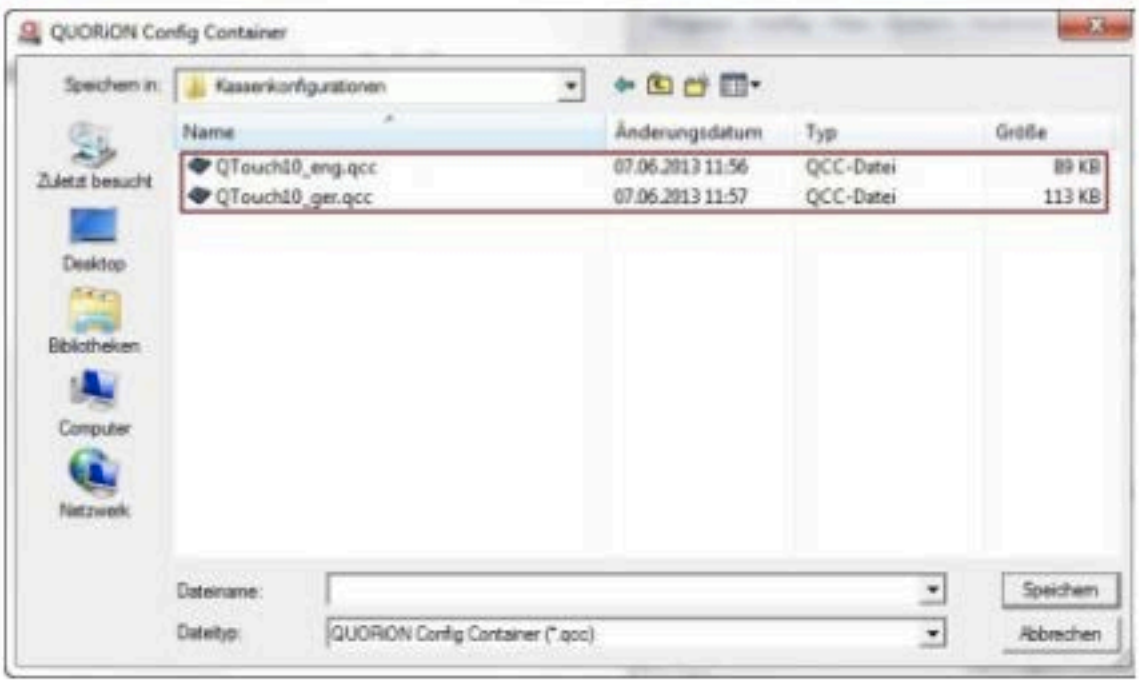
Changes QProg Version 2.3.0

- **Changes in the handling of POS system configuration files**
- **Direct mailing of POS system backups and configuration files for support purposes via e-mail**

When the application starts, the window Whats new containing release notes for the changes in the current QProg version appears.

Handling of POS System Configurations

In order to provide a better and clearer handling, your POS systems configuration files from now on are stored within a newly introduced container file with the extension .QCC (QUORiON Configuration Container):



This file consists of the known QProg applications file with the file extension .QAP and the associated additional configuration files. Container files can be opened with popular compression programs (WinZip, WinRAR, 7Zip, etc) to get access to the known configuration files.

Delivery of Support E-Mails

You can now deliver configurations and complete POS system backups (POS system configuration, POS system information (serial number, firmware version, memory backup) immediately from QProg to a support e-mail address.

Use the window Support Mail within QProg to deliver your support e-mails:

Chapter 1

Introduction

This manual describes how to program the Quorion cash registers using the programming tool called QProg. This tool is especially developed by Quorion Data Systems for this purpose. As you will experience using this tool will save you a lot of time now and also in the future. The current version is 2.2.1, the minimum System requirements are Windows 2000 with service pack 4.

Chapter 2

Getting Started

This chapter describes how to start using the QProg programming utility. It will describe how to start with a completely new program, load an existing program from disk or load a program from a cash register.

Create New Program

When you first start QPROG there is no application program available yet. When you select the menu option PROGRAM -> NEW the Configuration screen will be shown. When you create a completely new program you need to configure the various options, files and reports first. See the option PROGRAM-> NEW for more detailed information.

Start with Program on Disk

When you want to load a previously stored program from disk you must select the menu option PROGRAM-> LOAD FROM DISK. After selection QPROG will show you all the programs stored in the selected directory (program files with extension QAP) and you can select the program you want to load. After selection QPROG will load the selected program in its working memory.
QPROG keeps track of the last 4 programs loaded and allows you to select them directly in the PROGRAM menu. It also keeps track of the last directory from which a program was loaded and uses this directory as the default working directory.

Start with Program in Register

When you want to load a program from a register connected to your computer you must select the menu option PROGRAM-> LOAD FROM REGISTER. After selection QPROG will ask you the location and program name under which it should store the received program. Default it uses the name WQAPP.QAP. Note that you don't have to enter the file extension only the program name because QPROG will store the program in a number of files with the same name but a different extension.

Chapter 3

Program

This chapter describes in detail the options in the Program Menu. Note that some menu options can't be selected when there is no application program loaded. When an application program is loaded the name, location and program size are shown on the bottom line of the main QPROG screen.

Load from Register

You can load and store a program from a register which is connected to your computer by selecting this option. After selection you will be asked for the location and name under which you want to store the program. The default name is WQAPP.QAP. Note that you don't have to enter the file extension only the program name because QPROG will automatically append the correct extension to the created program files.

Send to Register

When an application program is loaded in the working memory this menu option can be used to sent the complete application program or only the changes to a register connected to your computer.

All Changes

Whenever a change is made to the application program it is recorded in a file with the program name and extension QUP. With this option you can sent ALL the changes recorded in this file since the last time the file was cleared to the register. Because it is required that the application program in the register is the same as the one loaded in the working memory QPROG will check if they are the same. When they are different an message is given and the update is not done.

Only File Changes

Whenever a change is made to the application program it is recorded in a file with the program name and extension QUP. With this option you can sent ONLY the changes made to program (function) files which are recorded in this file. This can be useful when register you want to sent the changes to have different SYSTEM PARAMETERS and/or SYSTEM OPTIONS. Note that this option will NOT sent changes made in the SYSTEM menu. Changes made to the keyboard are ONLY send when you are using more then 1 keyboard level. Because it is required that the memory configuration of the application program in the register is the same as the one loaded in the working memory QPROG will check if they are the same. When they are different an message is given and the update is not done.

Complete Program

With this option you can sent the complete application to the register without clearing the report information in the register. Because it is required that the application program in the register is the same as the one loaded in the working memory QPROG will check if they are the same. When they are different an message is given and the program is not sent. update is not done.

NOTE:

When using scan codes for the articles care should be taken that all article programming is done using QPROG because the file in the register must be the same as the one in QPROG. When you are not sure it is better to take the Article Report and clear the file in the register first.

Only Program Files

With this option you can sent all program (function) files. All information found in the SYSTEM MENU is NOT sent. The report information in the register is not cleared. Because it is required that the application program in the register is the same as the one loaded in the working memory QPROG will check if they are the same. When they are different an message is given and the program is not sent. update is not done.

NOTE:

When using scan codes for the articles care should be taken that all article programming is done using QPROG because the file in the register must be the same as the one in QPROG. When you are not sure it is better to take the Article Report and clear the file in the register first.

Install Program

With this option you can install an application in a register. QPROG will check if the there is enough memory installed in the register and then clear the complete memory before it will install the application in the register.

NOTE:

This option will CLEAR the complete memory of the register so all stored information stored is lost!!

Time and Date

With this option you can sent the computer time and date to the cash register.

Load from Disk

You can load a previously stored program from disk. After selection QPROG will show you all the programs stored in the selected directory (program files with extension QAP) and you can select the program you want to load. After selection QPROG will load the selected program in its working memory.

Default Loading

You can define a CR configuration which will load automatically by start of QProg. By the first setting you must select a configuration file (QAP) and set the checkbox for activate. By the next start of QProg the selecting configuration will load. You can see a check mark before the menu entry if the function is activate, is the selecting configuration not exist or wrong the function will disable automatically.

New

When you select this menu option the Configuration screen will be shown. In this screen you can set up the parameters for a new program. QPROG will calculate the memory required using the specified parameters like number of Groups, Departments, PLU, Tendering Functions, Report Constructions etc.. For more details on the individual parameters and file constructions please refer to the Help on CONFIGURATION. Once you have set all the parameters to the desired values or just use the default ones exit the screen by selecting the OK button. You will be prompted for the name of your new application, the default name is WQAPP.QAP. Note that there is no need to enter the file extension QAP because QPROG will automatically create all the required files.

Copy

This menu option can be used to make a copy of a previously stored application program. This can be useful when you already have a library of application programs and want to use an existing application as a base for a new one. In this way you don't have to enter all file and configuration data again.

After selection QPROG will show you all the programs stored in the selected directory (program files with extension QAP) you will be able to select the program you want to copy. After selection QPROG will ask you the name and location of the new program. When confirmed QPROG will copy all the application program files. Before copying the Article (PLU) file it will ask if it should copy the file or only clear the file.

When copying a program in most cases the article file will be different so in order to avoid deleting all articles manually you can clear the complete file directly.

Delete

This menu option can be used to delete a complete application or only the file with the program changes.

Application

After selection QPROG will show you all the programs stored in the selected directory (program files with extension QAP) you will be able to select the program you want to delete. After selection QPROG will delete the application program and all related files. When you are deleting the program which is currently loaded in the working memory it will also be removed from the working memory.

Update File

When an application program is loaded in the working memory it is possible to manually delete the file with all the program changes. This file is used when the menu option PROGRAM-> SEND TO REGISTER-> UPDATES is selected. Note that after sending the changes to a register you will be asked if you want to delete the update file.

Close

Selecting this option will remove the currently loaded application program from the working memory.

History

QPROG keeps track of the last 4 programs loaded and allows you to select them directly in the PROGRAM menu.

Exit

Selecting this option will exit QPROG.

Chapter 4

Configuration

An application program consists out of a configuration file and data files. In the configuration file is the layout and size of the data files is specified. This chapter describes in detail the options in the Configuration Menu.

Customer ID

Here you can set a CUSTOMER ID which is used by QPROG to protect the Customer application in the cash register and in QPROG (QMP Release XX040730 or newer) from unauthorized access.

When set you can only access the cash register by computer when the correct CUSTOMER ID is set.
When an application which has a CUSTOMER ID is loaded from DISK you will be asked for the CUSTOMER ID.
When the entered ID is not corrected you are not allowed to open the application.
When an application is loaded in QPROG the CUSTOMER ID of the application will be used during communication.
When NO APPLICATION is loaded QPROG will ask you for the CUSTOMER ID before every communication command.
After an application is installed in the register you can only change the Customer ID in the register by programming mode 98 (lock in P) or by making a hardware reset. It is not possible to CHANGE the ID using QPROG.

Model

Here you can select the model for which you are creating an application program. It is possible to convert from QMP3000 to CR1000 but the program will automatically remove all functions which are not supported by the CR1000 and the changes cannot be undone! Note that there is NO check on the model when installing the program in the register but when the model doesn't match the model as specified in the configuration the program will NOT work.

The available models are:

1 - CR1000
2 - QMP 3000/5000
3 - QPrint
4 - CR20 has an exceptional position, cannot select by model type this feature is only available by loading an configuration from disk or cash register.

General Options

In this menu you can activate General Options which require memory.

Graphic Logo 1 & 2

Specifying the type of Graphic Logo, which is active. It is possible tot activate a logo which is printed on the Internal Receipt Header (Logo 1) and a logo which is printed on the Internal Receipt Trailer (Logo 2). Note that a bigger format also requires more memory. The following formats are possible:

Height	Width	Printer Type
90	120	Matrix R/J (TM-950)
90	240	Matrix Full Band (TM-950)
216	288	Thermal R/J (38mm)
216	576	Thermal Full Band (80mm)
216	432	Thermal Full Band (57mm)
90	576	Thermal Full Band (80mm)

Time Zones

Specifying the number of Time Zones in the program. The maximum is 48 which makes it possible to divide a day into 48 zones of half an hour. When you want to divide the day in less Time Zones it is advised to lower the number of zones to save memory in the Report Database. Time zones are used to report information which is linked to a specific time zone. When the register starts a transaction it reads the real time clock and selects the Time Zone for the current time and updates the totals in the report database for this time zone. In this way it is possible to create special reports which report the sales in specific time zones and then do sales analysis based on this information.

Day of the Week Zones

Specifying the number of Day of the Week Zones in the program. The maximum is 7 which makes it possible to report sales for each day of the week. When you want to divide the week in less days it is advised to lower the number of zones to save memory in the Report Database. Day of the Week zones are used to report information which is linked to a specific Day of the Week zone. When the register starts a transaction it reads the real time clock and selects the Day of the Week Zone for the current date and updates the totals in the report database for this Day of the Week zone. In this way it is possible to create special reports which report the sales in specific Day of the Week zones and then do sales analysis based on this information.

Day of the Month Zones

Specifying the number of Day of the Month Zones in the program. The maximum is 31 which makes it possible to report sales for each day of the month. When you want to divide the month in less days it is advised to lower the number of zones to save memory in the Report Database. Day of the Month zones are used to report information which is linked to a specific Day of the Month zone. When the register starts a transaction it reads the real time clock and selects the Day of the Month Zone for the current date and updates the totals in the report database for this Day of the Month zone. In this way it is possible to create special reports which report the sales in specific Day of the Month zones and then do sales analysis based on this information.

Date to Date Zones

Specifying the number of Date to Date Zones in the program. The maximum is 12 which makes it possible to report sales for each month of the year. When you want to divide the year in less periods it is advised to lower the number of zones to save memory in the Report Database. Date to Date zones are used to report information which is linked to a specific Date to Date zone. When the register starts a transaction it reads the real time clock and selects the Date to Date Zone for the current date and updates the totals in the report database for this Date to Date zone. In this way it is possible to create special reports which report the sales in specific Date to Date zones and then do sales analysis based on this information.

Screen Logo

It is possible to activate a graphic logo (64 x 128) which is displayed in the 8-line display when the register is in idle mode.

Prices of 12 Digits

When activated and FLASH ROM 021216 or later is installed in the register the maximum price size can be 12 digits when activated. Standard the register supports prices of 9 digits or when more then 5 price levels are active 8 digits! Note that this feature was especially made for INDONESIA and is NOT required in other countries. When you don't need prices of 12 digits it is advised NOT to activate this option because it will INCREASE the application program size. When the option for Prices of 12 digits is set it will have the following consequences:

- Size of application program will be increased so the prices can be stored. It will have influence on the BALANCE - Files (totals and items), Clerk Interrupt Buffers and the PLU file.
- The MAXIMUM number of PRICE levels is 15!
- You must not forget to set the Report Totals to 14 Digits or more!
- You cannot combine registers WITH and WITHOUT prices of 12 digits in a network. If you need 12 digit prices you MUST activate it in all registers in the network and install this FLASH ROM version or newer in ALL registers.

Non-Resettable Grand Total

When activated and FLASH ROM 030128 or later is installed in the register will store a Non-Resettable Grand Total which can be printed (General TEXT# 55) on a USER Z-REPORT by setting OPTION 2-5 in the USER Report. The NRGT is updated when a transaction is closed by a TENDER key. This means that sales on a BALANCE is added to the NRGT when the balance is paid. There is a POSITIVE and a NEGATIVE total stored. On the USER report the register will print the POSITIVE, NEGATIVE and the total NRGT.

The NRGT can be reset by entering 666666 on the TYPE key with the Central Lock in the P (Program) position. Note that the NRGT is also reset when a SYSTEM INIT is done or when the application program is INSTALLED using QPROG.

Period 3 and 4 for Backup

When activated Period 3 and 4 are used for backup. This option is made for the special KLIER project.
When this option is set the register will only report in PERIOD 1 and PERIOD 2. PERIOD 3 and 4 are used for automatic backup of the PERIOD 1 Z-report and the date, time and counter (x,z) will be stored for every report backup. Note that when you take a SYSTEM report the register will NOT shift the period. When period shifting is active you can have maximum 20 USER reports and the register doesn't check the PERIOD field in the USER report list. It will decide which period to take depending on the report number.

The register takes the period number from the report#.
report# 1-20, period1
report# + 20, period2
report# + 40, period3 (backup of 1)
report# + 60, period4 (backup of 3)

example1:
User Report 1 -> User Report 1 Period 1 (with shifting in Z)
User Report 21 -> User Report 1 Period 2
User Report 41 -> User Report 1 Period 3
User Report 61 -> User Report 1 Period 4

example2:
User Report 12 -> User Report 12 Period 1 (with shifting in Z)
User Report 32 -> User Report 12 Period 2
User Report 52 -> User Report 12 Period 3
User Report 72 -> User Report 12 Period 4

When a PERIOD 1 User Z-report is taken the register will shift the periods as follows:
1 - Add period3 to period4.
2 - Move period1 to period3.
3 - Clear period1.

Validation Counter

When activated and FLASH ROM 050617 or newer is installed in the register will store a special validation counter. This counter is incremented with every validation and is printed on the validation line instead of the receipt number.

Belgian Ticket Code on Receipt

You can activate the special Ticket Code, which is calculated according to a special algorithm specified by the Belgian Tax Department. When it is activated in the configuration it is always printed on a ticket and also stored in the Electronic Journal when active. When this code is activated the Electronic Journal can be stored in Electronic format on an external medium because the code can be used to check the contents of the Electronic Journal. The register will print the Ticket Code on the Bottom of the receipt with GENERAL TEXT# 82 (Ticket Code).

Receipt Totals

This option will activate 5 daily receipt totals for the daily report as speificied by the new Swedish Law. When Country ID is set to Sweden it is automatically activated. For other countries this is not required.

Change Report Totalizer Sizes

Specifying the sizes of the report counters used by the cash register for a specific period.

Customer Count

Specifying the general maximum size of the report counters used for the customer count for every individual period.

Quantity

Specifying the general maximum size of the report counters used for the quantity counter for every individual period.

Amount

Specifying the general maximum size of the report counters used for the amounts for every individual period.

NOTE1:
When foreign currencies are used it might be necessary to increase the amount size incase !!
NOTE2:
When Price of 12 DIGITS are used the amount sizes should be 12 digits or more!

Load Configuration

When you are creating a new application program (MENU option: PROGRAM-> NEW) an extra button will be shown which enables you to load a configuration file from an application stored on disk. After selection QPROG will show you all the configuration files stored in the selected directory (program files with extension QAP) and you can select the configuration you want to load. After selection QPROG will load the selected configuration in the configuration menu. When you are creating an application from a stored configuration file the difference with copying is that it will generate default functions and texts instead of copying them from the stored application.

Save as Default

Save the current configuration and text tables as default for creating a new application. Note that there is only ONE default possible. Another way of creating a new application is by copying an existing application program and modifying it or be loading a configuration file from an application stored on disk.

Create ROM Config

Save the current configuration as a binary file which can be put in the Flash ROM during production so when a Hardinit is done this default application will be generated using this configuration. There is a limit to the maximum number of records which are stored for the various files. Qprog will give a warning when a file contains more records as can be stored. In this case the register will not put the records in the config file but generate records with default settings and text.

Country ID

Here you can select the Country for which you are creating an application program. Depending on the country selected QPROG will automatically activate functions and settings as required for that country. When you try to load an application in a register which requires a Country ID to be set it will not work and the wrong ID is selected the program will not work. At the moment it is only required for Sweden.

The available Country ID settings are:

1 – Sweden.

Report Construction

Specify for each individual file which data should be stored in the Report Database. It is possible to specify the totalizers for a total, the number of periods and for which pointer the total should be stored.

Totalizers

One report total for one period consists out of maximum 8 totalizers, which can be activated by marking the checkbox. The totalizers can be split up into two groups. The totalizers in the first group are *customer count*, *quantity* and *amount* and are used for both functions and sales totals. The totalizers in group two are *return quantity*, *discount*, *surcharge*, *tax* and *cost* and are only used for sales totals. In addition to these **'hard'** totalizers the are also **'soft'** totalizers which are calculated using the hard totalizers. Some **'soft'** totalizers are profit and gross sales.

GROUP 1 TOTALIZERS:

Customer Count:
Counts the number of customers for this total.

Quantity Count:
Counts the quantity for this total, which means for functions the number of times used and for sales totals the number of items.

Amount:
Counts the **'net'** amounts for this total.

GROUP 2 TOTALIZERS:

Return Quantity:
Counts the number of returned items and is only affected by a CORRECTION FUNCTION of the type REFUND.

Discount:
Counts the negative discount amounts and is only affected by NEGATIVE DISCOUNT FUNCTIONS.

Surcharge:
Counts the surcharge (positive discount) amounts and is only affected by POSITIVE DISCOUNT FUNCTIONS.

Tax:
Counts the TOTAL TAX amounts.

Cost:
Counts the Total Cost price. Note that you MUST use COSTPRICES when you activate this totalizer.

Periods

It is possible to store a Total for a maximum of 4 periods and it is even possible to change the Totalizer construction for each period by marking the corresponding checkbox. In this way it is possible to save memory when only specific Totalizers are interesting for a period. Depending on when the period report is taken it is a

daily, weekly, monthly or yearly report but in general period 1 is used for daily, period 2 for weekly, period 3 for monthly and period 4 for yearly reports.

Standard

The Standard Pointer is the basic pointer, which means this pointer is always active, and there is only ONE. All totals which are activated are always updated for the Standard Report. This pointer is used for reports, which don't need to be specified by another pointer like clerk, salesperson or Real Time Clock related pointers.

Clerk

It is possible to store sales and/or function totals for each individual clerk. A clerk is selected manually by pushing a button or inserting a clerk key. This means that the activated totals are only updated for the active clerk so you can see in the report what a specific clerk has done. When you add for one specific total all individual clerk totals the result should match the same total in the Standard Pointer Report. Note that activating a lot of totals will consume a lot of memory because for each clerk memory is required. For example when you have 10 clerks and 10 groups and you store the totals for 4 periods memory is reserved for 10 x 10 x 4 is 400 totals

Salesperson

It is possible to store sales and/or function totals for each individual salesperson. A salesperson is selected manually by pushing a button or for example swiping a card. This means that the activated totals are only updated for the active salesperson so you can see in the report what a specific salesperson has done. When you add for one specific total all individual salespersons totals the result should match the same total in the Standard Pointer Report. Note that activating a lot of totals will consume a lot of memory because for each salesperson memory is required. For example when you have 10 salesperson and 50 departments and you store the totals for 2 periods memory is reserved for 10 x 50 x 2 is 1000 totals

Time Zones

It is possible to store sales and/or function totals for each specified time zone. A time zone is selected automatically at the start of the transaction by reading the Real Time Clock. This means that the activated totals are only updated for the active time zone so you can see in the report what was done in a specific time zone. When you add for one specific total all time zone totals the result should match the same total in the Standard Pointer Report. Note that activating a lot of totals will consume a lot of memory because for each time zone memory is required. For example when you have 48 time zones and 10 groups and you store the totals for 2 periods memory is reserved for 48 x10 x 2 is 960 totals

Day of Week

It is possible to store sales and/or function totals for each specified day of the week zone. A day of the week zone is selected automatically at the start of the transaction by reading the Real Time Clock. This means that the activated totals are only updated for the active day of the week zone so you can see in the report what was done in a specific day of the week zone. When you add for one specific total all day of the week zone totals the result should match the same total in the Standard Pointer Report. Note that activating a lot of totals will consume a lot of memory because for each day of the week zone memory is required. For example when you have 7 day of the week zones and 10 groups and you store the totals for 2 periods memory is reserved for 7 x10 x 2 is 140 totals

Day of Month

It is possible to store sales and/or function totals for each specified day of the month zone. A day of the month zone is selected automatically at the start of the transaction by reading the Real Time Clock. This means that the activated totals are only updated for the active day of the month zone so you can see in the report what was done in a specific day of the month zone. When you add for one specific total all day of the month zone totals the result should match the same total in the Standard Pointer Report. Note that activating a lot of totals will consume a lot of memory because for each day of the month zone memory is required. For example when you have 31 day of the month zones and 10 groups and you store the totals for 3 periods memory is reserved for 31 x10 x 3 is 930 totals

Date to Date

It is possible to store sales and/or function totals for each specified date zone. A date zone is selected automatically at the start of the transaction by reading the Real Time Clock. This means that the activated totals are only updated for the active date zone so you can see in the report what was done in a specific date zone. When you add for one specific total all date zone totals the result should match the same total in the Standard Pointer Report. Note that activating a lot of totals will consume a lot of memory because for each date zone

memory is required. For example when you have 12 date zones and 10 groups and you store the totals for 3 periods memory is reserved for 120 x10 x 3 is 360 totals

Total Sales File

Description and configuration of the Total Sales file.

File Description

The Total Sales file contains only ONE record and is used to store the caption for total sales and report information which is specified by the report construction.

Number of Records

The number of records cannot be changed because in the Total Sales file the number of records is fixed to ONE record only.

Caption Size

Specify the maximum size of the Total Sales descriptor (maximum is 25).

Report Construction

Here you specify what report information the register should store in the Total Sales file. For more detailed information please refer to CONFIGURATION->REPORT CONSTRUCTION in the manual or Help File.

Group File

Description and configuration of the Group file.

File Description

The Group file contains a record for each group and is used to store programming information (caption, etc.) and report information which is specified by the report construction.

Number of Records

The maximum number of records in the Group File is 255. It is possible to set the number of Groups to ZERO, which will result in an application program without Groups.

Caption Size

Specify the maximum size of the Group descriptor (maximum is 25).

Report Construction

Here you specify what report information the register should store in the Group file. For more detailed information please refer to CONFIGURATION->REPORT CONSTRUCTION in the manual or Help File.

Department File

Description and configuration of the Department file.

File Description

The Department file contains a record for each department and is used to store programming information (caption, etc.) and report information which is specified by the report construction.

Number of Records

The maximum number of records in the Department File is 999. The application program always requires a minimum of ONE department!!

Caption Size

Specify the maximum size of the Department descriptor (maximum is 25). When this caption size is ZERO the caption of the GROUP is used. When the caption size of the group is ZERO the department number is printed.

Condiment Table Selection

When you want the register to prompt you for a Condiment Selection after you sell a DEPT you can specify here the maximum number of condiment tables. The maximum is 32. Note that the Condiment Table File must be active and it will apply to all PLU which select this department unless it is also selected on PLU level.

KP Selection

When you are planning to use kitchen printers in your application you must mark this option so in the department file the space for the KP selection will be reserved. When you are planning to use kitchen printer selection only on PLU level there is no need to mark the KP selection here.

Second Group Selection

When you want to create some special report totals you can activate a second Group in which the Department should report.

Action Table Selection

When you want to use special discount actions you can specify the Action table selection on department level. Note that the Action Table File must be active and it will apply to all PLU which select this department unless it is also selected on PLU level.

Report Construction

Here you specify what report information the register should store in the Department file. For more detailed information please refer to paragraph “CONFIGURATION -> REPORT CONSTRUCTION” in the manual or Help File.

PLU File

Description and configuration of the PLU file.

File Description

The PLU file contains a record for each PLU and is used to store programming information (caption, etc.) and report information which is specified by the report construction.

Number of Records

The maximum number of records in the PLU File is 50000. When PLU are not required you can set the number of records to ZERO.

Caption 1 Size

Specify the maximum size of the first PLU descriptor(maximum is 25). This caption is always used for the receipt, display. When this caption size is ZERO the caption of the department is used.

Caption 2 Size

Specify the maximum size of the second PLU descriptor(maximum is 25). When active this caption is used for printing on the Kitchen Printer.

Code# Size

Specify the maximum size of the PLU code number (maximum is 16). When Random (or scan codes) are not required specify a size of ZERO.

Price Size

Specify the maximum size of the PLU price (maximum is 4). The size specifies the number of BYTES reserved for 1 price. The maximum prices depend on the number of BYTES reserved. See Below.

Size	Maximum Price
0	0
1	255
2	65535
3	16777215
4	4294967295

NOTE:

Because of internal processing the maximum price also depends on the number of price levels used. When using more then 1 and less then 6 price levels the maximum price is 999999999. When the number of price levels is more then 5 the maximum price is: 99999999.

Price Levels

Specify the number of Price Levels. When prices of 12 digits are used the maximum is 15 else the maximum is 20.

Condiment Table Selection

When you want the register to prompt you for a Condiment Selection after you sell a PLU you can specify here the maximum number of condiment tables. The maximum is 32. Note that the Condiment Table File must be active!!

Cost price Size

Specify the maximum size of the PLU cost price (maximum is 4). The size specifies the number of BYTES reserved for 1 price. The maximum prices depend on the number of BYTES reserved. See also Price Size.

Inventory Quantity Size

Specify the size in digits of the total used to store the PLU inventory in quantity (maximum is 16). When no inventory in quantity is required specify a size of ZERO

Inventory Amount Size

Specify the size in digits of the total used to store the PLU inventory in amount (maximum is 16). This field is not used for inventory in amount but can be used for inventory unit size when System Option 192 is set. When not required specify a size of ZERO

Inventory Minimum Size

Specify the size in digits of the total used to store the Minimum PLU inventory(maximum is 16). When the inventory in quantity is active the minimum inventory is in quantity else when only the inventory in amount is active the minimum inventory is in amount. When no minimum inventory is required specify a size of ZERO

PLU Link Active

When you are planning to use Linked PLU's you must mark this option. If marked space is reserved for a LINK in the PLU record. Note that the maximum LINK when random codes are used is 65535

KP Selection

When you are planning to use kitchen printers in your application and you want to select the Kitchen Printer on PLU level you must mark this option. When not marked the Kitchen Printer Selection is taken from the department.

Group Selection

When you want to create some special report totals you can activate Group Selection in which the PLU should report. Note that it will NOT report in the Total Sales!!

Action Table Selection

When you want to use special discount actions you can specify the Action table selection on PLU level. Note that the Action Table File must be active.

Second Department Selection

When you want to create some special report totals you can activate a second department in which the PLU should report. Note that it will NOT report in the Group of the second department !!

Individual Options

When you want to be able to program the Options on each individual PLU you must mark this options. If not marked the Options are taken from the first department selection.

Individual Print/Display Options

When you want to be able to program the Print/Display Options on each individual PLU you must mark this options. If not marked the Options are taken from the first department selection.

Tax Selection

When you want to be able to program the Tax Selection on each individual PLU you must mark this options. If not marked the Tax Selection is taken from the first department selection. Note that the Tax File must be active!!

Special Itemizer Selection

When you want to be able to program the Special Itemizer Selection on each individual PLU you must mark this options. If not marked the Special Itemizer Selection is taken from the first department selection. Note that the Special Itemizer File must be active!!!

Entry Limitation

When you want to be able to program the Entry Limitation on each individual PLU you must mark this options. If not marked the Entry Limitation is taken from the first department selection.

Report Construction

Here you specify what report information the register should store in the PLU file. For more detailed information please refer to paragraph “CONFIGURATION -> REPORT CONSTRUCTION” in the manual or Help File.

Store Management

When you went to use the store management in QProg you should activate the option in the standard tab of the report construction. By activating this option any option will deactivate for manipulation by the user, these options are necessary for the store management.

The standard reports in the period 2 are exclusive use by saving the information´s which are necessary for updating the store information´s. Any selections for the PLU informations are deactivate but will showed in the PLU file, these information´s are only saved on the PC and have no effect on the data which will save in the cash register. Only an update of the store management will change the data, this option can you find in the menu under report.

If you use a cash register network, the update of the store value will consolidate the data from the cash register automatically. If you use only one cash register you must set the SYSTEM PARAMETER 55 (network size) and the SYSTEM PARAMETER 53 (cash register number – id) to zero. By using more than one cash register this parameter must set right, otherwise the consolidate of the store data will be fail.

Example: You use three cash register, you must set the SYSTEM PARAMETER 55 to 3 in all cash register and for the first cash register the SYSTEM PARAMETER 53 to 1, for the second to 2 and so on. In the communication setting for QProg you must set following options: set the interface on which the first cash register connected with the computer, then select network connection for using more than one cash register in a network,

that's all you must confirm the setting by click on the OK button. Now you can update the store values by consolidate the data from your cash register network.

You can link the PLU´s with an 'A' in the inventory quantity column, it´s the same like de description for the column. By setting the option 192 the inventory amount will save the unit size, this value will multiplicity with the wastes units and then this value will decrease the linked PLU entry. The default unit size value for linked PLU´s and disables option 192 is 1.

Tax File

Description and configuration of the Tax file.

File Description

The Tax file contains a record for each Tax Function and is used to store programming information (caption, rate, etc.) and report information which is specified by the report construction.

Number of Records

The maximum number of records in the Tax File is 8. When you don't need Tax calculation you can set the number of record to ZERO. The tax selection is programmed in other functions and is selected automatically.

Caption Size

Specify the maximum size of the Tax descriptor (maximum is 25). If the caption size is set to ZERO the rate is always printed.

Regular Break Points

When you are planning to use break point tax you can specify here the number of "Regular Break Points" which are required. The maximum number of "Regular Break Points" is 50. When you don't need break point tax calculation you must enter ZERO.

Irregular Break Points

When you are planning to use break point tax you can specify here the number of "Irregular Break Points" which are required. The maximum number of "Irregular Break Points" is 50. When you don't need break point tax calculation you must enter ZERO.

Report Construction

Here you specify what report information the register should store in the Tax file. For more detailed information please refer to paragraph "CONFIGURATION -> REPORT CONSTRUCTION" in the manual or Help File.

Clerk File

Description and configuration of the Clerk file.

File Description

The Clerk file contains a record for each Clerk and is used to store programming information (caption, rate, etc.) and report clerk time report information which is specified by Time Report Periods and Payment Rates.

Number of Records

The maximum number of records in the Clerk File is 999. When you don't need Clerks you can set the number of records to ZERO.

Caption Size

Specify the maximum size of the Clerk descriptor (maximum is 25).

Commission Rate (not active yet)

When you want to calculate a commission for a clerk you can specify the commission rate. The commission is calculated during the clerk report using a designated Special Itemizer.

Secret Code

When you want to use a secret code for clerk selection you can activate the secret code. The secret code is fixed to 8 hexadecimal digits. Note that when you want to use the DALLAS ibutton as clerk lock the secret code is also used for identifying the DALLAS ibutton. When the Secret Clerk Code is not active in the application the last hexadecimal digit of the 12 hex digit Serial Number is used as Clerk Number. In this way the maximum number of clerks is 16 (0-F) and there are no unique keys!!

Sign On/Off Code

When you want to use SIGN ON/OFF and protect it by a special code you can activate the Sign On/Off code. The Sign On/Off code is fixed to 8 hexadecimal digits. Clerk Sign ON/OFF information is also stored in Electronic Journal so it can be extracted from the journal when read by the computer.

Sign On/Off Times

When you want to use Sign On/Off time registration you can specify here how many Sign On/Off times should be stored. When you want to use Time Reports the minimum is 2 and the maximum is 16 times. The stored times are printed and cleared when the clerk report is taken.

Time Report Periods

When you want to keep track of the total time a clerk was signed on you can activate 4 periods. Note that you MUST have at least TWO On/Off Times active.

Store Price Level

It is possible to assign a Price Level to a Clerk. When activated you can program a level for each clerk. When the level is set to ZERO it is not activated and the normal level is used. The level is used a a base level and disables the level selected by the clock, balance or a level which is manually selected. Note that the shift on shift level still works in the same way as when the base level is selected by the clock.

Store First/Last Info

When set the register will automatically store the first and last transaction time and date it in 4 periods. It is automatically reported with the CLERK TOTAL SALES report. GENERAL TEXT#94 is used as "First Sale" text and GENERAL TEXT#95 is used as "Last Sale"" text.

Salesperson File

Description and configuration of the Salesperson file.

File Description

The Salesperson file contains a record for each Salesperson and is used to store programming information (caption, rate, etc.).

Number of Records

The maximum number of records in the Salesperson File is 999. When you don’t need Salespersons you can set the number of records to ZERO.

Caption Size

Specify the maximum size of the Salesperson descriptor (maximum is 25).

Commission Rate (not active yet)

When you want to calculate a commission for a salesperson you can specify the commission rate. The commission is calculated during the salesperson report using a designated Special Itemizer.

Secret Code

When you want to use a secret code for salesperson selection you can activate the secret code. The secret code is fixed to 8 hexadecimal digits.

Store First/Last Info

When set the register will automatically store the first and last transaction time and date it in 4 periods. It is automatically reported with the SALESPERSON TOTAL SALES report. GENERAL TEXT#94 is used as "First Sale" text and GENERAL TEXT#95 is used as "Last Sale"" text.

Tender File

Description and configuration of the Tender file.

File Description

The Tender file contains a record for each Tendering Function and is used to store programming information (caption, options, etc.) and report information which is specified by the report construction.

Number of Records

The maximum number of records in the Tender File is 99. It is advised to program at least ONE Tender Function so a started transaction can be closed.

Caption Size

Specify the maximum size of the Tender descriptor (maximum is 25).

Report Construction

Here you specify what report information the register should store in the Tender file. For more detailed information please refer to paragraph “CONFIGURATION -> REPORT CONSTRUCTION” in the manual or Help File.

Drawer File

Description and configuration of the Drawer file.

File Description

The Drawer file contains a record for each Drawer Function and is used to store programming information (caption, options, etc.) and report information which is specified by the report construction.

Number of Records

The maximum number of records in the Drawer File is 99. If you don’t want to report the drawer contents you can set the number of records to ZERO.

Caption Size

Specify the maximum size of the Drawer descriptor (maximum is 25).

Cash Declaration

When you want to be able to do a cash declaration report you must activate this option so space is reserved to store the declared totals.

SAVE CASH DECLARATION START AMOUNT. When in the DRAWER TOTAL configuration of PERIOD# 1 the TAX field is activated the register will store the entered cash declaration amount in this field when the report is reset so it is used as start amount for the next report. General Text# 106 is printed on the report.

Report Construction

Here you specify what report information the register should store in the Drawer file. For more detailed information please refer to paragraph “CONFIGURATION -> REPORT CONSTRUCTION” in the manual or Help File.

P.O. and R.A. File

Description and configuration of the P.O. and R.A. file.

File Description

The PORA file contains a record for each PORA Function and is used to store programming information (caption, options, etc.) and report information which is specified by the report construction.

Number of Records

The maximum number of records in the PORA File is 99. If you don’t need Paid Out and Received On Account functions you can set the number of records to ZERO.

Caption Size

Specify the maximum size of the PORA descriptor (maximum is 25).

Report Construction

Here you specify what report information the register should store in the PORA file. For more detailed information please refer to paragraph “CONFIGURATION -> REPORT CONSTRUCTION” in the manual or Help File.

Discount File

Description and configuration of the Discount file.

File Description

The Discount file contains a record for each Discount Function and is used to store programming information (caption, options, rate, etc.) and report information which is specified by the report construction.

Number of Records

The maximum number of records in the Discount File is 99. If you don’t need Discount Functions you can set the number of records to ZERO. In the function itself you can program whether the it is a discount (negative) or a surcharge (positive) function.

Caption Size

Specify the maximum size of the Discount descriptor (maximum is 25).

Report Construction

Here you specify what report information the register should store in the Discount file. For more detailed information please refer to paragraph “CONFIGURATION -> REPORT CONSTRUCTION” in the manual or Help File.

Correction File

Description and configuration of the Correction file.

File Description

The Correction file contains a record for each Correction Function and is used to store programming information (caption, options, etc.) and report information which is specified by the report construction.

Number of Records

The maximum number of records in the Correction File is 99. If you don't need correction functions you can set the number of records to ZERO. The type of the correction function can be freely assigned.

Caption Size

Specify the maximum size of the Correction descriptor (maximum is 25).

Report Construction

Here you specify what report information the register should store in the Correction file. For more detailed information please refer to paragraph "CONFIGURATION -> REPORT CONSTRUCTION" in the manual or Help File.

Foreign Currency File

Description and configuration of the Foreign Currency file.

File Description

The Foreign Currency file contains a record for each Foreign Currency Function and is used to store programming information (caption, options, rate, etc.) and report information which is specified by the report construction.

Number of Records

The maximum number of records in the Foreign Currency File is 99. If you don't need Foreign Currencies you can set the number of records to ZERO.

Caption Size

Specify the maximum size of the Foreign Currency descriptor (maximum is 25).

Report Construction

Here you specify what report information the register should store in the Foreign Currency file. For more detailed information please refer to paragraph "CONFIGURATION -> REPORT CONSTRUCTION" in the manual or Help File.

User Report File

Description and configuration of the User Report file.

File Description

The User Report file contains a record for each User Report and is used to store programming information (caption, options, etc.) and the report links.

Number of Records

The maximum number of records in the User Report File is 99. If you don't need User Reports you can set the number of records to ZERO.

Caption Size

Specify the maximum size of the User Report descriptor size (maximum is 25).

Report Links

Here you specify the maximum number of System Report Links you want to program in ONE User Report. The size of one link is 12 bytes.

Store First/Last Info

When set the register will automatically store the first and last transaction time and date and the Last Reset Time and Date for each User Report. GENERAL TEXT#94 is used as "First Sale" text. GENERAL TEXT#95 is used as "Last Sale" text. GENERAL TEXT#96 is used as "Last Reset" text.

Balance Functions File

Description and configuration of the Balance Functions file.

File Description

The Balance Functions file contains a record for each Balance Function and is used to store programming information (caption, options, etc.) and report information which is specified by the report construction.

Number of Records

The maximum number of records in the Balance Function File is 99. If you don’t need Balance Functions you can set the number of records to ZERO.

Caption Size

Specify the maximum size of the Balance Function descriptor (maximum is 25).

Report Construction

Here you specify what report information the register should store in the Balance Function file. For more detailed information please refer to paragraph “CONFIGURATION -> REPORT CONSTRUCTION” in the manual or Help File.

Table Total File

Description and configuration of the Table Total file.

File Description

The Table Total file contains a record for each Table Total and is used to store programming information (caption, options, etc.) and the table amount in the number of periods as specified.

Number of Records

The maximum number of records in the Table Total File is 30000. If you don’t need Table Totals you can set the number of records to ZERO.

Text Size

Specify the maximum size of the one Text Line (maximum is 25). You can have more then one text line. See also Text Lines.

Text Lines

Specify the number of Text Lines you want for each total (maximum is 6).

Amount Size

Specify the maximum size for the Table Totals (maximum is 16 digits).

Periods

Specify the number of periods for the table totals (maximum 4). When a table is closed only period 1 is cleared, the other periods are only cleared by a report.

Balance Limit

When you want to set a limit on a table you can set the size maximum size of the limit amount (maximum 16 digits).

Store Individual Items

When you want to store the individual items on a table you must activate this option. Note that the tax itemizers are automatically stored when this options is set so it is not required to active the option “STORE TAX ITEMIZERS”

Store Tax Itemizers

When you don’t store individual items it is possible to store only the Tax Itemizers by activating this option. In order to save memory you don’t have to set this option when “STORE INDIVIDUAL ITEMIZERS” is set.

Free Assignment of Numbers

When and also code number size is set the register will automatically assign an empty balance to the number which is entered. Note that when this option is active it is not possible to have a TEXT linked to a balance or have periodical balance report because the assigned balance is not fixed to the number entered.

Store Price Level

When activated you can program a level for each balance. When the level is set to ZERO it is not activated and the normal level is used. The level is used a a base level and disables the level selected by the clock or a level which is manually selected. Note that the shift on shift level still works in the same way as when the base level is selected by the clock.

Store Discount

It is possible to assign a automatic Discount to a Balance. You must program the discount function# which should be used the discount (rate or amount depends on function) and the exempt amount. The discount is given and reported when the balance is paid. When the balance is below the exempt amount the discount is not given. When Subtotal is pressed the register will display the subtotal including the discount.

Store Time

The time stored is the time of the register on which the balance was opened so when you are using the BALANCE TIME system with floating balances you must be sure that the time on all register is set the same when you time out the balance on another register.

Store Time Link

When the TIME LINK is activated the BALANCE TIME system is active. This means that you must use the TIME OUT function before closing the balance which will cause the system to calculate the time the balance was open and calculate the amount using the PLU or MENU function programmed for this balance. Space will be reserved to store the Time Unit and Time Link

Store SalesPerson

When activated you can program a salesperson for each balance. When the salesperson is set to ZERO it is not selected the active salesperson is used. This fucntion can be used if you need detailed reporting on a balance or range of balances.

Room Total File

Description and configuration of the Room Total file.

File Description

The Room Total file contains a record for each Room Total and is used to store programming information (caption, options, etc.) and the room amount in the number of periods as specified.

Number of Records

The maximum number of records in the Room Total File is 30000. If you don't need Room Totals you can set the number of records to ZERO.

Text Size

Specify the maximum size of the one Text Line (maximum is 25). You can have more then one text line. See also Text Lines.

Text Lines

Specify the number of Text Lines you want for each total (maximum is 6).

Amount Size

Specify the maximum size for the Table Totals (maximum is 16 digits).

Periods

Specify the number of periods for the room totals (maximum 4). When a room is closed only period 1 is cleared, the other periods are only cleared by a report.

Balance Limit

When you want to set a limit on a room you can set the size maximum size of the limit amount (maximum 16 digits).

Store Individual Items

When you want to store the individual items on a room you must activate this option. Note that the tax itemizers are automatically stored when this options is set so it is not required to active the option "STORE TAX ITEMIZERS".

Store Tax Itemizers

When you don't store individual items it is possible to store only the Tax Itemizers by activating this option. In order to save memory you don't have to set this option when "STORE INDIVIDUAL ITEMIZERS" is set.

Free Assignment of Numbers

When and also code number size is set the register will automatically assign an empty balance to the number which is entered. Note that when this option is active it is not possible to have a TEXT linked to a balance or have periodical balance report because the assigned balance is not fixed to the number entered.

Store Price Level

When activated you can program a level for each balance. When the level is set to ZERO it is not activated and the normal level is used. The level is used a a base level and disables the level selected by the clock or a level which is manually selected. Note that the shift on shift level still works in the same way as when the base level is selected by the clock.

Store Discount

It is possible to assign a automatic Discount to a Balance. You must program the discount function# which should be used the discount (rate or amount depends on function) and the exempt amount. The discount is given and reported when the balance is paid. When the balance is below the exempt amount the discount is not given. When Subtotal is pressed the register will display the subtotal including the discount.

Store Time

The time stored is the time of the register on which the balance was opened so when you are using the BALANCE TIME system with floating balances you must be sure that the time on all register is set the same when you time out the balance on another register.

Store Time Link

When the TIME LINK is activated the BALANCE TIME system is active. This means that you must use the TIME OUT function before closing the balance which will cause the system to calculate the time the balance was open and calculate the amount using the PLU or MENU function programmed for this balance. Space will be reserved to store the Time Unit and Time Link

Store SalesPerson

When activated you can program a salesperson for each balance. When the salesperson is set to ZERO it is not selected the active salesperson is used. This fucntion can be used if you need detailed reporting on a balance or range of balances.

Account Total File

Description and configuration of the Account Total file.

File Description

The Account Total file contains a record for each Account Total and is used to store programming information (caption, options, etc.) and the account amount in the number of periods as specified.

Number of Records

The maximum number of records in the Account Total File is 30000. If you don't need Account Totals you can set the number of records to ZERO.

Text Size

Specify the maximum size of the one Text Line (maximum is 25). You can have more then one text line. See also Text Lines.

Text Lines

Specify the number of Text Lines you want for each total (maximum is 6).

Amount Size

Specify the maximum size for the Table Totals (maximum is 16 digits).

Periods

Specify the number of periods for the Account totals (maximum 4). When a room is closed only period 1 is cleared, the other periods are only cleared by a report.

Balance Limit

When you want to set a limit on an account you can set the size maximum size of the limit amount (maximum 16 digits).

Store Individual Items

When you want to store the individual items on an account you must activate this option. Note that the tax itemizers are automatically stored when this options is set so it is not required to active the option "STORE TAX ITEMIZERS".

Store Tax Itemizers

When you don't store individual items it is possible to store only the Tax Itemizers by activating this option. In order to save memory you don't have to set this option when "STORE INDIVIDUAL ITEMIZERS" is set.

Free Assignment of Numbers

When and also code number size is set the register will automatically assign an empty balance to the number which is entered. Note that when this option is active it is not possible to have a TEXT linked to a balance or have periodical balance report because the assigned balance is not fixed to the number entered.

Store Price Level

When activated you can program a level for each balance. When the level is set to ZERO it is not activated and the normal level is used. The level is used a a base level and disables the level selected by the clock or a level which is manually selected. Note that the shift on shift level still works in the same way as when the base level is selected by the clock.

Store Discount

It is possible to assign a automatic Discount to a Balance. You must program the discount function# which should be used the discount (rate or amount depends on function) and the exempt amount. The discount is given and reported when the balance is paid. When the balance is below the exempt amount the discount is not given. When Subtotal is pressed the register will display the subtotal including the discount.

Store Time

The time stored is the time of the register on which the balance was opened so when you are using the BALANCE TIME system with floating balances you must be sure that the time on all register is set the same when you time out the balance on another register.

Store Time Link

When the TIME LINK is activated the BALANCE TIME system is active. This means that you must use the TIME OUT function before closing the balance which will cause the system to calculate the time the balance was open and calculate the amount using the PLU or MENU function programmed for this balance. Space will be reserved to store the Time Unit and Time Link

Store SalesPerson

When activated you can program a salesperson for each balance. When the salesperson is set to ZERO it is not selected the active salesperson is used. This fucntion can be used if you need detailed reporting on a balance or range of balances.

Balance Item Blocks File

Description and configuration of the Balance Item Blocks file.

File Description

The Balance Item Blocks file is used to store the individual items which are ordered on a balance (Table, Room or Account). The file contains Item Blocks which can hold 10 different items each. When a balance is opened it gets one Item Block. When more then 10 items are stored on the balance it will automatically get a new item block. The assignment of blocks is dynamically so in theory one balance can use ALL the blocks. For example when you have 10 tables and 20 blocks you can store 20 different items on each table or 200 different items on ONE table. The moment a balance is paid and closed the occupied block are released.

Number of Records

The maximum number of records in the Balance Item Blocks File is 60000 and each record contains 1 block. If you don't need to store individual items on the tables, rooms and account you can set the number of records to ZERO. Note that in this case it is not possible to print a detailed invoice.

Store Scan Codes

The register can store Scan codes on Balances when used. This can solve the problem of wrong article descriptors when the ARTICLE file is changed before the balance is paid. The register will use to stored scan code for recalling instead of the index number. When it cannot find the article because it has been removed it will use the LAST DEPARTMENT name for printing. This option will increase the memory required for the BALANCE ITEM BLOCK file. Note that this is only supported when you have program version 041208 or newer in the cash register.

Modifier File

Description and configuration of the Modifier file.

File Description

The Modifier file contains a record for each Modifier Function and is used to store programming information (caption, options, etc.).

Number of Records

The maximum number of records in the Modifier File is 999. If you don't need Modifiers you can set the number of records to ZERO.

Caption Size

Specify the maximum size of the Modifier descriptor (maximum is 25).

Electronic Journal File

Description and configuration of the Electronic Journal file.

File Description

The Electronic Journal file contains a record for each line of information. The data can be stored as ASCII print data or as binary data. The electronic journal can be printed/reset by User Report 101 or only reset by User Report 102. From release 050415 it is also possible to take report 104 in X-mode which will only print the tickets of the active clerk. It is possible to print the journal in 3 ways:

1 – Enter 101 on the User Report key
Now only the last ticket stored is printed.

2 – Enter YY on the Multiply key (X) an then 101 on the report key.
Now the last YY tickets are printed.

3 – Enter 0 on the Multiply key (X) and then 101 on the report key.
Now the complete journal is printed. When this is done in Z position the Electronic Journal is cleared.

Number of Records

The maximum number of records in the Electronic Journal is 1000000. If you don't need the Electronic Journal you can set the number of records to ZERO.

Data Format

TEXT
The data in the Electronic Journal is stored as ASCII print data which is like a copy of a printed journal. When stored in this format it can only be used to print or view the electronic journal. The record size depends on the Text Size specified (17 or 19). In this format all print data can be stored so also reports can be stored.

BINARY
The data in the Electronic Journal is stored as binary data which is like a copy of the transaction buffer. When stored in this format it can be used to print or view the electronic journal but also to re-call transactions. The record size is 11 bytes and is fixed. In this format only transactions and special records can be stored.

GENERAL
Each record uses 11 bytes but note that the minimum size of ONE transaction is 10 records. This depends on the application configuration like number of tax itemizers etc.

When set to BINARY the register will only store Transaction Receipts which increase the receipt number in the Electronic Journal. So reports and programming information are never stored.

When SYSTEM OPTION 151 (No Receipt# Increment with balance sales) is SET the order tickets for balances are not stored only the invoices.

The Articles in the Binary Journal are stored using their index number so when BARCODES are used deleting and adding new items should be done after the journal is reset. When items are added or deleted before the journal is reset it can result in wrong article descriptors when viewing or reprinting the journal. Note that the prices are always correct because they are stored in the journal so canging item prices is possible without resetting the journal.

VIEWING OR PRINTING
Transactions can ony be reviewed when the Central Lock is in REG or MANAGER mode.

The last transaction can be viewed by pressing the PAGE UP or LINE UP key when not in viewing mode.

The first transaction can be viewed by pressing the PAGE DOWN or LINE DOWN key when not in viewing mode.

You can view a specific transaction by entering the receipt number on the PAGE UP or LINE UP key. The register will no look for the entered number.

When in viewing mode the PAGE UP, PAGE DOWN, LINE UP and LINE DOWN keys can be used to scroll through the journal.

When in viewing mode the last two lines show the receipt information like number and date.

A copy of the transaction which is being viewed can be printed by pressing the SUBTOTAL key when you are in MANAGER mode (Manager (Limited) Clerk or Central Lock).

When you are printing a copy of a Table Invoice the register will ALWAYS attach the Endorsement message on the copy. (Required in Germany)

COMPUTER
When the Electronic Journal is taken by computer the lines are formatted for 40 characters.

When the computer takes report 103 the data if in a special format which can be easily processed. (See journal.doc).

It is NOT possible to sent back the Electronic Journal Report to the register because it is not stored binary.

CANCELLING

When in MANAGER MODE (Central Lock) or MANAGER CLERK with ONLY Option 1-5 SET it is possible to cancel a transaction.

The transaction being viewed can be CANCELLED by pressing the EC (Error Correction) function. The register will issue a copy ticket with negative amounts and cancel the transaction in the report. In the Journal the transaction will be changed to a TOTAL of 0.00.

When cancelling an INVOICE TRANSACTION the register will UPDATE the INVOICE FILE .

Text Size

Specify the maximum size of one Electronic Journal text line. This only applies when the Data Format is TEXT. When printing the journal the register can print multiple columns depending on the printer used. The register will calculate the number columns which it can print on one line.

Store Scan Codes

The register can store Scan codes in E-Journal when used. This can solve the problem of wrong article descriptors when the ARTICLE file is changed before printing or retrieving the E-journal. The register will use to stored scan code for recalling instead of the index number. When it cannot find the article because it has been removed it will use the LAST DEPARTMENT name for printing. This option will increase the memory required for the E-Journal. Note that this is only supported when you have program version 041208 or newer in the cash register.

Endorsement Messages File

Description and configuration of the Endorsement Messages file.

File Description

The Endorsement Messages file contains a record for each Message. The messages can be used to print special information on the receipt.

Number of Records

The maximum number of records in the Endorsement Message File is 16. If you don't need Endorsement Messages you can set the number of records to ZERO.

Text Size

Specify the maximum size of the one Text Line (maximum is 40). You can have more then one text line. See also Text Lines.

Text Lines

Specify the number of Text Lines you want for each message (maximum is 99).

Keyboard Levels File

Description and configuration of the Keyboard Levels file.

File Description

The Keyboard Levels file contains a record for each Keyboard Level. The keyboard levels can be used to select a different keyboard for lunch, dinner etc. The level can be selected by key or automatically.

Number of Records

The maximum number of records in the Keyboard Level File is 8. If you don't need Extra Keyboard levels you can set the number of records to ZERO.

Caption Size

Specify the maximum size of the Keyboard Level descriptor(maximum is 25).

Support Large Keyboards

When you have a keyboard with more then 128 keys you MUST set this option else the keys above 128 are not stored for the extra levels.

Macro File

Description and configuration of the Macro file.

File Description

The Macro file contains a record for each Macro. A macro is a series of keystrokes which are automatically processed when the macro is selected. It is programmable whether the macro is stored as key numbers or as function codes and it is also possible to simulate central lock and clerk lock positions.

Number of Records

The maximum number of records in the Macro File is 99. If you don't need Macro's you can set the number of records to ZERO.

Caption Size

Specify the maximum size of the macro descriptor size (maximum is 25).

Keystrokes

Specify the maximum number of keystrokes you want to store for one macro (maximum is 99). When in the options of the macro is specified that functions codes are stored instead of key numbers the maximum of function codes is keystrokes/2 because a function code is 2 bytes and a key number only 1.

Menu File

Description and configuration of the Menu file.

File Description

The Menu file contains a record for each Menu/Arrangement and is used to store programming information (caption, options, items, etc.) and report information which is specified by the report construction. A Menu is a number of items which are automatically registered when the menu is selected. It is also possible to report the individual menu's.

Number of Records

The maximum number of records in the Menu File is 99. If you don't need Menu's you can set the number of records to ZERO.

Caption Size

Specify the maximum size of the Menu descriptor (maximum is 25).

Number of Items

Specify the maximum number of items you want to store for one menu (maximum is 12). An item consists out of a quantity and a function code.

Report Construction

Here you specify what report information the register should store in the Menu file. For more detailed information please refer to paragraph "CONFIGURATION -> REPORT CONSTRUCTION" in the manual or Help File.

Price Level File

Description and configuration of the Price Level file.

File Description

The Price Level file contains a record for each Price Level and is used to store programming information (caption, options, etc.) and report information which is specified by the report construction. A Price Level can be selected by a key or automatically. All items (PLU and Department) which are sold in the selected level will be reported. When the selected Price Level is within the number of Price Levels as specified is the PLU file configuration the selected price will be used in all other cases the entered price or Price #1 is used and the level can be used for reporting and/or Tax Shifting.

Number of Records

The maximum number of records in the Price Level File is 99. If you don't need Price Levels, Tax shifting or Level reporting you can set the number of records to ZERO.

Caption Size

Specify the maximum size of the Price Level descriptor (maximum is 25).

Report Construction

Here you specify what report information the register should store in the Price Level file. For more detailed information please refer to paragraph “CONFIGURATION -> REPORT CONSTRUCTION” in the manual or Help File.

Transaction Type File (not active yet)

Description and configuration of the Transaction Type file.

File Description

The Transaction Type file contains a record for each Transaction Type and is used to store programming information (caption, options, etc.) and report information which is specified by the report construction. A transaction type is selected by a key and can be used to report take-away, drive thru and or eat-in.

Number of Records

The maximum number of records in the Transaction Type File is 99. If you don’t need Transaction Types you can set the number of records to ZERO.

Caption Size

Specify the maximum size of the Transaction Type descriptor (maximum is 25).

Report Construction

Here you specify what report information the register should store in the Transaction Type file. For more detailed information please refer to paragraph “CONFIGURATION -> REPORT CONSTRUCTION” in the manual or Help File.

Special Itemizer File

Description and configuration of the Special Itemizer file.

File Description

The Special Itemizer file contains a record for each Special Itemizeri and is used to store programming information (caption, options, etc.) and report information which is specified by the report construction. A special itemizer is like a tax itemizer and can be used for special purposes like discounts and commission.
The special itemizer selection is programmed in other functions and is selected automatically.

Number of Records

The maximum number of records in the Special Itemizer File is 8. If you don’t need the Special Itemizers you can set the number of record to ZERO.

Caption Size

Specify the maximum size of the Special Itemizer descriptor (maximum is 25).

Report Construction

Here you specify what report information the register should store in the Special Itemizer file. For more detailed information please refer to paragraph “CONFIGURATION -> REPORT CONSTRUCTION” in the manual or Help File.

Window Look Up File

Description and configuration of the Window Look Up file.

File Description

The WLU file contains a record for each Window Look Up screen. A Window Look Up screen contains a number of functions codes of which the descriptor is shown when the WLU is selected. This function is only useful when a multi-line display is installed.

Number of Records

The maximum number of records in the WLU File is 99. If you don't need Window Look Up's you can set the number of records to ZERO.

Caption Size

Specify the maximum size of the WLU descriptor (maximum is 25).

Number of Items

Specify the maximum number of function codes you want to store for one WLU (maximum is 99).

Condiment Table File

Description and configuration of the Condiment Table file.

File Description

The Condiment Table file contains a record for each Condiment Table. A Condiment Table contains a number of functions codes of which the descriptor is shown when the Condiment Table is selected. Depending on the programming you can force the user to make a selection on item level (see also Department and PLU file). It is normally used to prompt the user to select a modifier or a side dish. It is also used to select items in a menu.

Number of Records

The maximum number of records in the Condiment Table File is 99. If you don't need Condiment Tables you can set the number of records to ZERO.

Caption Size

Specify the maximum size of the Condiment Table descriptor (maximum is 25).

Number of Items

Specify the maximum number of function codes you want to store for one Condiment Table (maximum is 99).

Action Table File

Description and configuration of the Action Table file.

File Description

The Action Table file contains a record for each Action Table. An Action Table is used to give special discount using different schemes. The Action Table contains the discount type and report information when activated.

Number of Records

The maximum number of records in the Action File is 99. If you don't need Action Tables you can set the number of records to ZERO.

Caption Size

Specify the maximum size of the Action Table descriptor (maximum is 25).

Number of Items

When set to NON-ZERO you can Specify Articles to be used in an action table. In this way it is possible to activate a SET match. When set to ZERO it is not possible to do a SET match or specify articles (Maximum 10).

Report Construction

Here you specify what report information the register should store in the Action Table file. For more detailed information please refer to paragraph “CONFIGURATION -> REPORT CONSTRUCTION” in the manual or Help File.

Invoice File

Description and configuration of the Invoice file.

File Description

The Invoice file is used to store information on the invoices issued. The invoice number of 4 digits and the total amount of the invoice is always stored and in addition to that it is possible to store the date, time and clerk of the invoice. The Invoice file can be printed and/or reset by User Report 100. When the file is full it is required to print and reset the file before a new invoice can be issued!! When OPTION 142 is SET the register will automatically delete the first invoice from the file when the file is full and there is no need to take the report. It will always have the last invoices issued.

Number of Records

The maximum number of records in the Invoice File is 10000. If you don’t need to store the issued Invoices can set the number of records to ZERO.

Store Date

Is set then the Date the invoice is issued is also stored.

Store Time

Is set then the Time the invoice is issued is also stored.

Store Clerk

Is set then the clerk who issued the invoice is also stored.

Clerk Interrupt File

Description and configuration of the Clerk Interrupt file.

File Description

The Clerk Interrupt file is used to temporarily store a transaction for a clerk. In this way more then one clerk can work simultaneously on the cash register. When another clerk interrupts the transaction of the current clerk a buffer in this file will be assigned to the current clerk in which the current transaction will be stored. When the clerk is selected again the register will recall the transaction from the buffer.

Number of Records

The maximum number of buffer records in the Clerk Interrupt File is 99. If you don’t want to use the Clerk Interrupt facility set the number of records to ZERO.

Interrupt Buffer Lines

Specify the number of Buffer Lines for one record. The maximum number of buffer lines in a clerk interrupt record is 500. Each record line will occupy 11 bytes. The number of lines is related to the maximum transaction size in your application. The absolute maximum transaction size in the cash register is 400 lines. When the transaction of a clerk is larger then the maximum number of lines it will be not possible to interrupt this transaction and the clerk must finalize it first.

German ELV File

Description and configuration of the German ELV file.

File Description

For Germany a special ELV report can be activated. When this file is activated the register will store all ELV transactions in a file which can be reported by USER REPORT 110. General Message# 84 is used for the name of the report. The report can also be taken by computer. The report will list all ELV transaction with the DATE, TIME, TRANSACTION#, ACCOUNT, BANKCODE, EXPIRATION DATE and AMOUNT. See EFT_GER.DOC for moe details.

Number of Records

The maximum number of ELV transaction record which can be stored. If you don't need this special file set the number of records to ZERO.

Levels Extra Keyboard File

Description and configuration of the Levels Extra Keyboard file.

File Description

The Levels Extra Keyboard file contains a record for each Level of the Extra Keyboard Level. For the Concerto the EXTRA keyboard is builtin and this file must have at least one record. The keyboard levels can be used to select a different keyboard for lunch, dinner etc..

Number of Records

The maximum number of records in the Levels Extra Keyboard File is 8. If you don't have an extra keyboard you can set the number of records to ZERO.

Caption Size

Specify the maximum size of the Keyboard Level descriptor(maximum is 25).

Coupon In/Out File

Description and configuration of the Coupon In/Out file.

File Description

The Coupon In/Out file is used for storing Issued and Received coupons. Report# 111 is a fixed report which will report he contents of the file. It will first report the ISSUED coupons and then the RECEIVED coupons. The report can be taken by computer using QDRIVER. See PORA function OPTION 2-4 for more details on the coupon functions.

The format of the coupon record is:
1;1;0;111(fixed);1;number;date;type (1=issued, 2=received);amount

```
0;0;0;0;2;"Coupon File";"X";" "
1;1;0;111;1;"#88880001";"23-04-2008";1;2,00
1;1;0;111;2;"#88880208";"23-04-2008";2;12,34
0;0;0;0;4;"X-Zähler    :000002";2
0;0;0;0;6;"Mittwoch    23- 4-2008";"21:18:44";1
0;0;0;0;0;"Beendet!";0
```

When a coupon is received is checked if it has been already stored in the file. ERROR# 1 (INVALID ENTRY) is given when the coupon is already stored.

GENERAL TEXT# 97 is issued for the ISSUED COUPONS in the Report.

GENERAL TEXT# 98 is issued for the RECEIVED COUPONS in the Report.

ERROR# 72 ("Coupon File Full") is given when the file is full. When the file is full it is not possible to issue or receive coupons!

GENERAL MESSAGE #105 (Coupon File) is used as Coupon Report Name.
When active the register has a special Coupons Issued counter which is incremented when a coupon is issued.

Number of Records

The maximum number of records in the Coupon In/Out File.

Report Journal

Description and configuration of the Report Journalfile.

File Description

The Report Journal File is used to store User Reports so an identical copy can be taken by computer. The register will store all Z USER REPORTS with OPTION 2-6 SET in this journal for computer processing. In this way the computer report is an exact copy of the printed Z-report and the report can be read later. It will also shorten the communication times of large reports because the report is already stored so the register doesn't have to check the totals during the communication.

When the Report Journal is full Error Message# 73 is given and the report is aborted.

The report can only be taken by a COMPUTER USER REPORT 199 using QDRIVER.

The Report Journal can only be reset by computer report 199 in Z or C mode or in P-mode by entering 199 on the report key.

When the report was taken using a REPORT MACRO it marks the report as 'M'.
When the report it is taken as a normal Z report it is marked as 'B'.

Only USER reports can be stored in the Report Journal.

Special reports like E-Journal, Coupon Report etc are not stored in the Report Journal.

Number of Records

The maximum number of records in the Report Journal File.

FTP Turnover Report

Description and configuration of the FTP Turnover Report file.

File Description

From version 090107 a special FTP TURNOVER REPORT (User Report# 120) can be activated. In this special report the register will store the transaction tender totals (and optional transaction tax totals) by time period. This report can be taken manually, by computer or using FTP.

When the tax totals are NOT stored the register will automatically extract the GST tax as used in Singapore from the stored tender total.

When the tax totals are stored the register will automatically subtract tax totals from the stored tender total.

When the report is sent by FTP it uses a special fixed format which always contains 24 periods lines as used by the shopping malls in Singapore.

MachineID (gen. mes# 94)|ddmmyyyy|Z-count|hhmm|ReceiptCount|TENDER-TAX|TAX

Also check the file QMP_FTP.DOC for more details.

Number of Records

The maximum number of records in the FTP Turnover Report File.

Chapter 5

Files

This chapter describes in detail the options in the Edit Files Menu.

General Info on Files

Editing Files

FIRST COLUMN

The first column is used for marking the record for updating, creation or deletion. When a record is changed the "*" character will appear in the first column to mark that it is changed. When the editing of the file is closed by the OK button the changes will be permanent and are also recorded in the UPDATE file.

When using Scan Codes for Articles the column is also used for marking a NEW article with "++" or a DELETED article with '—' characters.

ACTIVE COLUMNS

The number of active columns when editing a file depend on the configuration of the file. In the help file all possible columns are listed but when a field is not activated in the configuration it will not be shown and cannot be changed.

SCROLLING

When editing a file the records are shown in a row and columns format. When the number of rows or columns don't fit on the screen you can scroll horizontal or vertical by using the scroll bars.

SORTING

It is possible to sort the file you are editing on a specific column. You must select the column in SORT ON box.

DIRECT ACCESS

It is possible to go directly to a record by entering the record number in the NUMBER box and press ENTER.

CANCEL

All changes made are only updated the moment you exit by using the OK button so it is always possible to cancel the changes by pressing the CANCEL button. The program will always ask you if you are sure to cancel the changes.

NEXT COLUMN

When you press the ENTER key the program will automatically go to the next column.

CHECK BOX

In an option field you can just enter the options you want to activate (1 to 8) or click on the option check box which will automatically appear on the right side of the screen when you enter the option column.

RANGE SELECTION

It is possible to select a Range by holding the left mouse button depressed and moving the mouse, by right clicking the mouse or by clicking on the top of a column or left side of a row. When a range is selected it is possible to Clear the selected range or Fill the selected range with the value of the first row in the selection by right clicking the mouse. It is also possible to select a range for printing, importing or exporting data.

Exporting Data

It is possible to export data to ASCII text files. In the List box the available fields are shown. When a range is selected only the selected columns are marked and the checkbox "selection" is marked. It is possible to specify the FIELD and TEXT separators and whether the field names should be exported on the first line.

Importing Data

It is possible to import data from ASCII text files. In the LEFT List box the available QPROG fields are shown. When a range is selected only the selected columns are marked and the checkbox "selection" is marked. It is possible to specify the FIELD and TEXT separators and whether if the first line of the imported file contains the field names. When the first line contains the field names it is skipped when importing the data.
The RIGHT List box contains the fields QPROG was able to identify in the first line of the imported file. When importing the data QPROG will put the data of the first selected field in the first selected field of the LEFT list box and continue with the next fields. When the field containing the RECORD number is also imported QPROG will put the data in the record as specified. When the record number is not selected QPROG will put the data in the columns and rows as selected. When using PLU scan codes QPROG will create the PLU when the code is not available.

Print Options

In the Print1 and Print2 Options it is possible to program the printer (and display) on which the function should print and also the font type for the function. When the selected option is not available or setup in the application the option will have no effect!

P1.1 If set then shown on the Operator Display.
P1.2 If set then shown on the Customer Display.
P1.3 If set then shown on the Multi-Line Display (LCD).
P1.4 If set then store function in Electronic Journal.
P1.5 If set then print on Journal Printer.
P1.6 If set then print on Receipt Printer.
P1.7 If set then print on Slip Printer.
P1.8 If set then Slip Printer is Compulsory.

P2.1 Used for Font Type.
P2.2 Used for Font Type.
P2.3 Used for Font Type.

P2.1, P2.2 and P2.3 are used to specify the Font Type for the function. In most POS printers on the market it is possible to select an internal font called FONT A and B when available the FONT A or B is selected. The register will automatically format the data according to the type of printer installed. The following combinations are possible:

FONT 'A' STANDARD (1, 2, 3 are NOT SET)
FONT 'A' DOUBLE WIDTH (1 is SET and 2, 3 are NOT SET)
FONT 'A' DOUBLE HEIGHT (2 is SET and 1, 3 are NOT SET)
FONT 'A' DOUBLE WIDTH and HEIGHT (1 and 2 are SET and 3 is NOT SET)
FONT 'B' STANDARD (3 is SET and 1, 2 are NOT SET)
FONT 'B' DOUBLE WIDTH (1, 3 are SET and 2 is NOT SET)

FONT ‘B’ DOUBLE HEIGHT (2, 3 are SET and 1 is NOT SET)
FONT ‘B’ DOUBLE WIDTH and HEIGHT (1, 2, 3 are SET)

P2.4 Not used.
P2.5 Validation on Slip Printer.
P2.6 2 Line Validation on Slip Printer.
P2.7 Not used.
P2.8 If set the function is sent to external logging device.

Entry Limitation

It is possible to set an amount entry limitation on a department, PLU (if activated), tendering function, P.O. / R.A. function and discount function. The value programmed in the entry limitation field is setup as XY, where X is the most significant digit and Y the number of following ZEROES. For example when a limit must be set to 20000 the value for X is 2 and the value for Y is 4 so the value which must be programmed is 24. When a value of 00 is programmed there is do entry limit check, the maximum value of XY is 99 which is 9000000000.

NOTE 1:
Besides the programmed limit there is also an absolute limit of 999999999 on which is ALWAYS checked and there is also ALWAYS a check on the maximum value which can be stored in the reports. This value is programmed in the “Application Configuration -> Change Report Totalizer Sizes”.
NOTE 2:
When SYSTEM OPTION 187 is set and the Entry Limitation Field is Set to ZERO on the department (or PLU when configured) the register will NOT ALLOW the entry of a NEW PRICE for the PLU with the limit set to ZERO.

When the ENTRY is larger than the programmed, absolute or report totalizer limit the register will give ERROR 20 -> “Entry Too High !!”.

Total Sales File

File Extension: *appname*.Q01
Function# Key code: not available
Direct Key code: not available

Caption

In this field you can enter the name of the Total Sales record which is used for the display and the printer. The maximum length depends on the Total Sales File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file.

Group File

File Extension: *appname*.Q02
Function# Key code: not available
Direct Key code: not available

Caption

In this field you can enter the name of the Group which is used for the display and the printer. The maximum length depends on the Group File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file.

Options1

O1.1 Not used.
O1.2 Not used.

O1.3 Not used.
O1.4 Not used.
O1.5 Not used.
O1.6 Not used.
O1.7 Not used.
O1.8 Not used.

Options2

O2.1 Not used.
O2.2 Not used.
O2.3 Not used.
O2.4 Not used.
O2.5 Not used.
O2.6 Not used.
O2.7 Not used.
O2.8 Not used.

Department File

File Extension: *appname*.Q03
Department# Key code: 5000
Direct Department Key code: 5000 + department#

Caption

In this field you can enter the name of the Department which is used for the display and the printer. The maximum length depends on the Department File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file.

Group

In this field you program the group link for the department. When you program a value of ZERO the department will not be linked to a group and Total Sales.

Extra Group

When you want to create some special report totals you can activate a second Group in which the Department should report.

Options1

O1.1 If SET then ZERO PRICES are not allowed.
O1.2 If SET then the prices are negative!
O1.3 If SET then the Department Key is also used as Window Key to list all linked PLU's
O1.4 If SET then don't shift TAX status when TAX SHIFT is used.
O1.5 If SET then SCALABLE
O1.6 If SET Print Weight Info Line ("1.234 kg @ 10.00/kg") See also OPTION 133.
O1.7 If SET then the Department Key can ONLY be used as Window Key to list all linked PLU's
O1.8 Single Item.
When set the department item will be SINGLE ITEM. When an department with this option SET is registered as the first ITEM in a DIRECT SALE it will be automatically closed on TENDERING function number 1.

Options2

O2.1 If SET then only allowed by Manager Key or Clerk.
O2.2 One Quantity Ticket on Kitchen Printer.
O2.3 Double Tickets on Kitchen Printer.
O2.4 If set it is not allowed to enter a quantity with decimal point.
O2.5 If set and 1.5 is set then compulsory Tare Selection.
O2.6 When this option is set in the department/PLU the register will calculate with a price of 3 decimals. So when you program a price of 1,234 and sell one item the sales price will be 1,23 when you sell two the sales price will be 2,47 (2x1,234 = 2,468).

• The register will print/display the unit price with 3 decimals.
• This option only works when the number of decimals (System Parameter 59) in the system is set to 2

O2.7 Not used.
O2.8 Not used.

Entry Limitation

When required you can set an entry limitation on a department. See “FILE->ENTRY LIMITATION” for more details.

Print1 and Print2

These flags determine were the Department should be printed and/or displayed. See “FILE -> PRINT OPTIONS” for more details on the individual options.

Tax Selection

In this flag you program the Tax Selection for the department. It is possible to select more then one Tax Itemizer at the same time. When the TAX file is not active in the application this field will not be shown and when a Tax Itemizer which is not active is selected nothing will happen.

T.1 If SET add to Tax Itemizer 1.
T.2 If SET add to Tax Itemizer 2.
T.3 If SET add to Tax Itemizer 3.
T.4 If SET add to Tax Itemizer 4.
T.5 If SET add to Tax Itemizer 5.
T.6 If SET add to Tax Itemizer 6.
T.7 If SET add to Tax Itemizer 7
T.8 If SET add to Tax Itemizer 8.

Special Itemizer Selection

In this flag you program the Special Itemizer Selection for the department. It is possible to select more then one Special Itemizer at the same time. When the Special Itemizer file is not active in the application this field will not be shown and when a Special Itemizer which is not active is selected nothing will happen.

S.1 If SET add to Special Itemizer 1.
S.2 If SET add to Special Itemizer 2.
S.3 If SET add to Special Itemizer 3.
S.4 If SET add to Special Itemizer 4.
S.5 If SET add to Special Itemizer 5.
S.6 If SET add to Special Itemizer 6.
S.7 If SET add to Special Itemizer 7.
S.8 If SET add to Special Itemizer 8.

KP Selection

In this flag you program the Kitchen Printer Selection for the department. It is possible to select more then one Kitchen Printer at the same time. When the Kitchen Printer Selection is not active in the Department File Configuration this field will not be shown and when a Kitchen Printer which is not active is selected nothing will happen.

KP.1 If SET print on Kitchen Printer 1.
KP.2 If SET print on Kitchen Printer 2.
KP.3 If SET print on Kitchen Printer 3.
KP.4 If SET print on Kitchen Printer 4.
KP.5 If SET print on Kitchen Printer 5.
KP.6 If SET print on Kitchen Printer 6.
KP.7 If SET print on Kitchen Printer 7.
KP.8 If SET print on Kitchen Printer 8.

Action Table#

When you want to use special discount actions on this department you can specify the Action table selection. It will also apply to all PLU which select this department unless it is also selected on PLU level.

Condiment Table

When you want the register to prompt you for a Condiment Selection after you sell a DEPT you can specify here the condiment tables it should prompt for. It will also apply to all PLU which select this department unless it is also selected on PLU level. When you sell a PLU or department the register will prompt you for the condiment by showing the CONDIMENT window. The condiment option number corresponds with the Condiment Table# which will be shown. When OPTION 1-1 in the Condiment table is set you MUST make a selection else you can abort by pressing the CLEAR key. When a quantity bigger then ONE with no DECIMAL point is entered the register will show you the selected modifier with the quantity and you MUST confirm by pressing the MULTIPLY (X) key without entry or enter the required quantity on the MULTIPLY (X) key. When the entered quantity is no the same as the itme quantity the register will prompt again for the modifier until the entered quantity is reached. After the selection or pressing CLEAR the register will show the next condiment table when active. Note that in the Condiment Table you must program the KEYCODE of the condiment you want to display. At the moment only MODIFIERS (key code 4XXX) are supported!! ERROR MESSAGE# 49 (SELECT CONDIMENT) is given when selection of a condiment is compulsory.

PLU File

File Extension: *appname*.Q04
PLU# Key code: 10000
Direct PLU Key code: 10000 + PLU#

Code#

In this field you program the scan code for the PLU. When you enter a scan code which doesn't exist you will be asked if you want to create it. When you want to delete a scan code you must press the DEL key and you are asked if you want to delete the item. On the bottom of the screen you can see the maximum number of PLU which can be stored and how many are already used. When a new item is created it will be marked in the first column with "++", when you delete an item in will be marked with "—" and when you only change it it will be marked with '*'.

Caption

In this field you can enter the name of the PLU which is used for the display and the printer. The maximum length depends on the PLU File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file.

Extra Caption

In this field you can enter the name of the PLU which is used for the kitchen printer. The maximum length depends on the PLU File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file.

Department

In this field you program the Department link for the PLU. When you program a value of ZERO the PLU will not be active and will give ERROR 6. It will also not be printed in a PROGRAM DUMP on the register.

Extra Department

When you want to create some special report totals you can activate a second department in which the PLU should report. Note that it will NOT report in the Group of the second department !!

Group

When you want to create some special report totals you can activate a second Group in which the PLU should report.

Price (1-20)

Depending on the number of price levels in the configuration you can enter the prices here. Note that the check on the maximum price is done when you exit the menu. Prices which are larger then the maximum price size in the configuration are set to zero.

Cost price

Here you can program the cost price for this PLU. At the moment the cost price is only used in the inventory report. Note that prices larger then the maximum price size in the configuration are set to zero!

Link

When you want to link another PLU to this PLU you can enter the PLU number in this field. Note that the maximum LINK number when random codes are used is 65535

Action Table#

When you want to use special discount actions on this PLU you can specify the Action table selection.

Condiment Table

When you want the register to prompt you for a Condiment Selection after you sell this PLU you can specify here the condiment tables it should prompt for. When you sell a PLU the register will prompt you for the condiment by showing the CONDIMENT window. The condiment option number corresponds with the Condiment Table# which will be shown. When OPTION 1-1 in the Condiment table is set you MUST make a selection else you can abort by pressing the CLEAR key. When a quantity bigger then ONE with no DECIMAL point is entered the register will show you the selected modifier with the quantity and you MUST confirm by pressing the MULTIPLY (X) key without entry or enter the required quantity on the MULTIPLY (X) key. When the entered quantity is no the same as the itme quantity the register will prompt again for the modifier until the entered quantity is reached. After the selection or pressing CLEAR the register will show the next condiment table when active. Note that in the Condiment Table you must program the KEYCODE of the condiment you want to display. At the moment only MODIFIERS (key code 4XXX) are supported!! ERROR MESSAGE# 49 (SELECT CONDIMENT) is given when selection of a condiment is compulsory.

Inventory Quantity

In this field you can enter the inventory quantity for this PLU. Note that it will OVERWRITE the inventory which is stored in the register. When you load the program from the register it will show the actual inventory status. It is possible to link a PLU to an inventory PLU. This can be used to link for example a glass of wine to a bottle. Also see SYSTEM OPTION 192 when you want to use a UNIT size other then 1 for the inventory. When you put in the INVENTORY field the article code followed by ‘A’ the register will know that there is an inventory link.

By selection and an activated Store Management, it will show controls on the right side of the window. For more information’s look into the caption Store Management.

Inventory Amount

In this field you can enter the inventory amount for this PLU. Note that it will OVERWRITE the inventory which is stored in the register. When you load the program from the register it will show the actual inventory status.

Inventory Minimum Level

In this field you can enter the minimum inventory quantity for this PLU. When an inventory report is taken all PLU which are below the inventory level are reported.

Options1

O1.1 If SET then ZERO PRICE is not allowed.
O1.2 If SET then the price is negative!
O1.3 Not used.
O1.4 If SET then don’t shift TAX status when TAX SHIFT is used.
O1.5 If SET then SCALABLE
O1.6 If SET Print Weight Info Line (“1.234 kg @ 10.00/kg”)
O1.7 Not used.
O1.8 Single Item.
When set the item will be SINGLE ITEM. When an item with this option SET is registered as the first ITEM in a DIRECT SALE it will be automatically closed on TENDERING function number 1.

Options2

O2.1 If SET then only allowed by Manager Key or Clerk.
O2.2 One Quantity Ticket on Kitchen Printer.
O2.3 Double Tickets on Kitchen Printer.
O2.4 If set it is not allowed to enter a quantity with decimal point.
O2.5 If set and 1.5 is set then compulsory Tare Selection.
O2.6 Not used.
O2.7 Not used.
O2.8 Not used.

Entry Limitation

When required you can set an entry limitation on an individual PLU. See “FILE->ENTRY LIMITATION” for more details.

Print1 and Print2

These flags determine were the PLU should be printed and/or displayed. See “FILE -> PRINT OPTIONS” for more details on the individual options.

Tax Selection

In this flag you program the Tax Selection for this PLU. It is possible to select more then one Tax Itemizer at the same time. When the TAX file is not active in the application this field will not be shown and when a Tax Itemizer which is not active is selected nothing will happen.

T.1 If SET add to Tax Itemizer 1.
T.2 If SET add to Tax Itemizer 2.
T.3 If SET add to Tax Itemizer 3.
T.4 If SET add to Tax Itemizer 4.
T.5 If SET add to Tax Itemizer 5.
T.6 If SET add to Tax Itemizer 6.
T.7 If SET add to Tax Itemizer 7
T.8 If SET add to Tax Itemizer 8.

Special Itemizer Selection

In this flag you program the Special Itemizer Selection for this PLU. It is possible to select more then one Special Itemizer at the same time. When the Special Itemizer file is not active in the application this field will not be shown and when a Special Itemizer which is not active is selected nothing will happen.

S.1 If SET add to Special Itemizer 1.
S.2 If SET add to Special Itemizer 2.
S.3 If SET add to Special Itemizer 3.
S.4 If SET add to Special Itemizer 4.
S.5 If SET add to Special Itemizer 5.
S.6 If SET add to Special Itemizer 6.
S.7 If SET add to Special Itemizer 7.
S.8 If SET add to Special Itemizer 8.

KP Selection

In this flag you program the Kitchen Printer Selection for this PLU. It is possible to select more then one Kitchen Printer at the same time. When the Kitchen Printer Selection is not active in the PLU File Configuration this field will not be shown and when a Kitchen Printer which is not active is selected nothing will happen.

KP.1 If SET print on Kitchen Printer 1.
KP.2 If SET print on Kitchen Printer 2.
KP.3 If SET print on Kitchen Printer 3.
KP.4 If SET print on Kitchen Printer 4.
KP.5 If SET print on Kitchen Printer 5.
KP.6 If SET print on Kitchen Printer 6.
KP.7 If SET print on Kitchen Printer 7.
KP.8 If SET print on Kitchen Printer 8.

Store Management

QProg provides an additional stock control option with the PC. The inventory in the cash register therefore no longer serves any purpose. All stock levels are controlled on the PC and updated with every Store Management Update. The update option can be found under the menu item reporting. For using the Store Management the option must activate in the configuration of the PLU.

The option will be show on the right side of the window by selection an Inventory Quantity of a PLU. The options show the Status of the selected PLU, the cost, the amount and the quantity. These are the same information of the PLU table, the entries can edit in store management fields or in the table directly.

The inventory amount will automatically calculate. The quantity can increase and decrease by using the + and – button or set as a directly value in the table. By click on the + or – button the quantity value will change by the value in the text box above the button. If the quantity value is negative or under the inventory minimum value the quantity value will show in red letters.

In the option area on the right side exist two report options, the complete inventory report and a order report. The inventory report list and save all PLU´s or a selection of PLU´s in a CSV file. The order report list and save the PLU´s which are under the minimum value. Over the selection option can define if all PLU´s or a range of PLU´s should consider by generating the report. All data will save into a CSV file, this file can use for other programs (example Excel).

Tax File

File Extension: *appname*.Q05
Function# Key code: not available
Direct Key code: not available

Caption

In this field you can enter the name of the tax function which is used for the display and the printer. The maximum length depends on the Tax File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file.

Rate

In this field you enter the percentage rate for the tax function. The rate is always entered with 2 decimals and the theoretical maximum rate you can enter is 42949672.95. Note that the decimal point is not entered. For example when you want a rate of 19.00% you must enter 1900.

Exempt

When the tax type is set as ADDON you can program in this field an exempt amount. When the taxable itemizer is below this amount no tax is calculated. The theoretical maximum amount you can enter is 4294967295. Note that the decimal point is not entered. This means the amount is always enter in the smallest unit. For example DM 1,00 is entered as 100.

Options1

O1.1 TAX TYPE
SET
The type of TAX is ADDON and all prices are without tax. This type of TAX is printed and displayed before the tendering function and is added to the sale amount.
NOT SET
The type of TAX is VAT and all prices are inclusive tax. This type of TAX is printed at the bottom of the receipt and is not displayed.

O1.2 TAX TABLE CALCULATION
If Tax Type is ADDON and this option is set then calculate the tax using the TAX TABLE with breakpoints. When the EXEMPT Field is NON ZERO and the sales amount is ABOVE the EXEMPT amount the tax is calculated using the TAX RATE. When the sales amount is BELOW or EQUAL to the EXEMPT amount the TAX is calculated using the TAX TABLE.

O1.3 If SET then Singapore GST Calculation (Calculated on TOTAL SALES AMOUNT including taxes).

O1.4 If SET then Print Percentage in front of descriptor.
O1.5 If SET then don't print taxable (net) amount.
O1.6 If SET then don't print tax amount.
O1.7 If SET then also print tax and/or taxable when amount is zero also when the itemizer is not used. This makes it possible to always print the tax on the receipt even when it is not used in the sale.
O1.8 If SET then also print GROSS tax amount (Taxable+Tax).

Options2

O2.1 Combined VAT Itemizer. When SET the register will extract all VAT with this option SET before calculating the VAT. Used when prices are including multiple VAT rates.
O2.2 NON-TAXABLE Itemizer. All SALES without TAX selection is added/reported in this total.
O2.3 Tax Activation Required. When this option is set the register will only calculate (and add) the tax when it is activated by pressing the corresponding TAX SHIFT key for TAX1 (keyode 276) to TAX 4 (keycode 279) is pressed. If the TAX SHIFT key is not pressed before payment the TAX is not calculated.
This function can be used for a manual activation of a GST tax. For example when you want to add a manual gratuity amount to a sale you can do that by reserving a tax function with option 1-1, 1-3 and 2-3 set and press the corresponding TAX SHIFT key before payment.
It is possible to toggle the tax by pressing the TAX SHIFT function. When enabled the register will display the TAX name. When disabled the register will display the TAX name with PROGRAMMING TEXT# 97 ("No").
You must SET SYSTEM OPTION 156 (Tax Shift Reset after Sale) and NOT SET SYSTEM OPTION 155 (Tax Shift Reset after Item) else it will not work.
O2.4 CZ VAT Calculation. Special calculation of VAT for Czech Republic using coefficient. When set and the tax is of type VAT the the register uses a coefficient for VAT calculation.
- COEFFIENT=RATE/(100+RATE) rounded to 4 decimals
Example VAT = 19.00%
COEFFIENT=19/(100+19) = 0,1596638 rounded to 0,1597
When 11900,00 is sold in VAT 19% the calculation is 11900,00 * 0.1597=1900,43
Amount=11900,00
VAT = 1900,43
Taxable = 9999,57
O2.5 Not used.
O2.6 Not used.
O2.7 Not used.
O2.8 Rounding Total. It is possible to report the rounding total in the TAX REPORT. When in the LAST Tax Function OPTION 2-8 is SET.

Print1 and Print2

These flags determine were the Tax function should be printed and/or displayed. See "FILE -> PRINT OPTIONS" for more details on the individual options.

Irregular Break Points

When you are using break point tax you can specify the irregular break points in the table which will be shown on the right side of the screen when you click on this column. The maximum number of irregular break points depends on the configuration.

Regular Break Points

When you are using break point tax you can specify the regular break points in the table which will be shown on the right side of the screen when you click on this column. The maximum number of regular break points depends on the configuration.

Clerk File

File Extension: *appname*.Q06
Clerk# Key code: 2000
Direct Clerk Key code: 2000 + Clerk#

Caption

In this field you can enter the name of the Clerk which is used for the display and the printer. The maximum length depends on the Clerk File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file.

Options1

O1.1 If SET this clerk opens Drawer 1.
O1.2 If SET this clerk opens Drawer 2.
NOTE: When drawer opening is selected by clerk OPTION in the functions Drawer 1 & 2 MUST be set because a logical AND is done.

O1.3 If SET automatically open a Table List when a clerk is selected
It will open the table list window when 1.3 or 1.4 is set
When not set no list is opened.
O1.4 same like 1.3
O1.5 If SET this clerk has MANAGER authorization without manager key.
O1.6 If SET this is a TRAINING clerk and only updates itself in the report and no print on journal.
O1.7 If SET this clerk is ONLY allowed to take CLERK Reports
O1.8 If SET this clerk is ONLY allowed to take User Reports with DECLARATION option (2-4) SET.

Options2

O2.1 If SET then only allowed by Manager Key or Clerk.
O2.2 If SET suppress Kitchen Printer Tickets for this Clerk.
O2.3 If SET manager with limited functionality. No Easy Programming and Cancel function.
O2.4 When set the register will add 1 to the activated Kitchen Printer(s). This can be used in combination with Handhelds when they must issue the Kichen Tickets on another printer as with direct sales. For example when BAR tickets are programmed to print on Kitchen Printer #1 (parameter 21 – 24) they will be printed on Kitchen Printer# 2 (parameter 25 – 28) when the are ordered by a clerk with option 2.4 set.
O2.5 Use Handheld Printer 2: When set and the clerk is entering orders using a handheld the register will re-direct all RECEIPT Printer Output to the printer programmed in SYSTEM PARAMETER 174 and 175 (see below).
O2.6 Not used.
O2.7 If SET then this clerk can only select RG and X position of the LOCK.
O2.8 If SET then this clerk is not allowed to select the P position of the LOCK. When also O2.7 is set this clerk is NOT allowed to CHANGE to any position of the lock.

Secret Code

The secret code is fixed to 8 hexadecimal digits and must be entered when you want to select this clerk.
Note that when you want to use the DALLAS ibutton as clerk lock the secret code is also used for identifying the DALLAS ibutton. When the Secret Clerk Code is not active in the application the last hexadecimal digit of the 12 hex digit Ibutton Serial Number is used as Clerk Number. In this way the maximum number of clerks is 16 (0-F) and there are no unique keys!!

Sign On/Off Code

In this field you can program the Sign On/Off code which is required to sign on/off this clerk. The Sign On/Off code is fixed to 8 hexadecimal digits.

Commission Rate (not active yet)

In this field you can program the commission for this clerk. The commission is calculated during the clerk report using a designated Special Itemizer.

Payment Rates (not active yet)

When you want the register to automatically calculate the salary at printing of the report you can specify a maximum of 8 payment rates and start times. When you click on this column a table will be shown on the right side of the screen in which you can enter the payment rates and their start times.

Price Level

It is possible to assign a Price Level to a Clerk. When activated you can program a level for each clerk. When the level is set to ZERO it is not activated and the normal level is used. The level is used a a base level and

disables the level selected by the clock, balance or a level which is manually selected. Note that the shift on shift level still works in the same way as when the base level is selected by the clock.

Salesperson File

File Extension: *appname*.Q07
Salesperson# Key code: 3000
Direct Salesperson Key code: 3000 + Salesperson#

Caption

In this field you can enter the name of the Salesperson which is used for the display and the printer. The maximum length depends on the Salesperson File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file.

Options1

O1.1 Not used.
O1.2 Not used.
O1.3 Not used.
O1.4 Not used.
O1.5 Not used.
O1.6 Not used.
O1.7 Not used.
O1.8 Not used.

Options2

O2.1 If SET then only allowed by Manager Key or Clerk.
O2.2 Not used.
O2.3 Not used.
O2.4 Not used.
O2.5 Not used.
O2.6 Not used.
O2.7 Not used.
O2.8 Not used.

Secret Code

The secret code is fixed to 8 hexadecimal digits and must be entered when you want to select this salesperson..

Commission Rate (not active yet)

In this field you can program the commission for this salesperson. The commission is calculated during the salesperson report using a designated Special Itemizer.

Tender File

File Extension: *appname*.Q08
Tender# Key code: 700
Direct Tender Key code: 700 + Tender#

Caption

In this field you can enter the name of the tender function which is used for the display and the printer. The maximum length depends on the Tender File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file.

Options1

O1.1 If SET then Drawer 1 is opened.
O1.2 If SET then Drawer 2 is opened.
O1.3 If SET this function can be used to enter an amount (TIP) before payment.
O1.4 Debet Card Type.
O1.5 If SET then Amount Entry is Compulsory.
O1.6 If SET then Entry is not allowed.
O1.7 If SET EFT Card Function (Note EFT TERMINAL TYPE!!).
O1.8 If SET EFT Cheque Function (Only for France)

Options2

O2.1 If SET then only allowed by Manager Key or Clerk.
O2.2 If SET then OVERTENDERING is NOT ALLOWED and will result in ERROR# 20 (Entry to HIGH).
O2.3 If SET Print Signature Line General Message# 80.
O2.4 If SET Print Endorsement Message# 1 (When 2.4 and 2.5 set Message# 3).
O2.5 If SET Print Endorsement Message# 2 (When 2.4 and 2.5 set Message# 3).
O2.6 Ask for Number Entry.
When SET the register will ask the operator to enter a NUMBER. This number can be alpha-numeric and the maxiumum size is 32 characters/digits. The register uses GENERAL TEXT #48 (“Number: “) to prompt the operator and for printing. The operator can enter the number by using the keyboard or a scanner connected to SCANNER PORT 1 (Parameter 56) or SCANNER PORT 2 (Parameter 57). Instead of connecting a scanner to port 2 it is also possible to connect another device like a cheque reader or card reader which send the number terminated by carriage return.
O2.7 Round Amount using Rounding Type Parameter 91.When in the Tender Report configuration the DISCOUNT and SURCHARGE field are activated the register will report the round up in the discount field and the round down in the surcharge field and will also print the difference. General Text 66 is used for ROUND UP and general text 67 is used for ROUN DOWN in the report. You must NOT set SYSTEM OPTION 275 which is only for the fiscal system.
It is also possible to report the rounding total in the TAX REPORT. When in the LAST Tax Function OPTION 2-8 is SET. The rounding difference is printed on the receipt. When the rounding is NOT reported GENERAL TEXT# 66 is printed else the (last)TAX Function name. You should not set the option to round on payment SYSTEM OPTION 361.
O2.8 When set then the register will NOT print and display the CHANGE amount incase overtendering is done. This was requested for an installation were customers could pay with a special meal coupon on which change was not given. The change amount can still be reported in the OVERTENDER drawer number.

Entry Limitation

When required you can set an entry limitation on a tendering function. See “FILE->ENTRY LIMITATION” for more details.

Print1 and Print2

These flags determine were the Tender function should be printed and/or displayed. See “FILE -> PRINT OPTIONS” for more details on the individual options.

Drawer#

In this field you can program the drawer number to which the amounts paid by this tendering function should be added. The tendering function report will only report the total amount of the function and this can be different from the drawer total because the drawer total reports what amount should be in the drawer.

Overtender Drawer#

In this field you can program the drawer number in which the change amounts for this tendering function should be added. This can be used to subtract change on checks from the “cash in drawer” total or to report change as “tip”.

Drawer File

File Extension: *appname*.Q09
Drawer# Key code: 800

Direct Drawer Key code: 800 + Drawer#

Caption

In this field you can enter the name of the drawer function which is used for the display and the printer. The maximum length depends on the Drawer File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file.

Options1

O1.1 If SET this function is an Open Drawer Function and Opens Drawer 1.
O1.2 If SET this function is an Open Drawer Function and Opens Drawer 2.
O1.3 Not used.
O1.4 Not used.
O1.5 If SET and also OPTION 1.1 or OPTION 1.2 is set then the function can also be used for NUMBER entry. When no entry is done on the function it will be processed as an OPEN DRAWER function else the entry will be processed as number entry.
If SET and ALL OTHER OPTIONS are NOT SET it can be used for Alpha Numeric Entry. See SYSTEM OPTIONS 170 for more details.
O1.6 Don't include in Cash Declaration
O1.7 No Open Drawer during Transaction.
O1.8 Cash Declaration Function. This function can be used to start cash declaration in R-mode. Also see SYSTEM OPTION 214.

Options2

O2.1 If SET then only allowed by Manager Key or Clerk.
O2.2 Loyalty Function. When set and a loyalty terminal is connected the function can be used to sent the subtotal amount to the Loyalty terminal. See also SYSTEM PARAMETER 160.
O2.3 Not used.
O2.4 Not used.
O2.5 Not used.
O2.6 Not used.
O2.7 Not used.
O2.8 Not used.

Print1 and Print2

These flags determine were the Drawer function should be printed and/or displayed. See "FILE -> PRINT OPTIONS" for more details on the individual options.

P.O. and R.A. File

File Extension: *appname*.Q10
PoRa# Key code: 900
Direct PoRa Key code: 900 + PoRa#

Caption

In this field you can enter the name of the tender function which is used for the display and the printer. The maximum length depends on the PoRa File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file.

Options1

O1.1 If SET then Drawer 1 is opened.
O1.2 If SET then Drawer 2 is opened.
O1.3 Not used.
O1.4 Debet Card TYpe.
O1.5 If SET then Received on Account (++) function else Paid Out (--).

O1.6 SINGLE ITEM

If NOT SET the function is single item and drawer is taken from DRAWER# else from the Tendering Function.

O1.7 DEPOSIT
If SET then used as a Deposit function for Balances. Balance is compulsory and drawer is taken from DRAWER# number. Single Item is not possible.

O1.8 EFT Card Function.

Options2

O2.1 If SET then only allowed by Manager Key or Clerk.
O2.2 Not used.
O2.3 If SET Print Signature Line General Message# 80.
O2.4 Coupon Function (see below).
O2.5 Update Drawer Total
This option can be used to add or subtract an amount directly from a drawer total inside a normal transaction.
O2.6 Ask for Number Entry.
When SET the register will ask the operator to enter a NUMBER. This number can be alpha-numeric and the maxiumum size is 32 characters/digits. The register uses GENERAL TEXT #48 (“Number: “) to prompt the operator and for printing. The operator can enter the number by using the keyboard or a scanner connected to SCANNER PORT 1 (Parameter 56) or SCANNER PORT 2 (Parameter 57). Instead of connecting a scanner to port 2 it is also possible to connect another device like a cheque reader or card reader which send the number terminated by carriage return.O2.7 Not used.
O2.8 EFT Card Function.

<u>COUPON FUNCTION (O2.4)</u>
For ISSUING a COUPON you must program the PORA function as a RECEIVED ON ACCOUNT function with OPTION 1-5 SET and 2-4 SET. You enter the amount of the COUPON on the function and when the transaction is finalised the register will issue a COUPON for every entry done. On the COUPON the RECEIPT Logo & Header, Amount with GENERAL TEXT# 93 ("Coupon:"), a barcode and the Time and Date of issuing is printed. The maximum COUPON amount is 999,99 or as programmed in the Entry Limitation.

For PROCESSING a COUPON you must program the PORA function as a PAID OUT function with OPTION 1-5 NOT SET and 2-4 SET. When you want to process a COUPON you must press the function WITHOUT entry and then the register will prompt (GENERAL TEXT# 93) you for entering the COUPON number either manually or by scanning the barcode. The register will check the entered or scanned code and when valid it will process the COUPON.

It is possible to use the function as "Single Item" when OPTION 1-6 is NOT set.

In GENERAL TEXT #99 the START, END of the barcode and the FUNCTION number used for processing a Coupon Barcode must be programmed. It is fixed to 4 digits START and 3 digits END code and 2 digits function number (KKKKEEE##). When "888898804" is programmed the START (KKKK) will be 8888 and the END (EEE) will be 988 and the Coupon function number (##) is PORA function #4.

Automatic Coupon Scanning. The barcode can be scanned and automatically processed on a special PORA function. The number of the function can be programmed in GENERAL TEXT# 99. The register will check if the EEE field of the code matches the EEE field as programmed SPECIAL TEXT# 99 and process the code as if it was entered manually on the programmed function#.

The barcode format is ITF (Interleaved 2 of 5) with fixed 20 digits.
KKKKNNNNXXXPPPPPEEEC

KKKK = cost center. These are the first 4 digits as programmed in GENERAL TEXT# 99.
NNNN = These are the last 4 digits of the receipt number when the Coupon In/Out File is NOT ACTIVE active. When thee Coupon In/Out file is ACTIVE it is a special coupon issued number which is incremented with each coupon issued.
XXX = These digits are always 0.
PPPPP = Price in Cent (max 999,99 Euro)
EEE = END Digit numbers 5, 6 and 7 as programmed In GENERAL TEXT #99.
C = Check digit (Modulo 10, Weight 1313131313131313131)

Entry Limitation

When required you can set an entry limitation on a PORA function. See “FILE->ENTRY LIMITATION” for more details.

Print1 and Print2

These flags determine were the PORA function should be printed and/or displayed. See “FILE -> PRINT OPTIONS” for more details on the individual options.

Drawer#

In this field you can program the drawer number to which the amounts registered by this PORA function should be added. The PORA function report will only report the total amount of the function and this can be different from the drawer total because the drawer total reports what amount should be in the drawer.

Discount File

File Extension: *appname*.Q11
Discount# Key code: 1000
Direct Discount Key code: 1000 + Discount#

Caption

In this field you can enter the name of the discount function which is used for the display and the printer. The maximum length depends on the Discount File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file.

Rate

In this field you enter the fixed percentage rate or amount discount for the discount function. The percentage rate is always entered with 2 decimals and the theoretical maximum rate you can enter is 42949672.95. In case of a fixed amount discount the maximum is 4294967295. Note that the decimal point is not entered. For example when you want a rate of 19.00% you must enter 1900 and when you want an amount of DM 19,00 you also must enter 1900.

Exempt

In this field you can enter an exempt amount. When the discountable amount (subtotal or item) is below this amount no discount is allowed and ERROR# 21 “Discount Not Allowed” is given. The theoretical maximum amount you can enter is 4294967295. Note that the decimal point is not entered. This means the amount is always enter in the smallest unit. For example DM 1,00 is entered as 100.

Special Itemizer Selection

In this flag you program on which Special Itemizer(‘s) the discount is given. It is possible to select more then one Special Itemizer at the same time. When the Special Itemizer file is not active in the application this field will not be shown. When the discount is an item discount the item MUST also have the selected Special Itemizer Selection active else ERROR# 21 will be given. When NO Special Itemizer is selected the discount is always allowed on the subtotal amount or item. This selection can be used to allow discounts only on specific items like food, drinks, employee discounts etc.

S.1 If SET allow discount on Special Itemizer 1.
S.2 If SET allow discount on Special Itemizer 2.
S.3 If SET allow discount on Special Itemizer 3.
S.4 If SET allow discount on Special Itemizer 4.
S.5 If SET allow discount on Special Itemizer 5.
S.6 If SET allow discount on Special Itemizer 6.
S.7 If SET allow discount on Special Itemizer 7.
S.8 If SET allow discount on Special Itemizer 8.

Options1

O1.1 If SET then the Discount is an Amount Discount else it is a Percentage Discount.

O1.2 If SET then the Discount is POSITIVE (PLUS) else Negative (DISCOUNT)
O1.3 If SET then FIXED Discount else OPEN or when a RATE is programmed OPEN/FIXED.
O1.4 If SET then ITEM Discount else SUBTOTAL Discount.
O1.5 If SET and ITEM Discount set then also SUBTOTAL Discount when SUBTOTAL depressed!
O1.6 If SET then Print Percentage in front of descriptor.
O1.7 If SET then print Subtotal when Subtotal discount.
O1.8 Not used.

Options2

O2.1 If SET then only allowed by Manager Key or Clerk.
O2.2 Not used.
O2.3 Not used.
O2.4 Not used.
O2.5 If SET then update individual items.
O2.6 If SET don't update TAX itemizers.
O2.7 If SET don't update SPECIAL Itemizers.
O2.8 If SET extract VAT#1 from the discountable amount and give the discount on the NET account

- This function was made for the Philippines where they only have 1 VAT rate and a special "Senior Citizen Discount" which extracts the VAT amount and at the same time give discount on the NET amount.
- The function works for ITEM and/or SUBTOTAL discounts.
- Example for a sale of 100,00 on VAT 12% and DISCOUNT 20%

```
1 WHISKY                100,00      <----------  Sale of Item
  12% VAT1              -10,71      <---------- Discount which extracts VAT1
 -20% DISCOUNT          -17,86      <---------- Discount on NET
-----------------------------------------------
 1 Total                 71,43
   12% VAT1               0,00
   Cash                  71,43
```

- is also set OPTION 2.6 ("Don't update Tax Itemizers) is set the register will Extract VAT# 1 from the discountable amount for the discount calculation but it will NOT subtract the VAT. This function is made for the Philippines where they only have 1 VAT rate and a special "Senior Citizen Discount" which extracts the VAT amount for discount/charge calculation. The function works for ITEM and/or SUBTOTAL discounts/charges.

- Example for a sale of 100,00 on VAT 12% and CHARGE of 10%:

```
1 WHISKY                100,00      <----------  Sale of Item
 10% CHARGE               8,93      <---------- Discount on NET (10% on 89,29)
-94-----------------------------------------------
 1 Total                108,93
   12% VAT1              10,71
   Cash                 108,93
```

Entry Limitation

When required you can set an entry limitation on a DISCOUNT function. See "FILE->ENTRY LIMITATION" for more details. Depending on the function type the limitation is an amount or a percentage limit. Note that when it is a percentage limit the rate is always including decimals (2% is checked as 200 except when the decimal point is entered !).

Print1 and Print2

These flags determine were the DISCOUNT function should be printed and/or displayed. See "FILE -> PRINT OPTIONS" for more details on the individual options.

Correction File

File Extension: *appname*.Q12
Correction# Key code: 1100
Direct Correction Key code: 1100 + Correction#

Caption

In this field you can enter the name of the correction function which is used for the display and the printer. The maximum length depends on the Correction File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file.

Options1

O1.1 Function Type.
O1.2 Function Type.
O1.3 Function Type.
O1.4 Function Type.
O1.1, O1.2, O1.3 and O1.4 determine the type of correction function. The following functions are possible:

ERROR CORRECTION (1, 2, 3, 4 are NOT SET)
The E.C. function is used to automatically correct the last entered item. You must depress the key directly after the wrong item or else you will get ERROR MESSAGE #1. It can also used to correct a previously entered item in the current transaction using the arrow keys. Select the item using the arrow keys and then press the E.C. key.

VOID (1 is SET and 2, 3 , 4 are NOT SET)
The VOID function is used to correct a previously entered item in the current transaction. When you try to correct an item which was not sold the register will give ERROR MESSAGE #15. This function can also be used to correct TENDERING functions inside or outside a transaction.

REFUND (2 is SET and 1, 3 , 4 are NOT SET)
The REFUND function is used to refund an item and can be used when an item is returned or needs to be corrected after the transaction is closed.

CANCEL (1, 2 are SET and 3 , 4 are NOT SET)
The CANCEL function is used to cancel a complete transaction. When depressed the register will cancel to current transaction and also automatically correct the reports. The function can only be used when the transaction is not closed yet else you will get ERROR MESSAGE #1. Note that when a subtotal discount is given you will have to correct this first.

TRANSACTION REFUND (3 is SET and 1, 2 , 4 are NOT SET)
The TRANSACTION REFUND is used to CANCEL a transaction by re-entering the complete transaction. The TRANSACTION REFUND function stays active for a complete transaction and doesn't update the Customer Counter and doesn't sent the transaction to the Kitchen Printers.

TENDER CORRECTION (1, 3 are SET and 2, 4 are NOT SET)
The TENDER CORRECTION function is used to correct a TENDER function. Incase it is not allowed to have a normal CORRECTION function you can use this function when you want only to correct tender functions. This function can be used to correct TENDERING functions inside or outside a transaction.

ADD/INSERT CONDIMENT (2, 3 are SET and 1, 4 are NOT SET)
This function can be used to ADD/INSERT an extra condiment to an article which has condiment selection active. You must first select the article using the Up or Down keys or by touching it. Then press the function key. The register will now re-open the article condiment selection menu. Select the condiment which must be added.Note that you must set the system to print the receipt at payment else the modifier is printed when selected.

O1.5 Not used.
O1.6 Not used.
O1.7 Not used.
O1.8 Not used.

Options2

O2.1 If SET then only allowed by Manager Key or Clerk.
O2.2 Not used.
O2.3 Not used.
O2.4 Print Endorsement #4 with TRANSACTION REFUND. When in a correction function of type TRANSACTION REFUND (1-3 SET) this option is also set endorsement #4 is printed. This can be used to print a special messages or signature line in case of a transaction refund.
O2.5 Not used.

O2.6 Not used.
O2.7 Not used.
O2.8 Not used.

Print1 and Print2

These flags determine were the correction function should be printed and/or displayed. See “FILE -> PRINT OPTIONS” for more details on the individual options.

Foreign Currency File

File Extension: *appname*.Q13
Currency# Key code: 1200
Direct Currency Key code: 1200 + Currency#

Caption

In this field you can enter the name of the foreign currency function which is used for the display and the printer. The maximum length depends on the Foreign Currency File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file.

Prefix

In this field you can enter the Prefix which is printed in front of the amount in this currency on the printer (‘s). The prefix has a maximum length of 3 characters. When you don’t want a prefix be sure the field is empty otherwise spaces are taken as prefix. Note that the prefix is only used for the printer(‘s) and is never shown on the display(‘s).

Rate

In this field you enter the conversion rate for the currency. The rate is always entered with 5 decimals and the theoretical maximum rate you can enter is 42949.67295. Note that the decimal point is not entered. For example when you want a rate of 1.5 you must enter 150000. The rate is used to calculate the foreign currency and depending on Option 1-4 the local currency is multiplied or divided by the rate. When you set that the rate is used to divide it is the value of the foreign currency in local currency. When you set that the rate is used to multiply it is the value of the local currency in the foreign currency. For example for conversion from LOCAL to EURO the local currency must be divided by the rate to get the EURO amount and for conversion from EURO to LOCAL the EURO amount must be multiplied by the rate.

Options1

O1.1 Number of decimals.
O1.2 Number of decimals.
O1.3 Number of decimals.
The number of decimal for the foreign currency is programmed as a combination of O1.1, O1.2 and O1.3.

1	No options SET.
1,0	O1.1 SET.
1,00	O1.2 SET.
1,000	O1.1 & O1.2 SET.
1,0000	O1.3 SET.
1,00000	O1.1 & O1.3 SET.
1,000000	O1.2 & O1.3 SET.
1,0000000	O1.1 & O1.2 & O1.3 SET.

O1.4 If SET then the local currency is multiplied instead of divided by the programmed rate to get the foreign currency.

O1.5 If SET the register will give CHANGE in the FOREIGN Currency.
O1.6 If SET the register will give the decimal change (which depends on the decimals in the Foreign Currency) in LOCAL CURRENCY and the rest in FOREIGN CURRENCY. On the Printer and Display the change will be shown in Local and Foreign Currency.
Example:

Here is an example of this as if it was being used in Canada (the foreign currency would be U.S. dollars using a rate of 0.666000). If the total amount due came to $10.00 (Canadian funds), and the customer want to pay in foreign currency (U.S.) the amount would be $6.66. If they pay with $10.00 (U.S.) the change would be given as follows:

$3.00 (U.S.) foreign currency
$0.51 (Canadian)

These amounts are calculated from the base that when the customer pays with the $10.00 (U.S.) the complete change in U.S. would be $3.34. The $3.00 is a whole number and will be given as $3.00 U.S. The $0.34 will be converted into Canadian funds and taken out of the local currency drawer total.

O1.7 Print Conversion Rate.
O1.8 When SET the register will not print the TENDER function with the local currency amount when an amount has been entered.

Options2

O2.1 If SET then only allowed by Manager Key or Clerk.
O2.2 Not used.
O2.3 Not used.
O2.4 Not used.
O2.5 Not used.
O2.6 Not used.
O2.7 Not used.
O2.8 Not used.

Print1 and Print2

These flags determine were the DISCOUNT function should be printed and/or displayed. See “FILE -> PRINT OPTIONS” for more details on the individual options.

Drawer#

In this field you can program the drawer number to which the amounts registered by this PORA function should be added. The PORA function report will only report the total amount of the function and this can be different from the drawer total because the drawer total reports what amount should be in the drawer.

User Report File

File Extension: *appname*.Q14
Report# Key code: 1700
Direct Report Key code: 1700 + Report#

Caption

In this field you can enter the name of the User Report which is used for the display and the printer. The maximum length depends on the User Report File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file.

Options1

O1.1 If SET then Drawer 1 is opened when the report is finished successfully.
O1.2 If SET then Drawer 2 is opened when the report is finished successfully.
O1.3 Not used.
O1.4 If Set this user report can be taken by a clerk.
When a clerk has OPTION 1.7 “Only Clerk Reports” set he can normally only take User Reports which have OPTION 1.5 “Clerk Totals Only” set on all other reports ERROR# 48 “Not Authorized” is given. When you set OPTION 1.4 (and not set 1.5) in a USER REPORT this report can also by taken by a CLERK which has OPTION 1.7 set. In this way it is possible to block only certain reports for a clerk.

O1.5 If SET then this is a CLERK REPORT and only CLERK totals are printed.
Note that all links which are not clerk are NOT printed.

O1.6 If SET then this is a SALESPERSON REPORT and only SALESPERSON totals are printed.
Note that all links which are not salesperson are NOT printed.

O1.7 If SET then the REPORT is an ALL CLERK or ALL SALESPERSON REPORT.
Note that Option O1.5 or O1.6 must also be set!

This option is used to change the sequence in which the register prints the report links in Clerk and/or Salesperson reports. When set the register prints all report links for each clerk/salesperson instead of printing all report links and for each link the clerk/salesperson total. Now this option can also be used for Zone Reports (time, day, week, month). Note that all report links have the same zone type.

O1.8 If SET then Report is NETWORK REPORT.

Options2

O2.1 Suppress X-Counter.
O2.2 Suppress Z-Counter.
O2.3 Reset Receipt# and Training Receipt# in Z-mode
O2.4 Requires Cash Declaration.
O2.5 NRGT on Z-Report.
O2.6 Store In Report Journal (See report journal config for info).
O2.7 Report is NOT allowed in X-Mode.
O2.8 Report is NOT allowed in Z-Mode.

When OPTION 2.7 and 2.8 are BOTH set in the USER REPORT the report cannot be taken in X or Z MODE on the register but can still be taken by computer. When only 2.7 or 2.8 is set the option also works for the computer reports. In this way it is possible to block reports on the register so they can only be taken by the computer.

Print1 and Print2

These flags determine were the Report be printed. See “FILE -> PRINT OPTIONS” for more details on the individual options.

List

When you click on this column a special menu will be shown on the right side of the screen in which you can enter for each entry in the linked report list the options, period, file type, start record, end record, pointer type, pointer start and pointer end. The start and end fields are shown depending on the file type and pointer type.

NOTE:
When you select a period, file type or pointer type which are not activated in the configuration they will automatically skipped from the report.

Active Link#

In this list box you select the link you are programming. The maximum number of links depends on the User Report File Configuration.

Options

O1 Print “Soft” Total.
O2 Don’t Reset LINK in Z-Mode.
O3 When Set Start/End is Department Range.
O4 No ZERO Skip (Print All Totals).
O5 When SET the register will do a percentage comparison on the totals in the link. It will first calculate the total of all totals in the link which can take some time when you activate this feature in a large PLU or NETWORK REPORT because the register has to process the report link two times!! It will calculate the percentage of each total compared to the link total and print it on the last line with GENERAL TEXT# 60. NOTE that this calculation is ONLY done on the REGISTER and NOT when the report is taken by COMPUTER.
O6 PLU by DEPARTMENT in USER Report. When in the USER REPORT LIST option 6 is set and the list is a PLU report the register will print the PLU sorted by department. You can use it in combination with option 3 (Department Range) if only a specific department range is needed.Not used.
O7 Not used.
O8 Not used.

Period#

In this list box you select the period which should be processed in this report link. There are 4 periods possible. Note that the period you select for a file MUST be active in the file report construction else nothing will appear on the report.

File Type

In this list box you select which file should be processed in this link of the report. Note that the file you select MUST be active in the file report construction else it will not appear on the report. In this list box you can also select “END OF LIST” which indicates that this is the last link in the linked report list of this user report.

File Start Record

When you only want a specific range of records to appear on this link in the report you can specify the start and end record number. When you enter a value of ZERO in both the start and end field all records are processed. The start and end field will only be shown when the selected file type has more then one record!

File End Record

See File Start Record.

Pointer Type

In this list box you select the pointer type which should be processed in this report link. There are 7 pointer types available. Note that the pointer type you select for a file MUST be active in the file report construction else nothing will appear on the report.

Pointer Start Record

When you only want a specific range of pointer numbers to appear on this link in the report you can specify the start and end pointer number. When you enter a value of ZERO in both the start and end field all records are processed. The start and end field will only be shown when the selected pointer type has more then one record!

Pointer End Record

See Pointer Start Record.

Balance Functions File

File Extension: *appname.*Q15
Balance Function# Key code: 1300
Direct Balance Function Key code: 1300 + Balance Function#

Caption

In this field you can enter the name of the balance function which is used for the display and the printer. The maximum length depends on the Balance File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file.

Options1

O1.1 Function Type.
O1.2 Function Type.
O1.3 Function Type.
O1.4 Function Type.
O1.1, O1.2, O1.3 and O1.4 determine the type of balance function. To which type of Balance the function applies is determined by O1.5 and O1.6. The following functions are possible:

> *OPEN/ADD/CLOSE (1, 2, 3, 4 are NOT SET)*
> The OPEN/ADD/CLOSE function is used to OPEN a NEW, OPEN for ADD or CLOSE an already OPENED Balance Total. When you try to open a non-existing balance you will get ERROR MESSAGE #27 “Invalid Balance”. PLEASE NOTE that the OPEN/ADD/CLOSE functions must be FUNCTION# 1, 2 and 3 because this is REQUIRED by the program for special processing like AUTOFINALIZING.

SELECT BALANCE BILL (1 is SET and 2,3,4 are NOT SET)
When this key is pressed before a balance is closed or paid the BILL is printed according to the print options. When closed by a TENDER function Message# 54 “INVOICE” with the invoice number is printed above the Balance Number. When closed by a balance function (see also OPTION# 36) the Message# 53 “NO INVOICE” is printed above the balance number. Note that also the VAT information is not printed.

NOTE:

When a BILL type is selected and not printed yet it can be cancelled by pressing the CLEAR key.

PRINT BALANCE BILL (2 is SET and 1,3,4 are NOT SET)
When the Balance Number is entered on this key the register will print the INVOICE for this Balance when available else ERROR# 36 is given. When the invoice is printed the it must be closed by a TENDER function.

PRINT OR SELECT BALANCE BILL (1, 2 are SET and 3,4 are NOT SET)
This is a combination of the SELECT and PRINT BALANCE BILL function.

TRANSFER BALANCE (3 is SET and 1,2,4 are not SET)
This function can be used to transfer the contents of a balance to another balance.

SPLIT BALANCE (1, 3 are SET and 2, 4 are NOT SET)
This function can be used to split the bill when the balance is paid by different persons.

OPEN AUTOMATIC BALANCE (2, 3 are SET and 1, 4 are NOT SET)
This is a special function for the DRY-CLEANING system. When the key is pressed at the end of the transaction the register will automatically store the transaction on the first free balance number. When the balance number is entered on this key at the start of the transaction the register will open the balance when the balance is used and after opened the balance can be paid or closed.

NOTE:

When Free Assignment of Balance Numbers is used this function will give ERROR# 6 (Invalid Function).

COVERS (1, 2, 3 are SET and 4 is NOT SET)
This function can be used to enter the number of covers or guests for a balance or direct sale. Also check SYSTEM OPTION 159.

TRANSFER CLERK (4 is SET and 1, 2, 3 are NOT SET)
This function can be used to transfer balances from one clerk to another.
* To TRANSFER all balances of ONE clerk to another you must SELECT the CLERK, PRESS the TRANSFER function and then select the new CLERK by key or by clerk lock.
* To TRANSFER ONE balance you must OPEN the BALANCE, PRESS the TRANSFER function and then select the new CLERK by key or by clerk lock.
* When CLEAR is pressed before a new clerk is selected the TRANSFER is aborted!
* When all balances are transferred the register will issue a receipt according to the print options of the transfer function.
* When ONE balance is transferred the receipt is only issued when the BALANCE OPEN function is printing. It is also possible to get a copy receipt.
* When OPTION 1-5 and 1-6 (balance TYPE) are BOTH set you can only use the function to TRANSFER ONE balance because the register doesn’t know what type of balance to transfer when it is not opened first. When a BALANCE TYPE is specified by OPTION 1-5 and 1-6 you can use the function to transfer all balances.
* The register will UPDATE the TRANSFER FUNCTION in the report. When transferring OUT the balance amount is deducted and when transferring IN the amount is added. This means that the CLERK transferring the balance has a negative amount and the CLERK receiving has a positive amount.When OPTION 338, 339 or 334 is set the register will now show the transferred amount as negative in the receiving clerk and positive in the transferring clerk. This is done so the transferring clerk gets the turnover in his report.
* When using FLOATING BALANCES the register will also transmit the transfer to the other registers.

RE-ACTIVATE TABLE (1, 4 are SET and 2, 3 are NOT SET)
When SYSTEM OPTION 252 is SET a TABLE can be re-activated by this function.

* The other options and print options work the same as for the open table function and it is advised to use the same settings.
* When you press the RE-ACTIVATE function without entry the register will display a list of tables which can be activated. When you enter the table number on the key the register will try to re-activate the table.
* The register will report the re-activated amount in the function. This can be used to check the invoices issued. The total of INVOICES issused should match the total ordered plus re-activated.
* Only TABLES can be activated so this fucntion DOESN'T work for ROOMS and/or ACCOUNTS.
* When the ITEM buffer is full the register will automatically remove the first TABLE found which is closed so this TABLE cannot be re-activated.
* Because the TABLE items stay in the buffer until the TABLE is opened again it is advised to reserve enough space for the BALANCE ITEM BLOCKS BUFFER.
* When the TABLE report is taken in Z-mode the tables are cleared and cannot be re-activated anymore.

DIRECT BALANCE SALE (2, 4 are SET and 1, 3 are NOT SET)
SPECIAL BALANCE FUNCTION type for DIRECT SALE. The options and print options work the same as for a normal open balance function and it is advised to use the same settings except for the print options. When a balance is opened with this function it can only be closed by a TENDER function so it acts like a direct sale but it can be used to re-call balance information like Balance Text, Price Level and Discount for a customer which are then printed and activated for this one customer. When you activate PERIOD 2 in the balance configuration you can also keep track of the total sales done by this customer. There is no need to acivate the storing of articles because when the transaction is started with this type of function they are never stored.

CHANGE BALANCE TEXT (1, 2, 4 are SET and 3 is NOT SET)
SPECIAL BALANCE FUNCTION for changing the balance text in registration mode. When pressed the register will open the programming window for changing the balance text of the active balance. (See also OPTION 289 and 321).

TRANSFER ONLY (3 and 4 are SET and 1 and 2 are NOT SET)

BALANCE function for transferring a balance to another balance which will check if the new balance is open. When you try to transfer to an open balance ERROR# 38 (Balance Used) is given.

DIVIDE BILL (1, 3 and 4 are SET and 2 is NOT SET)

This function can be used to SPLIT a BALANCE BILL by number of Persons. You must open the balance and then you must enter the number of Persons (maximum 99) on the key and close by a TENDERING function.
A SUBTOTAL BILL is not possible!
The register will first issue the normal invoice on the specified printer. When the receipt is not set the normal invoice will not be printed and only the additional bills are printed!
The normal invoice will be printed on the journal and also stored in the Electronic Journal when specified. On the invoice there will be a message with the number of persons to indicate the bill was divided.
The register will issue the entered number of bills. Each bill will contain an amount which is equal to the total amount divided by the number of persons.
GENERAL MESSAGE# 90 "Complete Meal" with the amount is printed instead of the detailed bill.
GENERAL MESSAGE# 106 "Divided Bill" with the bill number and total number of bills is printed on top of the bill.
The "divided" bill will have the same Invoice and Receipt number as the normal bill and is only printed on the receipt printer and not stored in the Electronic Journal.

Example:

```
1/3 Divided Bill              --> 1 of 3 bills
INVOICE#                  1
TABLE #                   1
==========================
   Complete Meal     11,00   ---> 1/3 of the original 33,00
--------------------------
   Total             11,00
10% VAT               1,00
CASH                 11,00
```

Entering ORDER INFO (2,3,4 are set and 1 is NOT SET)

When the order is open and the function is selected the register will ask you:

- PICKUP or DELIVERY
- DATE (max 365 days ahead)
- TIME starting from 8:00 (to 7:30)

The entered information is stored on the balance and printed on the order and on the KP tickets when used. Note that every time the function is used it will overwrite the order info which is already stored so when the order date has to be changed the function can be used again to enter a new date.

- GENERAL TEXT# 112 is used for "PICKUP".
- GENERAL TEXT# 113 is used for "DELIVERY".

O1.5 Balance Type
O1.6 Balance Type
O1.5 and O1.6 are used to specify the balance total for which this function is used.

TABLE TOTAL (O1.5, O1.6 are NOT SET)
This function can only be used for Table Totals.

ROOM TOTAL (O1.5 is SET, O1.6 is NOT SET)
This function can only be used for Room Totals.

ACCOUNT TOTAL (O1.5 is NOT SET, O1.6 is SET)
This function can only be used for Account Totals.

ALL TOTALS (O1.5 is SET, O1.6 is SET)
This function can be used for all totals but only applies for functions which are available when a balance is already open like Print Bill, transfer, Split bill etc!!

O1.7 If SET then display the current balance items in on the screen (only multiline!!) when opened. The items are always stored in the Transaction Buffer so it is always possible to scroll back using the ARROW or PAGE keys.

O1.8 If SET then automatically close the previous balance when a new number is entered. Only valid for OPEN/ADD/CLOSE function type!!

NOTE: When AUTOFINALIZING is activated in Program Options you MUST be sure that FUNCTION 1 is programmed as a CLOSE TABLE function. When you are also using ROOMS and/or ACCOUNTS you must program FUNCTION 2 as CLOSE ROOM and FUNCTION 3 as CLOSE ACCOUNT also when your are NOT using AUTOFINALIZING!

Options2

O2.1 If SET then only allowed by Manager Key or Clerk.

O2.2 If SET print ENDORSEMENT MESSAGE# 1 when closed on a TENDER function.
Note that the Message is only printed according to the Print Options in the message and of the Balance function.

O2.3 Suppress Invoice#

O2.4 If SET Print/Display NEW BALANCE when ordered.
O2.5 If SET Print OLD BALANCE. When OPTION 2-4 and ALSO OPTION 2-5 are set in the Balance Function used to OPEN/CLOSE a balance the register will display/print the OLD and NEW BALANCE instead of the ORDERED amount when the balance is closed. The OLD (stored) balance is printed with GENERAL TEXT #41 (Balance) and the NEW balance is printed with the text of the balance function.

O2.6 Transfer to KP7 & KP8. This option is only valid for the TRANSFER BALANCE (1-3 is SET and 1-1,1-2,1-4 are not SET) and TRANSFER ONLY (1-3 and 1-4 are SET and 1-1 and1- 2 are NOT SET) function. When set the register will issue a TRANSFER ticket on KP7 and KP 8 when programmed.
O2.7 Transfer to KP1 to KP6. This option is only valid for the TRANSFER BALANCE (1-3 is SET and 1-1,1-2,1-4 are not SET) and TRANSFER ONLY (1-3 and 1-4 are SET and 1-1 and1- 2 are NOT SET) function. When set the register will issue a TRANSFER ticket on KP1 to KP 6 when programmed.
O2.8 If set the register will automatically print a copy of the printed invoice.

Print1 and Print2

These flags determine were the Balance function should be printed and/or displayed. See “FILE -> PRINT OPTIONS” for more details on the individual options.

Table Total File

File Extension: *appname*.Q16
Function Key code: not available
Direct Key code: not available

Code#

In this field you can enter the random code which is used to open this Table. The size of the code depends on the Table File Configuration. Note that this file is searched sequentially and must be the same in all registers when floating balances in a network are used.

Limit

In this field you enter limit for this table when the limit is reached you are not allowed to store more items on this table.

Price Level

When activated you can program a level for each balance. When the level is set to ZERO it is not activated and the normal level is used. The level is used a a base level and disables the level selected by the clock or a level which is manually selected. Note that the shift on shift level still works in the same way as when the base level is selected by the clock.

SPECIAL QUANTITY ENTRY ON BALANCE.
When you set the PRICE LEVEL to 255 the register will ask for the Quantity when an article is registered by keyboard or scanner This was made to make stock taking easier when a balance was reserved for stock taking. You can now first scan the item and then enter the quantity. The balance reserved for stock taking can be read by and reset by computer later.

Discount

It is possible to assign an automatic Discount to a Balance. You must program the discount function# which should be used the discount (rate or amount depends on function) and the exempt amount. The discount is given and reported when the balance is paid. When the balance is below the exempt amount the discount is not given. When Subtotal is pressed the register will display the subtotal including the discount.

Rate

It is possible to assign a rate or amount for the discount. See discount for more info.

Exempt

It is possible to assign an exempt amount for the discount. See discount for more info.

Time Link

When both the TIME LINK and TIME UNIT field are set the register takes the TIME LINK field as PLU number for calculation. When the TIME UNIT field is set to ZERO the system will use the TIME LINK value as the MENU number for calculation. In this way you can use different rates for different time periods as with the parking system (see SYSTEM PARAMETER 138). By selecting another PRICE level before the TIME OUT key is pressed you can have different rates for a balance. You can print the level text with the article by setting OPTION 1-2 in the PRICE LEVEL function to indicate the different rate.When both the TIME LINK and TIME UNIT field are set to ZERO the TIME system is not active for this balance.

Time Unit

In the TIME UNIT field the number of minutes for 1 period is programmed. The register will use this to calculate the time units used. When both the TIME LINK and TIME UNIT field are set to ZERO the TIME system is not active for this balance.

Salesperson

Automatic Salesperson selection when opening a balance. When the balance is opened the programmed Salesperson is selected. When a value of ZERO is programmed the active salesperson is not changed. Don't forget to set OPTION 19 (Reset Salesperson to 1) so the Salesperson 1 is automatically selected when the balance is closed. This function can be used if you need detailed reporting on a balance or range of balances.

Text Lines (1-6)

Depending on the Table File Configuration you can enter a number of text lines for this table. The maximum length depends on the Table File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file. When a line is not required you must clear it completely else it is printed as an empty line!
It is possible to specify the FONT for each line this can be used to print for example the address in a large font. Default FONT 1 is used for printing the line. When you specify n& on the first two positions of a line this line will be printed using the specified font. The available fonts are 1&, 2&, 3&, 4&, 5&, 6&, 7& and 8& any other combination will be printed as normal text.

Room Total File

File Extension: *appname*.Q17
Function Key code: not available
Direct Key code: not available

Code#

In this field you can enter the random code which is used to open this Room. The size of the code depends on the Table File Configuration. Note that the file is searched sequentially and must be the same in all registers when floating balances in a network are used.

Limit

In this field you enter limit for this room when the limit is reached you are not allowed to store more items on this table.

Price Level

When activated you can program a level for each balance. When the level is set to ZERO it is not activated and the normal level is used. The level is used a a base level and disables the level selected by the clock or a level which is manually selected. Note that the shift on shift level still works in the same way as when the base level is selected by the clock.

SPECIAL QUANTITY ENTRY ON BALANCE.
When you set the PRICE LEVEL to 255 the register will ask for the Quantity when an article is registered by keyboard or scanner This was made to make stock taking easier when a balance was reserved for stock taking. You can now first scan the item and then enter the quantity. The balance reserved for stock taking can be read by and reset by computer later.

Discount

It is possible to assign a automatic Discount to a Balance. You must program the discount function# which should be used the discount (rate or amount depends on function) and the exempt amount. The discount is given and reported when the balance is paid. When the balance is below the exempt amount the discount is not given. When Subtotal is pressed the register will display the subtotal including the discount.

Rate

It is possible to assign a rate or amount for the discount. See discount for more info.

Exempt

It is possible to assign an exempt amount for the discount. See discount for more info.

Time Link

When both the TIME LINK and TIME UNIT field are set the register takes the TIME LINK field as PLU number for calculation. When the TIME UNIT field is set to ZERO the system will use the TIME LINK value as the MENU number for calculation. In this way you can use different rates for different time periods as with the parking system (see SYSTEM PARAMETER 138). By selecting another PRICE level before the TIME OUT key is pressed you can have different rates for a balance. You can print the level text with the article by setting OPTION 1-2 in the PRICE LEVEL function to indicate the different rate.When both the TIME LINK and TIME UNIT field are set to ZERO the TIME system is not active for this balance.

Time Unit

In the TIME UNIT field the number of minutes for 1 period is programmed. The register will use this to calculate the time units used. When both the TIME LINK and TIME UNIT field are set to ZERO the TIME system is not active for this balance.

Salesperson

Automatic Salesperson selection when opening a balance. When the balance is opened the programmed Salesperson is selected. When a value of ZERO is programmed the active salesperson is not changed. Don't forget to set OPTION 19 (Reset Salesperson to 1) so the Salesperson 1 is automatically selected when the balance is closed. This function can be used if you need detailed reporting on a balance or range of balances.

Text Lines (1-6)

Depending on the Room File Configuration you can enter a number of text lines for this room. The maximum length depends on the Room File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file. When a line is not required you must clear it completely else it is printed as an empty line! It is possible to specify the FONT for each line this can be used to print for example the address in a large font. Default FONT 1 is used for printing the line. When you specify n& on the first two positions of a line this line will be printed using the specified font. The available fonts are 1&, 2&, 3&, 4&, 5&, 6&, 7& and 8& any other combination will be printed as normal text.

Account Total File

File Extension: *appname*.Q18
Function Key code: not available
Direct Key code: not available

Code#

In this field you can enter the random code which is used to open this Account. The size of the code depends on the Account File Configuration. Note that the file is searched sequentially and must be the same in all registers when floating balances in a network are used.

Limit

In this field you enter limit for this account when the limit is reached you are not allowed to store more items on this table.

Price Level

When activated you can program a level for each balance. When the level is set to ZERO it is not activated and the normal level is used. The level is used a a base level and disables the level selected by the clock or a level which is manually selected. Note that the shift on shift level still works in the same way as when the base level is selected by the clock.

SPECIAL QUANTITY ENTRY ON BALANCE.
When you set the PRICE LEVEL to 255 the register will ask for the Quantity when an article is registered by keyboard or scanner This was made to make stock taking easier when a balance was reserved for stock taking. You can now first scan the item and then enter the quantity. The balance reserved for stock taking can be read by and reset by computer later.

Store Discount

It is possible to assign a automatic Discount to a Balance. You must program the discount function# which should be used the discount (rate or amount depends on function) and the exempt amount. The discount is given and reported when the balance is paid. When the balance is below the exempt amount the discount is not given. When Subtotal is pressed the register will display the subtotal including the discount.

Rate

It is possible to assign a rate or amount for the discount. See discount for more info.

Exempt

It is possible to assign an exempt amount for the discount. See discount for more info.

Time Link

When both the TIME LINK and TIME UNIT field are set the register takes the TIME LINK field as PLU number for calculation. When the TIME UNIT field is set to ZERO the system will use the TIME LINK value as the MENU number for calculation. In this way you can use different rates for different time periods as with the parking system (see SYSTEM PARAMETER 138). By selecting another PRICE level before the TIME OUT key is pressed you can have different rates for a balance. You can print the level text with the article by setting OPTION 1-2 in the PRICE LEVEL function to indicate the different rate.When both the TIME LINK and TIME UNIT field are set to ZERO the TIME system is not active for this balance.

Time Unit

In the TIME UNIT field the number of minutes for 1 period is programmed. The register will use this to calculate the time units used. When both the TIME LINK and TIME UNIT field are set to ZERO the TIME system is not active for this balance.

Salesperson

Automatic Salesperson selection when opening a balance. When the balance is opened the programmed Salesperson is selected. When a value of ZERO is programmed the active salesperson is not changed. Don't forget to set OPTION 19 (Reset Salesperson to 1) so the Salesperson 1 is automatically selected when the balance is closed. This function can be used if you need detailed reporting on a balance or range of balances.

Text Lines (1-6)

Depending on the Account File Configuration you can enter a number of text lines for this account. The maximum length depends on the Account File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file. When a line is not required you must clear it completely else it is printed as an empty line! It is possible to specify the FONT for each line this can be used to print for example the address in a large font. Default FONT 1 is used for printing the line. When you specify n& on the first two positions of a line this line will be printed using the specified font. The available fonts are 1&, 2&, 3&, 4&, 5&, 6&, 7& and 8& any other combination will be printed as normal text.

Balance Item Block File

File Extension: not available
Function Key code: not available
Direct Key code: not available

File Description

The Balance Item Blocks file is used to store Item Blocks which can hold 10 items each. The item blocks contain detailed item information for the Table, Room and or Account totals if activated. The contents of this file is changed during registration.

Modifier File

File Extension: *appname*.Q20

Modifier# Key code: 4000
Direct Modifier Key code: 4000 + Modifier#

Caption

In this field you can enter the name of the modifier or article number when OPTION 1-1 is set which is used for the display and the printer. The maximum length depends on the Modifier File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file.

Options1

O1.1 Modifier Text is PLU#
O1.2 Use as Direct PLU.
When OPTION1-1 and 1-2 are BOTH set you can use this modifier to put a scancode on the keyboard. When this modifier is used the register will use the number programmed in the text field as article number. This function can be used to put PLU SCANCODES on the keyboard so it is no longer required to re-program the keyboard when plu's are created and/or deleted. Note that when you set OPTION1-2 this modifier CANNOT be used a a normal modifier anymore but is always processed as an ARTICLE.
O1.3 Variable Text Function.
When SET you must enter a text on this modifier. When you press the function without entry it will show the programmed function name on the display and will switch to the ALPHA KEYBOARD until the CLEAR key or the FUNCTION (or ENTER on soft keyboard) is pressed again. You can also do a direct entry but then only digits can be entered unless you are using an external keyboard (on Concerto only). The function text is also displayed and printed. The maximum length is 32 characters and the text stays with the article. Note that modifier keys cannot be used as alpha keys.
O1.4 KP re-routing.
When SET all articles which are entered after this function is selected are printed on the KP as specified in this function (option 1-5 to 1-8 and 2-5 to 2-8) until another re-routing is selected or the transaction is closed. It is possible to combine this option with option 1-3.
O1.5 KP-1
O1.6 KP-2
O1.7 KP-3
O1.8 KP-4

Options2

O2.1 If SET then only allowed by Manager Key or Clerk.
O2.2 Balance KP re-print. When SET this modifier can be used to re-print a KP ticket for an order already stored on a balance. When the balance is opened and this modifier is selected the register will re-print all KP tickets for the KP's activated in this function. The MODIFIER name is printed on top of the KP tickets using the FONT as programmed in SYSTEM PARAMETER 68 (Balance Number KP font). This function can useful to inform the kitchen that an order can be served or prepared.
O2.3 Store on Balance. When set the register will store this "fixed" text normal modifier on a balance.
O2.4 MODIFIER FOR COURSE INFO. When SET this modifier can be used to print course information on the KP ticket. When OPTION 2-4 is set the register will print the programmed text using the font as programmed in PARAMETER 69 (Kitchen Printer Name Font) and an empty line between the previous entered items and the items entered after this function. This can be used to indicate for example starters, main course etc. When OPTION 1-4 is also set the register will issue the ticket and print the text in the ticket header instead of printing and empty line and the text. OPTION 2-4 can be combined with OPTION 1-3 (Free text).
O2.5 KP-5
O2.6 KP-6
O2.7 KP-7
O2.8 KP-8

Print1 and Print2

These flags determine were the modifier should be printed and/or displayed. See "FILE -> PRINT OPTIONS" for more details on the individual options.

Electronic Journal File

File Extension: not available

Function Key code: not available
Direct Key code: not available

File Description

The Electronic Journal file contains a record for each line of information. The data is stored as ASCII print data or as binary data depending on the Electronic Journal Configuration. The electronic journal can be printed/reset by User Report 101 or only reset by User Report 102. From release 050415 it is also possible to take report 104 in X-mode which will only print the tickets of the active clerk. It is possible to print the journal in 3 ways:

1 – Enter 101 on the User Report key
Now only the last ticket stored is printed.

2 – Enter YY on the Multiply key (X) an then 101 on the report key.
Now the last YY tickets are printed.

3 – Enter 0 on the Multiply key (X) and then 101 on the report key.
Now the complete journal is printed. When this is done in Z position the Electronic Journal is cleared.

Data Format

TEXT
The data in the Electronic Journal is stored as ASCII print data which is like a copy of a printed journal.

BINARY)
The data in the Electronic Journal is stored as binary data which is like a copy of the transaction buffer.

Endorsement Messages File

File Extension: *appname*.Q22
Function Key code: not available
Direct Key code: not available

Message Text

In this field you can enter the text of the endorsement message. The number of lines can be changed by the text lines list box and depends on the Endorsement Message File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file. On the most right side of each line you can select the FONT (1-8) for this line. See “FILE -> PRINT OPTIONS” for more details on the available fonts. At the moment only Message #1 and #2 are used to print a special text on a Balance Invoice.

Number

With this list box you can select which endorsement message you are editing.

Text Line

With this list box you can select how many text lines are active for this endorsement message.

Print1 and Print2

These flags determine were the macro should be printed and/or displayed. See “FILE -> PRINT OPTIONS” for more details on the individual options.

Keyboard Level File

File Extension: *appname*.Q23
Keyboard Level# Key code: 260
Direct Keyboard Level code: 260+Keyboard Level#

File Description

In this file the individual keyboards are stored when more the one keyboard is active in the application. The keyboards are programmed in the KEYBOARD menu.

Macro File

File Extension: *appname*.Q24
Macro# Key code: 1500
Direct Macro Key code: 1500 + Macro#

Caption

In this field you can enter the name of the macro which is used for the display and the printer. The maximum length depends on the Macro File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file.

Options1

O1.1 No Entry Allowed.
O1.2 Use Keycodes instead of Keynumbers.
O1.3 Accept Entry on FIRST Function (1.3 & 1.4 SET use THIRD Function).
O1.4 Accept Entry on Second Function (1.3 & 1.4 SET use THIRD Function).
O1.5 No Entry Reset. When set the entry made in the macro is not cleared when the macro is finished.
O1.6 Entry on Fourth Function (can be combined with O1.3 and O1.4).
O1.7 Report Macro (see below).
O1.8 Cash Declaration (see below).

SPECIAL REPORT MACRO. The special report macro can be used to link cash declaration and reports so it is possible to make a day closing procedure.

OPTION 1-7, Report Macro. When set this is a REPORT MACRO. The numbers in the list are the report numbers. The lock codes are still active to specify the lock positions.

OPTION 1-8, Cash Declaration. When set (1-7 must also be set) the first number in the list is the CASH DECLARATION function nnumber. This is a DRAWER function with OPTION 1-8 (Declaration) set.

OPTION 2-2, Reset Reports. When set the MACRO will ask if the report must be reset when the macro is finished. If confirmed the report will be reset and also stored in the REPORT JOURNAL when in the USER REPORT OPTION 2-6 is SET. Note that in the macro the report is first taken in X-mode.

The cash declaration and special report (E-Journal) are always printed on separate receipts all other reports in the list are on the same receipt when they follow each other.

SPECIAL INFO MESSAGE# 2 (see System Parameter 142), when the report macro is started the register will ask if the printer has enough paper(line 4, 5 & 6 of the special INFO endorsement message).

SPECIAL INFO MESSAGE# 4 (see System Parameter 142), when the cash declaration (OPTION 1-8) inside the macro is finished the register will ask if the entry was OK (line 10, 11, & 12 of the special INFO endorsement message).

SPECIAL INFO MESSAGE# 5 (see System Parameter 142), when the macro is finished and OPTION 2-2 is set the register will ask if the it should reset the reports inside the macro (line 13, 14, & 15 of the special INFO endorsement message).

Options2

O2.1 If SET then only allowed by Manager Key or Clerk.
O2.2 Reset Reports. When set the MACRO will ask if the report must be reset when the macro is finished. If confirmed the report will be reset and also stored in the REPORT JOURNAL when in the USER REPORT OPTION 2-6 is SET. Note that in the macro the report is first taken in X-mode.
O2.3 Not used.
O2.4 Not used.

O2.5 Not used.
O2.6 Not used.
O2.7 Not used.
O2.8 Not used.

Print1 and Print2

These flags determine were the macro should be printed and/or displayed. See “FILE -> PRINT OPTIONS” for more details on the individual options.

List

When you click on this column a table will be shown on the right side of the screen in which you can enter the key numbers or keycodes when OPTION 1-1 is set. The maximum number of keys in the macro depends on the Macro File Configuration and OPTION 1-1. When OPTION1-1 is NOT SET the maximum number of keys is as programmed in the configuration. When OPTION 1-1 is SET the maximum number of keycodes is the maximum number of keys divided by 2 because a keycode requires 2 bytes and a keynumber only 1 byte.

It is also possible to include Central Lock and Clerk Lock positions in the a macro the original lock is restored when macro is finished. The following codes are available for lock selection in a macro:

CLERK LOCK
OFF = 230
KEY 1 to 15 = 231 to 245

CENTRAL LOCK
OFF (L) = 250
RG (R) = 251
X (X) = 252
Z (Z) = 253
MG (P) = 254
PRG (T) = 255

When using keycodes the following keycodes are used for programming and reporting:

TIME	= 8	Time Key
DATE	= 9	Date Key
URPT	= 13	User Report also ENTER key
SRPT	= 14	System Report
P_TYPE	= 19	Program Type
P_DUMP	= 20	Program Dump

For numeric or alfanumeric keys you must program the ASCII code as keycode!

Menu File

File Extension: *appname*.Q25
Menu# Key code: 600
Direct Menu Key code: 600 + Menu#

Caption

In this field you can enter the name of the menu which is used for the display and the printer. The maximum length depends on the Menu File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file.

Options1

O1.1 O1.1 and O1.2 are used to specify the number of decimals in the Quantity field of the arrangement list. Note that this applies to ALL quantities in the list.
O1.1, one decimal so 5 is processed as 0.5.
O1.2, two decimals so 5 is processed as 0.05.

O1.1 & O1.2, three decimals so 5 is processed as 0.005.
O1.2 see above.
O1.3 Calculate Price. When set the register will calculate the price of the arrangement by adding up all the PLU in the list. It will use the active price level Not used.
O1.4 Items on Ticket. When set the register will print the arrangement name and the PLU's of the arrangement on the receipt, journal and slip without the price. When not set only the arrangement name and price are printed.
O1.5 Items on KP. When set the register will print the arrangement name and the PLU's of the arrangement on the Kitchen Printers as selected by the PLU in the LIST. When not set only the arrangement name is printed.
O1.6 No Price Entry. When set it is not allowed to override the programmed price by a NEW PRICE entry.
O1.7 Report Price Difference. When set then the difference between the calculated price and the entered price is reported in the last PLU of the menu. When the entered price is less then the calculated price the sale will not be allowed.
O1.8 Print Multiply Qty. When set the register will also print the multiplied quantity of the items in the Menu List on the Receipt and KP. So when you sell a menu 2 times the register will also print the double quantity with the menu items.Not used.

Options2

O2.1 If SET then only allowed by Manager Key or Clerk.
O2.2 One Quantity Ticket on Kitchen Printer.
O2.3 Double Tickets on Kitchen Printer.
O2.4 If set it is not allowed to enter a quantity with decimal point.
O2.5 Not used.
O2.6 Not used.
O2.7 Not used.
O2.8 Not used.

Print1 and Print2

These flags determine were the menu should be printed and/or displayed. See "FILE -> PRINT OPTIONS" for more details on the individual options.

List

When you click on this column a table will be shown on the right side of the screen in which you can enter the PLU number. The maximum number of functions in the menu depends on the Menu File Configuration.

Price Level File

File Extension: *appname*.Q26
Price Level# Key code: 300
Direct Price Level Key code: 300 + Price Level#

Caption

In this field you can enter the name of the Price Level which is used for the display and the printer. The maximum length depends on the Price Level File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file.

Options1

O1.1 If SET then also SHIFT the TAX1 and TAX3. This means that 1 shifts to 2, 3 shifts to 4. Note that only the activated tax selections are shifted!
O1.2 Print Level Text with ITEM.
O1.3 Shift On BASE Level (Shift within Shift!).
O1.4 Use 0.5 as Report Quantity.
O1.5 Use 2.0 as Report Quantity.
O1.6 Not used.
O1.7 Tax Shift Transaction. When this option is set in combination with OPTION 1-1 (Tax Shift) this function can ONLY be used to shift the tax in the complete transaction when pressed before closing the transaction.The register will only shift the tax when the function is used before payment.

It will only shift the TAX and not change the PRICES of the articles already ordered.
It will only shift the TAX in the CURRENT transaction so when used in combination with balances the tax already stored on the balance is not shifted.
Don't forget SYSTEM OPTION 30 else the TAX SHIFT will stay active!!
When you make the default picel level a tax shift it will always shift unless you disable it by selecting another non shift level before payment. In this way it can be used for activating a tax for take away items.
The Level Name is printed on the top of the Kitchen Printer Tickets. It will use the FONT as programmed in the function.

O1.8 If SET this level OVERRIDES the LEVEL selected by the CLOCK, BALANCE and CLERK (only set when selected manually!).

Options2

O2.1 If SET then only allowed by Manager Key or Clerk.
O2.2 Not used.
O2.3 Not used.
O2.4 Not used.
O2.5 Not used.
O2.6 Not used.
O2.7 Not used.
O2.8 Not used.

Print1 and Print2

These flags determine were the Price Level Caption should be printed and/or displayed. See “FILE -> PRINT OPTIONS” for more details on the individual options.

Transaction Type File (not active yet)

File Extension: *appname*.Q27
Transaction Type # Key code: 400
Direct Transaction Type Key code: 400 + Transaction Type#

Caption

In this field you can enter the name of the transaction type which is used for the display and the printer. The maximum length depends on the Transaction Type File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file.

Options1

O1.1 Not used.
O1.2 Not used.
O1.3 Not used.
O1.4 Not used.
O1.5 Not used.
O1.6 Not used.
O1.7 Not used.
O1.8 Not used.

Options2

O2.1 If SET then only allowed by Manager Key or Clerk.
O2.2 Not used.
O2.3 Not used.
O2.4 Not used.
O2.5 Not used.
O2.6 Not used.
O2.7 Not used.
O2.8 Not used.

Print1 and Print2

These flags determine were the modifier should be printed and/or displayed. See “FILE -> PRINT OPTIONS” for more details on the individual options.

Tax

When you want to change the tax status of items when this transaction type is selected you can specify here.

Level

When you want to change the active price level when this transaction type is selected you can specify here.

Special Itemizer File

File Extension: *appname*.Q28
Function Key code: not available
Direct Key code: not available

Caption

In this field you can enter the name of the special itemizer function which is used for the display and the printer. The maximum length depends on the Special Itemizer File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file.

Rate

When Option 1-1 is SET it is possible to use the Special Itemizer for special charges or discounts and in this case you can enter the percentage rate in this field. The rate is always entered with 4 decimals and the theoretical maximum rate you can enter is 429496.7295. Note that the decimal point is not entered. For example when you want a rate of 19.00% you must enter 1900.

Exempt

When Option 1-1 is SET it is possible to use the Special Itemizer for special charges or discounts and in this case you can enter an exempt amount in this field. When the special itemizer is below this amount no tax is calculated. The theoretical maximum amount you can enter is 4294967295. Note that the decimal point is not entered. This means the amount is always enter in the smallest unit. For example DM 1,00 is entered as 100.

Options1

O1.1 SPECIAL ITEMIZER TYPE
SET
This Special Itemizer is used for special charges or discounts. O1.2 determines whether it is a charge or a discount. This type of Special Itemizer is printed and displayed before the transaction total and is added/subtracted to the sale amount.
NOT SET
This Special Itemizer is only used for accumulating sales and can be used by another function for special processing. This type of Special Itemizer is printed at the bottom of the receipt before the VAT information and is not displayed.

O1.2: DISCOUNT TYPE
SET
The rate as programmed is used for a charge (positive discount).
NOT SET
The rate as programmed is used for a discount.

O1.3 If SET then Print Percentage in front of descriptor when used as special discount/charge.
O1.4 If SET then also print when amount is zero.
O1.5 If SET then this Itemizer is used for commission calculation.
The register will use the programmed rate and exempt amount of this special itemizer to calculate the commission when the report of this special itemizer is taken. You can suppress printing of the Itemizer on the receipts by resetting all print options.

O1.6 Automatic Service Charge. When set the register will automatically accumulate the NET BALANCE sales (without taxes) in Special Itemizer# 1 and calculate a SERVICE CHARGE using the total. NOTE: The service charge is ONLY calculated for BALANCE SALES and only when the OPTION Is set in Special Itemizer Function# 1. This was originally developed for the fiscal version for Venezuela.

O1.7 Discount Time Controlled. This option can be used to control automatic Special Discount (option 1-1 set) by time period. When set the register will check GENERAL TEXT #107 for the START and END time for the special discount. You can program a start and end time in 24 hour format (hh:mm;hh:mm). When you program for example “11:00;16:00” the Special discount is active from 11:00 AM until 4:00 PM. The start and end time are separated by a semicolon ';'.

O1.8 Not used.

Options2

O2.1 USE CLERK COMMINSION RATE
When SET in a Special Itemizer used for commission calculation it is possible to use a different commission rate for each Clerk when in the Clerk Configuration the Commision Rate is activated and in the Special Itemizer used for commission calculation OPTION 1.5 AND 2.1 are SET. When the OPTION 2.1 is SET the register will also calculate the commission on the amount MINUS the EXEMPT amount.

O2.2 Bonus Point by Amount
O2.3 Extra Bonus Point
O2.4 Not used.
O2.5 Not used.
O2.6 Not used.
O2.7 Not used.
O2.8 Not used.

BONUS POINT CALCULATION

It is possible to use the Special Itemizers for Bonus Points calculation at the end of a transaction. In order to use it the Special Itemizer Function must be activated in the Configuration so Articles and/or Departments can be linked to a Bonus Point Special Itemizer. The Bonus points are calculated using the amount or quantity from the Bonus Special Itemizer so it is possible to exclude Articles or Departments for the Bonus Points calculation.

- Bonus Point by Amount calculation is activated by setting OPTION 2-2 and programming the the Amount for 1 bonus point in the “rate” field.
- Extra Bonus Point calculation is activated by setting OPTION 2-3 and programming the number of points per unit in the “rate” field.
- Bonus points are calculated at the end of a transaction.
- Bonus Points are not stored on a balance (table, room or account) and are issued at ordering and not a payment.
- When the amount or quantity is negative Bonus Points will not be issued.
- In the Special Itemizer report the register will report the Bonus Points Issued when in the report configuration the quantity field is activated. The amount on which the Bonus Points are issued is also reported.
- When more then 2 Bonus Point Special Itemizers are used inside a transaction the register will print an extra line with the TOTAL BONUS POINTS issued on the receipt using General Text# 117 (“Total Points:”).

There are 2 types of Bonus Point Calculation possible.

AMOUNT BONUS POINT

This type of bonus points are calculated by dividing the Total Special Itemizer Amount by a Bonus Point Amount. For example when the Bonus Point amount is set to €10,00 the register will issue a Bonus Point for every €10,00 sold.

Programming:

- Create a Special Itemizer Function with ONLY OPTION 2-2 set.

- n the “rate” field you must program the amount value for 1 bonus point.

Example:
Special Itemizer#2 used for Amount Bonus Points for every €10,00 sold (option 2-2 set and rate set to 1000). PLU#1 & 2 are linked to Special Itemizer#2 and PLU# 3 is not linked.

```
1 PLU#1          5,00  - - Itemizer#2
1 PLU#2          7,50  - - Itemizer#2
1 PLU#3         10,00
-------------------------
3 Total         22,50
  Cash          22,50
Points:          1  - - Itemizer#2 (12,50 / 10,00 is 1)
```

EXTRA BONUS POINTS

This type of bonus points will be calculated by multiplying the Total Special Itemizer Quantity by the number of Bonus Points for 1 unit.

Programming:
- Create a Special Itemizer Function with ONLY OPTION 2-3 set.
- In the “rate” field you must program the the number of bonus points for on unit.
- Note that when System Option 141 is set Articles with a decimal quantity will add 1 to the Special Quantity Itemizer.

Example:
Special Itemizer#3 used for 2 Extra Bonus Points for every unit sold (option 2-3 set and rate set to 2). PLU#1 & 3 are linked to Special Itemizer#3 and PLU# 2 is not linked.

```
1 PLU#1          5,00  - - Itemizer#3
1 PLU#2          7,50
1 PLU#3         10,00  - - Itemizer#3
-------------------------
3 Total         22,50
  Cash          22,50
 Extra Points:     4  - - Itemizer# 3 (2 X 2)
```

Example:

Combination of Amount and Extra Bonus Points.

```
1 PLU#1          5,00  - - Itemizer#2 & 3
1 PLU#2          7,50  - - Itemizer#2
1 PLU#3         10,00  - - Itemizer#3
-------------------------
3 Total         22,50
  Cash          22,50
  Points:          1  - - Itemizer#2 (12,50 / 10,00 is 1)
  Extra Points:    4  - - Itemizer# 3 (2 X 2)
Total Points:      5  - - Total Bonus Points (General Text#117)
```

Print1 and Print2

These flags determine were the Special Itemizer function should be printed and/or displayed. See “FILE -> PRINT OPTIONS” for more details on the individual options.

Window Look Up File

File Extension: *appname*.Q29
WLU# Key code: 1600

Direct WLU Key code: 1600 + WLU#

Caption

In this field you can enter the name of the window lookup which is used for the display and the printer. The maximum length depends on the Window Lookup File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file.

Options1

O1.1 Not used.
O1.2 Not used.
O1.3 Not used.
O1.4 Not used.
O1.5 Not used.
O1.6 Not used.
O1.7 Not used.
O1.8 Not used.

Options2

O2.1 If SET then only allowed by Manager Key or Clerk.
O2.2 Not used.
O2.3 Not used.
O2.4 Not used.
O2.5 Not used.
O2.6 Not used.
O2.7 Not used.
O2.8 Not used.

Print1 and Print2

These flags determine were the window lookup should be printed and/or displayed. See “FILE -> PRINT OPTIONS” for more details on the individual options.

List

When you click on this column a table will be shown on the right side of the screen in which you can enter the key codes of the functions you want to display when this WLU is activated.

Condiment Table File

File Extension: *appname*.Q30
Condiment Table# Key code: 1400
Direct Condiment Table Key code: 1400 + Condiment Table#

Caption

In this field you can enter the name of the condiment table which is used for the display and the printer. The maximum length depends on the Condiment Table File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file.

Options1

O1.1 Compulsory Selection
O1.2 Fixed Quantity. When set this condiment table can be used to force a fixed quantity selection of modifiers.

When you want to force a fixed selection of modifiers for the kitchen(and reports). For example when an article consists of 5 different modifiers and you want to force the operator to select 5 modifiers from the active condiment table before he can continue. When set the last field in the (modifier) list is the required quantity. For example a condiment the table with OPTION 1-1 and OPTION 1-2 set and has a

programmed list: 4001, 4002, 4003, 5 will force the operator to select 5 condiments from the list before he can continue.

O1.3 When set and OPTION 1-1 and 1-2 are NOT set the condiment table is automatically re-displayed (stay down) when a selection is made. You can abort by pressing the CLEAR key.

O1.4 When set this condiment table can be used to force a fixed selection of modifiers. This was made for "Pizza Hut" in Venezuela. They wanted to force a fixed selection of modifiers inside a menu. For example when a Pizza is sold with two toppings they want to force to operator to select 2 modifiers from the active condiment table before he can continue. When set the last field in the (modifier) list is the required quantity. For example a condiment the table with OPTION 1-1 and OPTION 1-4 set and has a programmed list: 4001, 4002, 4003, 2 will force the operator to select 2 condiments from the list before he can continue.

O1.5 When set the register will show on the first line of the condiment table the option "Pause Entry" (General Message# 122). When this option is selected the register will pause the condiment entry. The entry can be continued by selecting the "Paused Entry" on the screen and press a special"Continue" function which is a new type of correction function (OPTION 1.1, 1.2 and 1.3 set).

O1.6 Not used.

O1.7 Not used.

O1.8 Not used.

Options2

O2.1 If SET then only allowed by Manager Key or Clerk.

O2.2 Not used.

O2.3 Not used.

O2.4 Not used.

O2.5 Not used.

O2.6 Not used.

O2.7 Not used.

O2.8 Not used.

Print1 and Print2

These flags determine were the condiment table should be printed and/or displayed. See "FILE -> PRINT OPTIONS" for more details on the individual options.

List

When you click on this column a table will be shown on the right side of the screen in which you can enter the key codes of the functions you want to display when this condiment table is activated. Note that in the Condiment Table you must program the KEYCODE of the condiment you want to display. At the moment only MODIFIERS (key code 4XXX) are supported!!

Action Table File

File Extension: *appname*.Q31
Function Key code: not available
Direct Key code: not available

Caption

In this field you can enter the name of the action table which is used for the display and the printer. The maximum length depends on the Action Table File Configuration. When a longer name then allowed is entered only the programmed length is stored in the file.

Options1

O1.1 Match is Amount instead of Quantity.

O1.2 One Match Only.

O1.3 %- Discount when Match.

O1.4 Discount on Total Table Amount.

O1.5 Average Price as Discount.

O1.6 Set Price (Meal Deal).

When set in an ACTION table and the ACTION is using a SET LIST (option 1-8 or 2-2 set) the register will calculate the DISCOUNT by subtracting the PROGRAMMED SET PRICE from the ORIGINAL PRICE.

O1.7 If set then Check Item List else only Table# (list must be active).

O1.8 If set then Check Item List for Exact Set Match (list must be active).

Options2

O2.1 Update Individual Articles.
When set in an ACTION table and the ACTION is using an ITEM LIST (option 1-7 or 1-8 set) the register will update the discount in the articles used. When OPTION 1-7 is set it will divide the discount (according to ratio) over the items used. When OPTION 1-8 (SET MATCH) is set it will divide the discount (according to ratio) over the ITEMS in the SET MATCH.
When set in an action table which has no article list the register will also update the reports. It will update the action in the articles which triggered the action table according to ratio.

O2.2 Department List (Meal Deal).
When set in an ACTION table the LIST contains DEPARTMENT numbers instead of PLU number.

O2.3 Fixed Price. When set this price is used for all articles after the match.

O2.4 Chained Table. When set the last number in the list is the next action table which is checked. Note that when you chain the action tables the next table must contain the articles/departments of the previous one as in the example.

example:

Meal Deal 1. (Trigger value 3) Price 2.75

1 x Drink
1 x Sandwich
1 x Crisps

Super Meal Deal (Trigger value 4) Price 2.95

1 x Drink
1 x Sandwich
1 x Crisps
1 x Chocolate bar

When you sell 2 drinks, 2 sandwich, 2 crisps and 1 chocolate bar I have a match of ONE MEAL DEAL and ONE SUPER MEAL DEAL.The register will deduct the number of matches of the linked action table from the previous action table in the chain.

O2.5 Item# 1 Coupon Code
When O1.7 and O2.5 are set the first item in the article list MUST be sold to activate the action. This can be used when special coupons are required or one specific article MUST be sold to to get the discount.

example:

Item List: PLU 1 (coupon) , PLU 2, PLU3 and MATCH QTY value ONE

1 x PLU 1 and 1 x PLU 2 will activate the action.
1 x PLU 1 and 1 x PLU 3 will activate the action.
1 x PLU 2 and 1 x PLU 3 will NOT activate the action.
1 x PLU 1 and 1 x PLU 2 and 1 x PLU 3 will activate the action 1 time.
2 x PLU 1 and 1 x PLU 2 and 1 x PLU 3 will activate the action 2 times.

O2.6 Not used.
O2.7 Not used.
O2.8 Not used.

Print1 and Print2

These flags determine were the action should be printed and/or displayed. See “FILE -> PRINT OPTIONS” for more details on the individual options.

Match

When OPTION 1-1 is SET this field contains the match amount else it contains the match quantity. When set in combination with OPTION 1-8 the set list contains amounts instead of quantities for each item in the list (See also MULTIBUY.DOC).

Discount

When OPTION 1-3 is SET this field contains the discount percentage else it contains the discount amount. Note that the percentage has 2 decimals, 10.00% is programmed as 1000 (See also MULTIBUY.DOC).

Maximum Discount

When this field is NON ZERO this is the maximum discount amount allowed. When the calculated discount is larger this amount will be taken as the discount (See also MULTIBUY.DOC).

List

When in the configuration the Item List is activated this column contains the number of items in the List.
- When OPTION 1-7 is set the list contains PLU numbers.
- When OPTION 1-8 is set the list contains PLU numbers and Quantity Match
- When OPTION 1-1 and 1-8 are set the list contains PLU numbers and Amount Match.

Invoice File

File Extension: not available
Function Key code: not available
Direct Key code: not available

File Description

The Invoice file is used to store information on the invoices issued. The invoice number of 4 digits and the total amount of the invoice are always stored and in addition depending on the Invoice File Configuration the date, time and clerk of the invoice are also stored. The Invoice file can be printed and/or reset by User Report 100. When the file is full it is required to print and reset the file before a new invoice can be issued!!

Clerk Interrupt File

File Extension: not available
Function Key code: not available
Direct Key code: not available

File Description

The Clerk Interrupt file is used to temporarily store a transaction for a clerk. In this way more then one clerk can work simultaneously on the cash register. When a clerk starts a transaction a buffer in this file will be assigned to the clerk in which the transaction is stored so it can be recalled when another clerk interrupts the transaction. When the transaction of a clerk is larger then the maximum number of lines it will be not possible to interrupt this transaction and the clerk must finalize it first.

Chapter 6

System

This chapter describes in detail the options in the System Menu.

System Parameters

System Parameters.

001: Computer Port

Serial port number to which the computer is connected. When the value is zero the register will not check for computer communication. Don't forget to program the correct baud rate and word size and connect the cable to the correct port. When changing the port number the communication will stop when this information is received by the cash register and you must re-connect the cable to correct port.

CR20, QMP5xxx and QPrint can connect over USB, for this option must the parameter set to 16. By connecting the cash register with the computer you must install driver for windows. This driver you can find in our customer support download section or by your dealer of trust.

002-007: Serial Ports

Serial port baud rate and word size. Parameter 002 corresponds to port 1, 003 to port 2, 004 to port 3, 005 to port 4, 006 to port 5 and 007 to port 6. Note that not all port are always installed this depends on the hardware configuration of the cash register. The value programmed here is built up as "WB" were 'W' stands for the word size and 'B' stands for the baud rate. The maximum baud rate for port 1 and 2 is 57600 Baud and for port 3, 4, 5, and 6 it is 38400 Baud. For example 3 stands for 9600 Baud, 8 date, no parity 1 stop bit.

W	*Word size*
0	8 data, no parity, 1 stop
1	8 data, no parity, 2 stop
2	8 data, even parity, 1 stop
3	8 data, even parity, 2 stop
4	8 data, odd parity, 1 stop
5	8 data, odd parity, 2 stop
6	7 data, no parity, 1 stop
7	7 data, no parity, 2 stop
8	7 data, even parity, 1 stop
9	7 data, even parity, 2 stop
10	7 data, odd parity, 1 stop

11 7 data, odd parity, 2 stop

B	*Baud rate*
0	1200
1	2400
2	4800
3	9600
4	19200
5	38400
6	57600 (52083 when port 3,4,5 or 6)
7	115200 (78125 when port 3,4,5 or 6)

NOTE:

When the baud rate and word size for the computer communication is changed it will be active after ending of the communication session (installing or updating).

008: Inactivity Time

The time after which the register goes into idle mode when NOT in transaction and displays the time on the display. The value entered is the number of periods of 10 seconds so 2 means 20 seconds. A value of ZERO means that the Inactivity Timer is not active!!

When OPTION 4 “CLERK COMPULSORY” is set the clerk is also de-selected.

When OPTION 6 “AUTOFINALIZING” is set and the timer expires when the register is in transaction and no CLERK LOCK is inserted the transaction is automatically closed.

Note that you can force IDLE mode by pressing the X key without entry when the register is NOT in transaction. This can be used to de-select a clerk when CLERK is COMPULSORY.

009-012: Receipt Printer Assignment

The system has one printer which is used to print the transaction receipts. You need the program the type of printer (009), the port number (010), the type of backup printer (011) and the port number for the back up printer (012). When the type is set to ZERO it means there is no RECEIPT printer used. The following types are available:

Value	*Printer Type*
0	No Printer Installed
1	Internal Matrix Quorion DP614
2	Internal Thermal 80 mm LTP2342
3	Epson TM-88II or compatible
4	Epson TM210 or compatible
5	Epson TMH5000 or compatible
6	Epson TM295 or compatible
7	Internal Thermal 2x38mm
8	Epson TM210 or compatible with 44mm paper (Dry Cleaning)
9	Internal Matrix 2x38 mm (Quorion DP630)
10	Epson TM300 or compatible
11	Epson TM950 or compatible
12	Quorion Thermal QPRINT PRP-80
13	Quorion Thermal TH-200
14	Quorion Thermal QPRINT PRP-80 with cutter disabled
15	Epson RP-U420 (2 station matrix) or compatible
16	Citizen CBM-262 (2 station thermal) or compatible
17	QUORION QPrint NRP-1800
18	EJ-Logger with RS232. When activated the new report type 105 will send the electronic journal data to the EJ-Logger port. Only active in special version.
19	Epson M-J7100 (with 76mm paper)(2 station inkjet)
21	This printer type can be used for any printer and will always format the line for 40 char with CR/LF and NOT use any control characters. Instead of a cut command (Receipt End) it will print a line of "+++++++.. +++" (40 char) like on the journal.
23	Printer Type for 80mm (576 dots)
24	Printer Type for 56mm (432 dots)

25 BOCA ticket printer. When the KP printer type was set to 20 the register would print on the BOCA ticket printer and the PARAMETER 148 (“Ticket Width”) was used for setting the Ticket Length in millimeter. By default the text as printed verical. With the new type 25 the text will be printed horizontal and the PARAMETER 148 is used for the Ticket Width in millimeter.

26 Can be used to control an Epson Compatible printer which uses the ESC/POS commands (as used by the TM-88) but prints a different number of characters per line. The number of characters for Font A & B can be programmed in SYSTEM PARAMETER 185 & 186. The width of the logo can be programmed in SYSTEM PARAMETER 187. For example for an Epson TM-88 printer 185 = 42, 186 = 56 and 187 = 64 can be used which is the same as setting the printer type to 3.

NOTE:
When using an external printer the printer must be set to 8 data, no parity, 1 stop bit and must use Hardware Handshaking (DTR/DSR or RTS/CTS). The baud rate can be variable but 9600 or 19200 is advised. The cable used must support all signals (TXD, RXD, CTS, RTS, DTR, DSR, GND).

NOTE:
It is possible to connect an ETHERNET Printer which supports TCP/IP. When the register cannot connect to the printer it will give error 43 after 20 seconds. When you specify as printer port a value of 250 to 255 the register will assume it is a TCP/IP printer. For the moment GENERAL MESSAGE# 107 to 112 are reserved for programming the IP address and PORT#.
The IP address and Port Number are programmed as “xxx.xxx.xxx.xxx:port'”. For example :
“192.168.1.110:9100”
GENERAL MESSAGE# 107 holds the IP address and PORT# for printer port 250.
GENERAL MESSAGE# 108 holds the IP address and PORT# for printer port 251.
GENERAL MESSAGE# 109 holds the IP address and PORT# for printer port 252.
GENERAL MESSAGE# 110 holds the IP address and PORT# for printer port 253.
GENERAL MESSAGE# 111 holds the IP address and PORT# for printer port 254.
GENERAL MESSAGE# 112 holds the IP address and PORT# for printer port 255.
For example when you are using an EPSON TM-88 which has an ethernet port as a receipt printer you must program 3 in PARAMETER# 9 and 250 in PARAMETER# 10. The IP address and PORT number are then programmed in GENERAL MESSAGE# 107. For example “192.168.1.100:9100”. For setting the IP address in the printer please refer to the printer manual and tools

013-016: Journal Printer Assignment

The system has one journal printer which is used to print the transaction details. You need the program the type of printer (013), the port number (014), the type of backup printer (015) and the port number for the back up printer (016). When the type is set to ZERO it means there is no JOURNAL printer used. See Receipt Printer types for the available type number.

017-020: Slip Printer Assignment

The system has one slip printer which is used to print customer invoices. You need the program the type of printer (017), the port number (018), the type of backup printer (019) and the port number for the back up printer (020). When the type is set to ZERO it means there is no SLIP printer used. See Receipt Printer types for the available type numbers.

021-052: Kitchen Printer Assignments

The system can handle 8 logical Kitchen Printers which can each be assigned to a physical printer. This means it is possible to assign the same physical printer to each logical kitchen printer and even assign the receipt printer to the same physical printer. For every active kitchen printer you must program 4 options:

TYPE OF PRINTER (Parameter: 021, 025, 029, 033, 037, 041, 045, 049)
The type of printer. See Receipt Printer types for the available type numbers. When the type is set to ZERO it means there is no Kitchen Printer used.

PORT NUMBER (Parameter: 022, 026, 030, 034, 038, 042, 046, 050)
The port number to which the printer is connected. Port 0 means internal printer.

FONT (Parameter: 023, 027, 031, 035, 039, 043, 047, 051)
The font (0 – 7) used for the articles on this kitchen printer. The font of the other lines is programmed generally in System Parameters 68 until 72.

BACKUP KP# (Parameter: 024, 028, 032, 036, 040, 044, 048, 052)
The kitchen printer number (0 – 8) for the back up printer. Value 0 means there is no backup.

053: Register Number

The cash register number. When a network is used this number also identifies the register in the network and must be sequential and unique within the network. Note that the network is activated by programming the Register Number AND the Network Port# (PARAMETER 89). When the port# is not programmed the network will not be active!

054: Location Number

The location number. This number is only used for reference.

055: Network Size

The number of registers in the network. This parameter is required when the network is used for consolidation of reports and/or floating tables, articles or clerks. The theoretical maximum number of registers is 24. When the network is only used for sharing printers the size is not required but is advised to program it.

056: Scanner 1 Port

When you want to use a barcode scanner you must program the port number to which you want to connect it. The register will check this port for scanner data when the value is not ZERO. Don't forget to program the correct baud rate and word size.

057: Scanner 2 Port

It is possible to connect two different scanners to the register for example when you want to use a hand scanner and a table scanner at the same time. When you want to use two barcode scanners you must program the port number to which you want to connect the second scanner. The register will also check this port for scanner data when the value is not ZERO. Don't forget to program the correct baud rate and word size.

058: Character Set

The printer and display character set used. The number corresponds to the EPSON character sets.

0 – USA
1 – France
2 – Germany
3 – United Kingdom
4 – Denmark I
5 – Sweden
6 – Italy
7 – Spain
8 – Japan
9 – Norway
10 – Denmark II
99 - No code page command sent.
102 - CODEPAGE 850 (Multilingual Latin I). Note that your register must use the character set for Western Europe (WE). When the printer is Epson Compatible the register will sent ESC t 2 to the printer to select code page 850.

106 - CODEPAGE 737 (GREECE). Note that your register must use the character set for Greece. When the printer is Epson Compatible the register will sent ESC t 6 to the printer to select code page 737.

107 - CODEPAGE 852. Note that your register must use the character set for Central Europe (CE). When the printer is Epson Compatible the register will sent ESC t 7 to the printer to select code page 852.

118 - CODEPAGE 852 (Multilingual Latin 2). Note that your register must use the character set for Central Europe (CE). When the printer is Epson Compatible the register will sent ESC t 18 to the printer to select code page 852 (see also 107).

119 - CODEPAGE 858 (Multilingual Latin I+EURO). Note that your register must use the character set for Western Europe (WE). When the printer is Epson Compatible the register will sent ESC t 8 to the printer to select code page 858.

NOTE1:

When PARAMETER 58 is set to 107 or 118 the register will send ESC t 6 to the INTERNAL customer display of the QTouch to select code page 852 for Central Europe.

NOTE2:

When PARAMETER 58 is set to 99 the register will not convert the characters for the external printer and display and will also not sent the command to change the character set. This can be used when the external printer already supports the Windows character set as used by the register.

059: Decimals Base Currency

The number of decimals in the local currency. The theoretical maximum is 7 decimals.

0 = 1
1 = 1,0
2 = 1,00
3 = 1,000
4 = 1,0000
5 = 1,00000
6 = 1,000000

060-062: Base Currency Prefix

The prefix printed in front of the amounts in the base (local) currency. There are maximum 3 characters which can be used for the prefix. When you don't need a prefix or less then 3 character you must program a zero value. Note that the prefix is only used for the printer('s) and is never shown on the display('s).

063: Tendering Info Font

This is the font number for the printing of the tendering information like TENDERED, SHORT and CHANGE. The maximum font number is 7 (0-7).

064-065: Info Line 1 and 2 Font

This is the font number for Information line containing the time and date, receipt number, clerk name etc. The maximum font number is 7 (0-7).

066: System Report Font

This is the font number used when printing the System Reports. The maximum font number is 7 (0-7).

067: External Customer Display Port

When you want to connect an external customer display you must program the port number to which you want to connect it. The data is formatted for an Epson Compatible 2 line 20 character display. When the value is not ZERO the register will automatically sent the customer display data to this port. Don't forget to program the correct baud rate and word size.

For the customer display in the QTouch10Pro this parameter must set to 3 (For Port #3 must set Baudrate 9600, 8, n, 1).

068: Kitchen Printer Balance Number Font

This is the font number used when printing the Balance Number on the Kitchen Printer tickets. The maximum font number is 7 (0-7).

069: Kitchen Printer Name Font

This is the font number used when printing the Kitchen Printer Name on the Kitchen Printer tickets. The maximum font number is 7 (0-7).

070: Kitchen Printer Receipt Number Font

This is the font number used when printing the receipt number on the Kitchen Printer tickets. The maximum font number is 7 (0-7).

071: Kitchen Printer Date/Time Font

This is the font number used when printing the Date and Time on the Kitchen Printer tickets. The maximum font number is 7 (0-7).

072: Kitchen Printer Clerk/Salesperson Font

This is the font number used when printing the Clerk and/or Salesperson Name on the Kitchen Printer tickets. The maximum font number is 7 (0-7).

073: Slip Start Line

When using a Slip Printer it is possible to program the number of lines the paper should be fed before the printer start printing. When the value is ZERO the printer starts printing immediately.

074: Slip Left Margin

When using a Slip Printer it is possible to program the position of the left margin. This is done by printing the number of programmed spaces in front of the print line. When the value is ZERO the printer starts printing immediately.

075: Slip Length

When using a Slip Printer it is possible to program the number of lines which fit on one slip paper. When the number of lines is reached the register will issue the current slip paper and ask for a new slip paper to be inserted. When a value of ZERO is programmed there is no check on the length of the slip done by the register.

076-87: Barcode(2, 02, 20-29) In store Marking Formats

For PLU codes starting with 2 (EAN 8 digits) or 02, 20-29 (EAN13 digits) it is possible to specify the format. Flag 76 is used for EAN-8 codes starting with “2” and flags 77 to 87 are used for codes starting with 02, 20-29. The code contains either the Item Quantity or Item Price. Incase of an EAN-13 code the field containing the information is 10 digits and incase of an EAN-8 code the field is 6 digits. Note that with EAN-8 only codes starting with “2” are reserved for in store marking.
The formats are as follows:

EAN-13: “FFNNNNNNNNNC”
EAN-8: “2NNNNNNC”

FF contains the code ID 02, 20 to 29
N in store code
C is the check digit

The in store code can contain 3 fields. Field 1 contains the Item Code, field 2 is an optional Price Check Digit field (when the code contains the price) and field 3 contains either the quantity or price.
The contents of the in store field is specified as a 3 digits number “XYZ”.

X = 0 -> The Article code is used a PLU number. The ID is included in the PLU number!
X = 1 -> The Article code is used a PLU number. The ID is NOT included in the PLU number!
X = 2 -> The In store Marking ID is used as department number (only valid when used with Price Code)!

Y = 0 -> Code is interpreted as quantity code with no decimals.
Y = 1 -> Code is interpreted as quantity code with 1 decimal.
Y = 2 -> Code is interpreted as quantity code with 2 decimal.
Y = 3 -> Code is interpreted as quantity code with 3 decimal.
Y = 4 -> Code is interpreted as price code with no Price Check Digit.
Y = 5 -> Code is interpreted as price code with Price Check Digit.
Y = 6 -> Code is interpreted as price code with no Price Check Digit and is converted using Foreign Currency #1.
Y = 7 -> Code is interpreted as price code with Price Check Digit and is converted using Foreign Currency #1.
Y = 8 -> Code is interpreted as price code with no Price Check Digit and the stored price is multiplied depending on the prefix code:

- 21 -> Multiplied by 10.
- 22 -> Multiplied by 100.
- 23 -> Multiplied by 1000.
- 24 -> Multiplied by 10000.

For example when the stored price is 1234 and the prefix is 22 the register will use 1234.00 as price.

Y = 9 -> Code is interpreted as price code with Price Check Digit and the stored price is multiplied depending on the prefix code. See Y= 8 for values

Z = number of digits for quantity or price.

SPECIAL TYPE 200
When an INSTORE MARKING CODE (parameter 76 – 87 and 114) is set to TYPE 200 the register will process the code as KEYCODE input. The LAST 5 digits before the CHECK DIGIT are used as keycode when scanned. The keycode is the keycode as used in the cash register keytable. When you scan this code the register will execute the keycode as if the key was pressed. This can be used to execute special functions. Any function code can be used and the code is the same as the keycode programmed in the keytable.

The format is fixed: FFxxxxxKKKKKC
FF -> Instore marking Code,
xxxxx -> Not used can be set to any value when 8 digit code only 1 digit
KKKKK -> Keycode
C -> Check Digit

NOTES:

When using the format which converts the price automatically using Foreign Currency # 1 it is NOT POSSIBLE to use the ID as department number because the maximum value you can program is 256!
When you have set the option for converting and Foreign Currencies are not active in the program ERROR# 4 (INVALID ARTICLE) is given!!
Foreign Currency Function #1 must be programmed for converting the LOCAL currency to the currency stored in the barcode.

Example 1:

Suppose we want to use codes starting with 20 as a 4 digit price code with Price Check Digit and the Item code as a PLU number we must specify FLAG 78 as “054” the Item code will be automatically 5 digits.
The code “2012345P0250C” (p = price check digit, c is check digit) will result in a sale of 250 on PLU 2012345.

Example 2:

Suppose we want to use codes starting with 21 as a 5 digit price code without Price Check Digit and the Item code as a department number we must specify FLAG 79 as “245”.
The code “211234502500C” (c is check digit) will result in a sale of 2500 on department 21.

Example 3:

Suppose we want to use codes starting with 22 as a 5 digit quantity code with 3 decimals we must specify FLAG 80 as “035”. The article code is when using quantity ALWAYS used a PLU number because the price is programmed in the register.
The code “221234502500C” (c is check digit) will result in a sale of 2.500 X PLU 2212345

NOTE:

The maximum value which can be programmed is 255 so when using the ID as department# the maximum price length with check digit will be 5 !!
When programming a value of “000” for the format the codes are interpreted as normal barcodes.
When programming a value of “100” for the format the codes are not interpreted and always result in ERROR#4 (Invalid Article) this can be useful when automatic creation of PLU is used.
Also check OPTION# 81 for automatic registering on department# 1

088: Press Code Format

It is possible to activate automatic reading of special Press Barcodes. The format is country specific and is specified as a 3 digits number “XCC”.

X = 0 -> The Article code is used a PLU number. The Prefix is included in the PLU number!
X = 1 -> The Article code is used a PLU number. The Prefix is NOT included in the PLU number!
X = 2 -> The Article code is not used and only the Prefix is used as PLU number.

The following format are available:

Germany (CC = 01):
Format : FFFAAAAAPPPPC
FFF = 434 or 439 price is in DM.
FFF = 414 or 419 price is in EURO.
AAAAA = Article Code
PPPP = Price

C = Check Digit

United Kingdom (CC = 02):
Format : FFFAAAAAPPPPC
FFF = 988 or 989 price is in GPB.
AAAAA = Article Code
PPPP = Price
C = Check Digit

France (CC = 03):
Format : FFFAAAASPPPPC
FFF = 378 price is in EURO.
FFF = 379 price is in FFR.
AAAA = Article Code
S = Supplier Code
PPPP = Price
C = Check Digit

Sweden (CC = 04):
Format : FFFFAAAAPPPPC
FFFF = 7388 price is in SKR.
AAAA = Article Code
PPPP = Price
C = Check Digit

Sweden (CC = 05):
Format : FFFFAAAAPPPPC
FFFF = 7388 price is in SKR.
AAAA = Article Code
PPPP = Price Divided by 10. Example 490 stored will be 4900 .
C = Check Digit

Example:

Suppose we want to use German Press Codes and include the prefix in the article code we must specify FLAG 88 as "001".
The code "434123450250C" (c is check digit) will result in a sale of 250 on PLU 43412345

NOTE:

Also check OPTION# 82 for automatic registering on department# 2 and OPTION#83 for automatic EURO price conversion.

089: Network Port#

In order to activate the network you must program the Register Number (Parameter 53) AND the Port# which is used for the network. When an Ethernet LAN card is installed you MUST program 255 as port#! When you only need to connect 2 registers in a network you can use the standard RS-232 ports 1 to 4. When you want to connect more then 2 registers you MUST use port#4 and install a network (RS-485) card in the register. Note if you program port# 4 as network port the register MUST have a network card installed!! The word size for the network MUST be 8 data, no parity, 1 stop bit for the port used. When using RS-232 port 1 or 2 the maximum baud rate is 57600 (value 6 for parameter 2 or 3). When using port 3, 4, 5 or 6 for the network the maximum baud rate is 78125 (value 7 for parameter 4, 5, 6, or 7).

090: Keyboard Shift Offset

In this parameter you can program the offset which is added to the Fixed PLU or Department when the Keyboard Shift key is pressed before entry. When you program a value of 1 then when pressing fixed PLU key 10 it will change to PLU 11.

091: Rounding Type

In this parameter the type of rounding is programmed. At the moment the following type of rounding are possible:

1-> Swiss Rounding, 0-2 = 0, 3-7 = 5, 8-9 = 10.

2-> Danish Rounding, 0-12 = 00, 13-37 = 25, 38-62 = 50, 63-87 = 75, 88-99 = 00.

3-> Norwegian Rounding, 0-24 = 0, 25-74 = 50, 75-99 = 100.

4-> French Rounding, 1-5 = 5, 6-9 = 10.

5-> 00/10 Rounding, 1-9 = 10.

6-> 04/10 Rounding, 0-4 = 0, 5-9 = 10

7-> 04/05 Rounding, 0-4 = 0, 5-9 = 5

8-> Special 24/50 rounding for CZ

9-> Swedish 00/100 Rounding, 00-49 = 00 , 50-99 = 100

10-> 00/00 Rounding for Indonesia, amount are rounded down to 00. (1.01-1.99 = 1. 00)

100-199->. When you program as rounding a value between 100 and 199 the register will use the last 2 digits as the rounding point.

Example:

AMOUNT	PARAMETER 91	RESULT	
150	100	200	Will always round UP
151	100	200	Will always round UP
150	199	100	Will aways round DOWN
151	199	100	Will aways round DOWN
150	150	100	Will round DOWN
151	150	200	Will round UP

200-209-> When you program as rounding a value between 200 and 209 the register will use the last digit as the rounding point.

Example:

AMOUNT	PARAMETER 91	RESULT	
105	200	110	Will always round UP
106	200	110	Will always round UP
105	209	100	Will aways round DOWN
106	209	100	Will aways round DOWN
105	205	100	Will round DOWN
106	205	110	Will round UP

092: Type Electronic Scale

In this parameter the TYPE of SCALE is programmed. See SCALES.DOC for detailed information.

TYPE = 0, No scale connected.
TYPE = 1, EUROSTAR M15-28
TYPE = 2, KILOTECH PD1 weight with 3 decimals
TYPE = 3, KILOTECH PD1 weight with 2 decimals (CAPA = 2, UNIT = LB)
TYPE = 4, AVERY BERKEL CX9 weight only (or compatible).
TYPE = 5, EUROSTAR M15-28 SCALE no BCC (or compatible)
When PARAMETER 92 is set to 5 the register will use the EUROSTAR protocol but will NOT calculate the checksum. It has been reported that some versions of the EUROSTAR (or compatible) scales don't support the checksum calculation. See TYPE 1 for further info.
TYPE = 6, METROLOGIC STRATOS SCALE/SCANNER
This is a combined scanner and scale but NOTE that the scanner and scale must be connected to their own serial port. For activation of the scanner only the port must be programmed in PARAMETER 56 or 57. In order to activate the scale you must program the TYPE of SCALE and the PORT# to which the SCALE is connected.
TYPE = 7, METTLER TOLEDO TYPE L2-SCA1
The METTLER TOLEDO TYPE L2-SCA1 (with Berkel DIALOG 06 PROTOCOL) (or compatible) scale is a price computing scale which means that the register sends the price and the scale will calculate the total price (weight X price) and send it back. In order to activate the scale you must program the TYPE of SCALE and the PORT# to which the SCALE is connected.
TYPE = 8, METROLOGIC STRATOS scale/scanner with the NCI SCP-02 protocol.
TYPE = 9, SL4700 UWE scale
TYPE = 10, DS-788 for Greece
TYPE = 11, BERKEL DIALOG 06 with PRICE calculation.
When SCALE type 11 is activated the register will use the Berkel DIALOG 06 protocol as used by SCALE TYPE 7 but will use the price and an total amount from received from the scale instead of calculating the total amount. The TARE function and Weight key are not supported for this scale type.
TYPE = 12, Magellan model 8100 Scale/Scanner. This scale only requires one serial port for connection.

Set the Port to which you connected the Magellan 8100 to 103 (9600 BAUD, 7 data bit, 1 stop bit, odd parity). Set either parameter 56 (scanner port 1) or 57 (scanner port 2) to the port number. Set parameter 92 (scale type) to 12. Set parameter 93 (scale port) to the port number.

TYPE = 13, Magellan model 8100 Scale/Scanner which uses POUNDS instead of KILOGRAM. This scale only requires one serial port for connection. Set the Port to which you connected the Magellan 8100 to 103 (9600 BAUD, 7 data bit, 1 stop bit, odd parity).

- Set either parameter 56 (scanner port 1) or 57 (scanner port 2) to the port number.
- Set parameter 92 (scale type) to 13.
- Set parameter 93 (scale port) to the port number

SCALE TYPE 14 (set to KG) and 15 (set to LB) for the "CAS PD-II SCALE set to ECR TYPE 3".

- The CAS PD-II scales only allow one weight request and will not respond to a new request until the weight has been changed or removed. So once a weight request is made the scale willnot respond until the weight is changed or removed.
- When SYSTEM OPTION 460 (Weight Confirmation) is NOT SET this is not a problem and PARAMETER 92 can be set to type 2 (or 3 for pounds).
- When SYSTEM OPTION 460 (Weight Confirmation) is SET the scale type in PARAMETER 92 must be set to 14 (or 15 for pounds) so the system know it can only request once. Note that scale type 14 and 15 also display a weight of ZERO when the weight is removed before confirmation.

SCALE TYPE 16 (set to Ounce "OZ") for the "CAS PD-II SCALE set to ECR TYPE 3

- Certain CAS PD-II models can be set to use Ounces (oz) instead of Pounds. When the scale is set to ounces it will respond with a weight with 1 decimal instead of 2 when set to pounds.
- Also see OPTION 483 (Print "oz" instead of "kg").

NOTE ON DIGI DS-788 SCALE (or compatible)

The DIGI scale can be used when set to the MONS or CAS protocol. The MONS protocol is the same as the CAS protocol but it will not check the BCC (checksum). When you set the TYPE to 5 the scale can be set to either CAS or MONS. When you set the TYPE to 1 you MUST set the scale to CAS.

093: Port Electronic Scale

In this parameter the PORT# to which the SCALE is connected is programmed . Don't forget to program the baud rate and word size!

094: Magnetic Card Reader Port

It is possible to connect a Magnetic Card Reader which reads Track1 and/or Track 2 to select and open a balance.
You activate it by programming the port number to which the reader is connected.
The card reader must sent the track start character (% for track 1 and ; for track 2).
The register will use the last digits of the number stored on the track as balance number.
It will by default use BALANCE FUNCTION# 1 to open the balance but when SYSTEM PARAMETER 103 is programmed it will use the function as programmed in PARAMETER 103. See PARAMETER 103 for more details.
When a code size is setup in the configuration the register will use the number of digits as setup. For example when a 6 digit code size is used the last 6 digits from the stored number are used.
When no code size is used it depends on the number of balances how many digits are used. When max 99 balances are activated the last 2 digits, max 999 balances the last 3 digits, max 9999 balances the last 4 digits.

095: Maximum Number of Ticket Copies

When ZERO the number of ticket copies is unlimited else the maximum is the programmed value.

096: Type EFT Terminal

In this parameter the TYPE of EFT Terminal is programmed. It depends on the country which terminal is used.

TYPE = 0, No EFT Terminal Connected.
TYPE = 1, ZVT-700 for Germany. See EFT_GER.DOC for more information.
TYPE = 2, ELV card reader. See EFT_GER.DOC for more information.

TYPE = 11, CKD Concert for France. See EFT_FRA.DOC for more information.
TYPE = 12, INGENICO with the EURO Protocol. See EFT_FRA.DOC for more information.

TYPE = 21, BANK AXEPT for Norway. See EFT_NOR.DOC for more information.

TYPE = 31, POINT S3000 for Finland. See EFT_FIN.DOC for more information.
TYPE = 32, POINT S3000 for Finland with Signature. See EFT_FIN.DOC for more information.

TYPE = 41, NETS for Singapore. See EFT_SGP.DOC for more information.

TYPE = 51, CCV 2250/3750 EFT terminal for Holland. See EFT_NL.DOC for more information.
TYPE = 52, Magna Carta Smartcard Terminal for Holland. See EFT_NL.DOC for more information.
TYPE = 53, Horosmart Counter Solutions Terminal for Holland. See EFT_NL.DOC for more information.
TYPE = 54, Quality Equipment C-ZAM/C terminal with the VIC (1.03) protocol.. See EFT_NL.DOC for more information.
TYPE = 55, SEP Card Reader (Protocol 1.03). See EFT_NL.DOC for more information.
TYPE = 56, XAFAX 6142 XA INFINEER protocol. See EFT_NL.DOC for more information.
TYPE = 57, ALPHYRA with 2-step protocol using EFT terminal printer.. See EFT_NL.DOC for more information.
TYPE = 58, Quality Equipment Xenta terminal with the VIC (1.06) protocol.. See EFT_NL.DOC for more information.

TYPE = 81 Point Xenta terminal for Sweden. See EFT_SWE.DOC for more information.
TYPE = 83, 84 SAMPORT terminal used in Sweden (first test)

TYPE= 104 Datacap with OOS solution for the US market.

097: Port EFT Terminal

In this parameter the PORT# to which the EFT Terminal is connected is programmed . Don't forget to program the correct baud rate and word size!

098: Validation Start Line

In this parameter you can program the number of lines the register should feed before it prints the Validation Line when the VALIDATION key is pressed. GENERAL TEXT NUMBER 53 "Validate" (is displayed with the amount when the validation key is pressed).

Validation can only be done after the transaction is closed and will print the last transaction total, receipt#, clerk name, location/register# and time and date on the validation line.

```
LINE1:  27-11-2002 17:11:00  CLERK 1
LINE2:  #999999 L0001      9,999,999,999,99
```

(Line1: Date, Time, Clerk Name)

(Line2: Receipt#, Location#+Register#, Amount)

099: EFT Response TIMER

Programmable EFT Timer. In this Parameter the time the register waits for a response from the EFT terminal is programmed. It is in units of 10 seconds so 18 means 180 seconds. When not programmed the register will use the default timeout. At the moment it is only used for France.

100: LCD Display Contrast

This parameter is used to set the contrast for the new 16 line display contrast controller and the backlight intensity for the Qtouch-2 and Concerto.

Qtouch-2/Concerto:
When ZERO (default) the maximum intensity is selected. When programming a NON-ZERO value the minimum intensity is selected. Note that you can only set it to maximum or minimum. It is also possible to select the minimum by entering 9999 on the TYPE key. The maximum can be set again by entering 0 on the multiply key and then enter 9999 on the TYPE key.

16 – Line Display:
The contrast value can be between 10 and 28. When a value of ZERO the default value 20 is used and when a value outside the range is programmed the minimum or maximum value is used. A new mode has been added to increase or decrease the contrast of the 16 line display instead of programming the contrast value in Parameter 100.

- The mode is started by entering 9999 on the SUBTOTAL key when in Registration Mode or on the TYPE key when in programming mode.
- The register will display the current value of Parameter 100 on the operator display and fill the remaining with test strings.
- To increase the contrast press the LINE UP or PAGE UP key and to decrease the contrast press the LINE DOWN or PAGE DOWN key.
- The register will adjust the contrast by one step at a time. Note that after reaching the minimum or maximum value the contrast is set back to the default value. The minimum value for the 16 line display is 10 and the maximum is 28. The default value is 20.
- When finished changing the contrast press the CLEAR key or turn the Central Lock.

101: Handheld Port#

Port# for connection of the HANDHELD System of DK-Elektronik or the MERLIN handheld. This function is only availble on the QMP 'Premium' version. See HANDHELD.DOC for more information.

102: Second Validation Start Line

There is a new option in the PRINT OPTION2. When you set PRINT OPTION 2-5 (VALIDATION) and 2-6 (2 LINE VALIDATION OPTION). the register will do a 2 line validation. After the first validation it will feed the number of lines as programmed in PARAMETER 102.

AUTO VALIDATION:
There is a new option in the PRINT OPTION2. When you set PRINT OPTION 2-5 in DEPARTMENT (or PLU), TENDER, PORA or DISCOUNT function the register will validate on the external SLIP printer (TM-295). After VALIDATION the register will release the paper and show ERROR# 56 to prompt for removing of the paper. When SYSTEM PARAMETER 98 (Validation Start Line) is NON ZERO the register will feed the paper back when ZERO it will only release.

VALIDATION FORMAT:

```
         12345678901234567890123456789012345
LINE1:   27-11-2002 17:11:00  CLERK 1  L0101
LINE2:   #999999 PLU 1      9,999,999,999,99
```

(Line1: Date, Time, Clerk Name, Location#+Register#)
(Line2: Receipt#, Function Name, Amount)

103: Balance Scanning Code Format

This parameter is used to activate SCANNING of BALANCE NUMBERS. When a scanner is connected to the register it is possible to scan a Balance Number. By setting parameter 103 it is possible to specify if the scanned number is processed as a Table, Room or Account number. The register will check the first 2 digits of the scanned code. The FIRST digit MUST ALWAYS be a '9' and the second can be programmed in parameter 103 see below. In paramter 103 you program 2 digits XY where X is the second digit of the code and Y is the Balance Function Number.

Note1:
When in balance program mode and the code is scanned the register will automatically select the Balance.
Note2:
The size of the barcode can be variable the register will use the digits after the first 2 as balance number so the first 2 digits are NOT part of the balance number.

Example1:
When you program a value of 1 the register will process all codes starting with 90 on Balance Function# 1 which is normally programmed as the TABLE function. Code 900010 will select Table 10.

Example2:
When you program a value of 93 the register will process all codes starting with 99 on Balance Function# 3 which is normally programmed as the ACCOUNT function. Code 9900123 will select Account 123.

Note3:
When you program a value between 10Y and 25Y the register will process all codes starting with 2XX as balance codes where XX depends on the value 10X to 25X. examples:

10Y -> Codes must start with 200
15Y -> Codes must start with 205
25Y -> Codes must start with 215

Note: Y stands for balance function number.

To make it possible to select a different balance type using a scancode it is now possible to select the balance type from the scan code when the function type# (XY were Y = 0) is set to ZERO (. When the last digit is 0 then use the 3rd code digit as function#.

Example:
Parameter 103 is 90:
code 990001 will use balance function# 1
code 991001 will use balance function# 2
code 992001 will use balance function# 3
code 998001 will use balance function# 9

104: Type of Tap Controller

Type of the connected TAP CONTROLLER. This function is only availble on the QMP 'Premium' version. See TAP_CONT.DOC for more information.

105: Port# Tap Controller

Port# for connection of a TAP CONTROLLER. This function is only availble on the QMP 'Premium' version. See TAP_CONT.DOC for more information.

106: Base PLU Price Level

In this parameter you can program the BASE PLU PRICE LEVEL the register should use. It will automatically select the level as programmed when SYSTEM OPTION 29 or 30 is set or when the register is switched on.

107: Drawer Close Timer

The time after which the register will give ERROR# 18 "CLOSE DRAWER" when NOT in transaction and a Drawer with a DRAWER OPEN SENSOR is used. Note that this only works with drawers connected directly to the cash register and NOT with drawers connected to an external printer. The value entered is the number of seconds. A value of ZERO means that the Drawer Close Timer is not active!! The register will give a continuous error until closed.

108: Balance Number Font

When NON ZERO the register will use the Font (1 to 8) as programmed for printing the BALANCE number on the receipt, journal and slip.

109: Invoice Number Font

When NON ZERO the register will use the Font (1 to 8) as programmed for printing the INVOICE number on the receipt, journal and slip.

110: Hospitality Day Change

In this parameter you can program the time at which the register should switch to the next "Day of Week", "Day of Month" and "Date to Date" zone. This can be used for reports by zone and price level selection by zone. The value programmed is HHM where HH stands for the hour and M stands for minutes in 10-minute periods. For example when you program 23 the register will switch to the next (day related) zones at 2:30 in the morning.

111: Number of Seats

In this parameter you can program the number of Seats for TABLE totals maximum 99. When NON ZERO the register assumes you are using SEATS when ordering on table and will have the following result:

1) When you open a table by only entering the TABLE# it will ALWAYS select SEAT# 1 by default. The display will show "Table# X.1" where X is the TABLE#.

2) On the Kitchen Printer is will also print “TABLE# X.1” so you can see to which seat the entry belongs.

3) You can change SEAT# by entering the SEAT# on the SEAT# key (key code 280). When you change the SEAT# the register will close the current SEAT and sent the information to the kitchen.

4) It is possible to open a SEAT directly by entering the table number with a decimal point followed by the seat number. When you enter 2.3 it will open seat# 3 on table# 2.

5) When an INVOICE is selected the register will prompt you for the type of INVOICE.
5a) All Combined (GENERAL TEXT# 62).
When selected the register will transfer all seats to a temporary table with number 1.0 and print the combined invoice.
5b) All Separate (GENERAL TEXT# 63).
When selected the register will print the Invoice for all seats used for this TABLE.
5c) Single/Group (GENERAL TEXT# 64).
When selected the register will print the Invoice for the current seat when closed directly with CASH or ORDERED. It is possible to select a number of seats by entering the seat number on the SEAT# key before CASH or ORDERED is pressed. Note that a seat number can be corrected with the E.C. (Error Correction) key.

6) You can transfer a SEAT to another SEAT by using the TRANSFER key and then enter the new SEAT# on the SEAT# key.
7) You can transfer a SEAT to another TABLE-SEAT by using the TRANSFER key and then enter the new TABLE-SEAT using decimal entry on the TABLE# key. For example 2.3 will transfer to table# 2 seat# 3.
8) The register handles each seat as a separate balance. The only difference is that you can switch seats easily by using the SEAT# key and that you can combine at payment.
9) It is advised to set SYSTEM OPTION 220 so the receipt number is not incremented when no sales are made to the current balance because there is no ticket issued.
10) New FIXED FUNCTION SEAT# with key code 280.
11) NEW GENERAL TEXTS 61 used for “SEAT#”, 62 used for “ALL COMBINED”, 63 used for “ALL SEPARATE” and 64 used for “SINGLE/GROUP”.

NOTES ON THE TABLE TOTAL CONFIGURATION

USING SEATS WITH FIXED TABLES. When in the configuration of the TABLE TOTALS the CODE SIZE is set to ZERO the register will automatically divide the number of tables by the number of seats as programmed plus 1. Parameter 111 is used to fix the layout of the TABLE TOTAL file and an extra balance for each table is required for storing the combined balance when a combined invoice is issued. For example when you have 500 TABLE TOTALS in the configuration and set the number of seats to 4 this will result (500 divided by 4+1) in 100 tables with 4 seats each. In this setup each table will have a maximum of 4 seats.

USING SEATS WITH FREE NUMBER ASSIGMENT. When in the configuration of the TABLE TOTALS the CODE SIZE is NON ZERO and also the OPTION FREE NUMBER ASSIGNMENT is SET the register will automatically assign a table total to a TABLE-SEAT number when first opened. You only must take care that the code size is large enough to hold the TABLE-SEAT number. When you are using less then 10 seats the last digit is used for the seat number when you are using more the last 2 digits are used for the seat number. Parameter 111 is only used to set the maximum seat# you can enter. For example when the code size is set to 4 and the number of seats to 8 the maximum TABLE-SEAT number can be 999.8. Because assignment is automatically the number of TABLE TOTALS only refers to the maximum number of TABLE-SEAT balances open at the SAME time so in the above example and the number of TABLE TOTALS is set to 50 you can open any number between 1.1 and 999.8.

USING SEATS WITH PREPROGRAMMED NUMBERS. When in the configuration of the TABLE TOTALS the CODE SIZE is NON ZERO and also the OPTION FREE NUMBER ASSIGNMENT is NOT SET you need to program the TABLE-SEAT numbers in the TABLE file. In this way you can program the number of seats for each table because when the combination is not present you cannot book on this TABLE-SEAT combination. You MUST also program the BASE TABLE# because it is needed as temporary storage when a combined invoice is issued. For example you have TABLE# 1 with 2 seats, TABLE# 2 with 3 seats and TABLE# 3 with 4 seats and parameter 111 set to 8 you must program the TABLE file as follows: 10, 11, 12, 20, 21, 22, 23, 30, 31, 32, 33 and 34. When you have set parameter 111 to 16 you must program the TABLE file as follows: 100, 101, 102, 200, 201, 202, 203, 300, 301, 302, 303 and 304.

112: Automatic Network Reset timer

When non zero the register will reset the RS-485 network port after the timer has expired and the network is not active. The value is programmed in number of seconds.

113: Handheld Type

This parameter is reserved for specifying the Handheld type which is connected. At the moment the DK, MERLIN, Orderman and QMOS handheld are supported. See HANDHELD.DOC for DK and MERLIN.DOC for MERLIN, ORDERMAN.DOC for Orderman and QMOS.DOC for QMOS. Note that the Orderman and QMOS can only be connected to the Qtouch-2 or Concerto. DK and MERLIN can be connected to the QMP 3000 series on request.

114: Instore Marking Code 99

When non zero the register will check for barcodes starting with 99 (and size 13 digits) and process them as instore marking codes according the format as programmed. The format can be found by the INSTORE marking codes 20-29 (see Parameter 78-87). When you link it to a negative department you can use it as a coupon code.

115: Lines to Feed after CUT (CR1000 only)

Reserved for CR1000 series. In this parameter you can program the number of lines the CR1000 should feed after the paper is cut on th einternal printer.

116-117: KP1 and KP2 exit time period

When OPTION 254 is set then the register will use the time programmed in PARAMETER 116 for KP 1 and the time in PARAMETER 117 for KP 2. The time is programmed in minutes so when you program 95 the register will add 1 hour and 35 minutes to the system time. These parameters can be used when a special time period needs to be printed on the ticket. When the value is ZERO the register will take the default time of 1 hour for KP 1 and 2 hours for KP 2.

118: Port# Extra Keyboard

When in the configuration an Extra Keyboard (Quorion 156 keys) is activated (using QPROG 1.47 or newer) you can specify the port to which it is connected. On our new model CONCERTO this parameter must be ZERO because the extra keyboard is always builtin. When connecting it to our other models it will be in most cases connected to port# 2 because it also requires 5 Volt. Don't forget to set the baudrate for the port used to 9600 and 8, N, 1. Program Mode 49 is used for programming the extra keyboard and Programming text# 49 is used.

119: Concerto Touch Button Type

The Concerto Support different type of Touch Buttons. By changing this value the button appearance is changed. See also 120 Bevel Size.

Key Type 30 – 38: Button with round corner, the radius of the corner increase by higher value. The button have a color gradient from white to the elected button color.

Key Type 40 – 48: Button with round corner, the radius of the corner increase by higher value. The button have a color gradient from the elected button color to white.

120: Concerto Touch Button Bevel Size

In this paramter the Bevel Size of the new Concerto Buttons can be changed, The value is the width of the bevel in pixels.

121: Concerto Touch Table Maps

In this parameter then number of Tabel MAPS (max 8) is programmed. When the TABLE# is pressed without entry the register will automatically open the TABLE maps.

- The first time the register will automatically divide the tables over the number of activated table maps.

- It is possible to reset the table plan by entering 201 on the program TYPE key. Note the register will divide the available tables over the number of table maps.

- You can change the position, remove a table or create a new table in a special programming mode which can be activated by entering 200 on the program TYPE key or in MANAGER mode by entering 200 on the SUBTOTAL key. The register will show the table map and an extra field on the reight bottom which is used as a table pool.
When you select a table and keep it selected you can drag it to this field and after you release it will be removed. When you press on the table pool a new table will be created and after you dragged it to the desired position it will ask for the table number. You must enter the table number on the displayed numeric keyboard and then press the '=' key.

- When a table with number 0 is shown you can enter the number by selecting the table.

- Any number can be assigned to a table (including decimal point). When the table is selected the register will use the programmed number as if it was entered on the keyboard so when you program a non existing table number the register will give an error unless you have activated "free assignment" of table numbers in the configuration.

122: Fiscal Printer Port

The QPRINT FM can be activated by specifying the port# to which is it connected in this e parameter. Note that the Fiscal printer is only required in certain fiscal countries and also requires that the printer is connected. So if not needed DON'T use this parameter and it MUST be set to ZERO!

123: Merlin IDLE timer

This parameter can be used to program the IDLE timer for the MERLIN HANDHELD. The default value is 5 seconds but when a longer time is needed you can program the number of seconds in this pararameter. The register will by default always close the transaction when no key has been pressed for 5 seconds. This could be to short especially when the register is also used for DIRECT sales.

124: GSM Port

Port# for connection of a GSM modem. This function is used to send datas via a MC55/TC65 GSM modem (Concerto). If non zero a GSM modem is connected.

125: Transaction Logging Device

When SYSTEM PARAMETER 125 is set to 3 the register will sent a copy of the transaction buffer in the Electronic Journal format to the port/printer as specified in SYSTEM PARAMETER 126 (Quorilog Port#). The port number programmed in parameter 126 has the same format as used for printers so 22 means port#2 of register# 2 and 250 means TCP/IP printer. The only difference with the Electronic journal format are field# 1 and field# 2. Field# 1 is fixed to 250 to identify the record type and field# 2 is the record number within the transaction instead of the record number within the report.

FIELD 1 -> Fixed to 250 (Transaction Journal ID).
FIELD 2 -> Sequential Record Number within Transaction
FIELD 3 -> Location + Register Number.
FIELD 4 -> Date formatted according to application setting.
FIELD 5 -> Time formatted according to application setting.
FIELD 6 -> Receipt Number.
FIELD 7 -> Salesperson Number when active in application.
FIELD 8 -> Balance Invoice Number. When Invoice without number fixed to 65534.
FIELD 9 -> Balance Type (table=249, room=250, account=251).
FIELD 10 -> Balance Number.
FIELD 11 -> Clerk Number.
FIELD 12 -> Function Type.
FIELD 13 -> Function Number.
FIELD 14 -> Function Text.
FIELD 15 -> Quantity.
FIELD 16 -> Amount.

Note: Value 1 and 2 are reserved for special fiscal loggging devices!!

126: Quorilog Port#

Port# to which the Quorilog device is connected. See QUORILOG.PDF for more details.

127: Print Total Barcode

When non zero the register will print an EAN13 instore barcode (20 – 29) with the total sales amount on the bottom of the receipt when a printer which supports this is used. The internal thermal printer of the Quorion models support this feature and also most external thermal printers.

The format is fixed: 2F0LLRRAAAAAC

F : With the value in parameter 127 you can specify the second digit F of the barcode it will print a dfifferent digit for positive and negative amounts:
1 -> prints 20 for positive amount and 21 for negative amounts
2 -> prints 21 for positive amount and 22 for negative amounts
3 -> prints 22 for positive amount and 23 for negative amounts
4 -> prints 23 for positive amount and 24 for negative amounts
5 -> prints 24 for positive amount and 25 for negative amounts
6 -> prints 25 for positive amount and 26 for negative amounts
7 -> prints 26 for positive amount and 27 for negative amounts
8 -> prints 27 for positive amount and 28 for negative amounts
9 -> prints 28 for positive amount and 29 for negative amounts
10 -> prints 29 for positive amount and 20 for negative amounts

LL : Location number taken from PARAMETER 54.
RR: Register Number taken from PARAMETER 53.
AAAAA: 5 digit amount. When the amount is more then 99999 the register will print more barcodes.
C: Check Digit.

128: FTP Automatic Report Number

In this parameter you can program a REPORT# which the register will automatically try to sent to the server when USER REPORT# 1 is taken in Z-mode. This can be used for example when you want to sent the Electronic Journal to the server at day closing. See QMP_FTP.DOC for more information.

129: QWERTY Keyboard Layout

In this parameter you can program the layout type of QWERTY keyboard which is used. This applies to the Soft and External keyboard. At the moment there are only two types possible. The register reads the keynumbers from the external keyboard so it is important that the programmed layout matches the keyboard used.

0 ---> Standard US layout

1 ---> GERMAN layout

2 ---> SPANISH layout

3 ---> SWEDISH layout

4 ---> NORWEGIAN layout

5 --> CZECH layout (Note that CE font must be installed!)

6 --> FRENCH layout

130: USB Automatic Report Number

A new fixed report# 105 has been created. It will write the report# as programmed in this PARAMETER to an USB stick. When there is no report# programmed it will by default write report# 101 (Electronic Journal) to the stick.

131: Clock Check

Number of Days Check when Z Report is started

In this parameter you can program the number of days after last Daily Z report for fiscal cash registers only. If number of days is reached it will require a confirmation and input of the date from user before starting Z report. Its used to prevent user to make Z report with wrong setted date.

132: Port DGI/SENIAT Device (Fiscal)

Port# for reading fiscal datas with DGI/SENIAT protocol used in fiscal cash registers only.

133: Loudness of GSM phone

This parameter is used to set the Loudness of GSM phone.

134: Ringtone of GSM phone

This parameter is used to set the ring tone melody for GSM module.

135: Reserved for future GSM function

Reserved for future use GSM module.

136: Type Debet Card Terminal

When you want to use 2 EFT terminals or an EFT and a DEBET card terminal at the same time you can program the type of terminal here. At the moment only type 51, 55 an 56 for the Dutch market are supported. Don't forget to program a TENDER function with OPTION 1-4 set!

137: Port Debet Card Terminal

Here you program the port to which the DEBET card terminal is connected.

138: Parking Time Menu Link

In this parameter you must program the MENU function number in which the time periods and PLU numbers are programmed for the PARKING SYSTEM.

In the MENU function you must program the number of minutes for the time periods and the PLU which is used for this period.

By selecting another PRICE level before the TIME OUT key is pressed (or scanned) you can have different parking rates. You can print the level text with the article by setting OPTION 1-2 in the PRICE LEVEL function to indicate the different rate.

It is possible to calculate the price depending only on the period instead of adding all previous periods It is activated by ADDING 100 to the MENU function number programmed in SYSTEM PARAMETER 138 or in the BALANCE programming.example:

MENU FUNCTION #1 programmed as:

time 1: 15 minutes -> PLU 1 (1,00)

time 2 :30 minutes -> PLU 2 (0,75)

time 3: 60 minutes -> PLU 3 (1,25)

MENU LINK programmed as 1 in PARAMETER 138 or BALANCE will result in a total of 1,75 when 25 minutes have passed ((1x1,00) + (1x0,75)).

MENU LINK programmed as 101 in PARAMETER 138 or BALANCE will result in a total of 0,75 when 25 minutes have passed (1x0,75).

MENU LINK programmed as 1 in PARAMETER 138 or BALANCE will result in a total of 4,25 when 140 minutes have passed ((1x1,00) + (1x0,75) + (((95/60)+1)x1,25)).

MENU LINK programmed as 101 in PARAMETER 138 or BALANCE will result in a total of 3,75when 140 minutes have passed (((140/60)+1)x1,25).

It is possible to chain TIME Menu functions when 12 periods is not enough. When the PRICE field is NON ZERO the programmed value is used as the next MENU link. Note that you can/must program XX or 1XX like in PARAMETER 138.

139: Parking Time Barcode

When NON ZERO the register will print a EAN-13 barcode on the ticket issued by the IN TIME key (keycode 296). When NON ZERO the register will also check a scanned barcode whether it is a TIME barcode and will automatically process the code on the TIME OUT function.

Barcode format: XXYYDDMMHHMMC or XXYYMMMMHHMMC depeding on SYSTEM OPTION 77 (Date format).

XX = the TIME barcode ID.

YY = year of issueing the ticket.

MM = month of issueing the ticket.

DD = day of issueing the ticket.

HH = hour of issueing the ticket (24 hour format).

MM = minute of issueing the ticket.

C = check digit.

140: Table Service Time

In this parameter you can program the number of minutes after which the color of the tables on the Concerto/QTouch-2 table map are inverted to signal that they haven't been served. Opening and closing the table will reset the timer. This only works when in the TABLE configuration the option STORE TIME is set. When you are also using the BALANCE TIME system the time is only reset when the TIME OUT function has been used.

In this parameter you can program the maximum number of items the Orderman Handheld will sent in on block. The maximum number of Items is 50. When set to ZERO it uses the default value of 50 in one Order Record. When the order block is to big the register will sent ERROR MESSAGE**#** 68 (“Order too Big”) to the Handheld and you must remove some items from the order and try again. When you get this message very often you might consider decreasing the maximum number of items so the Orderman sends large orders in smaller blocks.

142: INFO Endorsement Messsage#

It is possible to display special operator information using a sepcial endorsement message which is programmed in a specific format. In this parameter the ENDORSEMENT MESSAGE# is programmed which is used for these special INFO Messages. Each message uses 3 lines. The first line is used as Window title and the other 2 as message. It will use the font as programmed. Also set OPTION 321 for opening a Window with the message! When you program a value in thos parameter the register will ALWAYS display:

Message# 1 (LINE 1, 2 & 3), Message at Power Up.

Message# 2 (LINE 4, 5 & 6), Message at start of a Z-report which could be used for paper check.

Message# 3 (LINE 7, 8 & 9), Message for check Cash In Drawer Limit.
The format of line 7 is specific:
D;AAAAA;Window title
D = Drawer Function to be checked. Standard, Period 0 amount is checked.
; = field separator
AAA = Maximum Amount
; = Field Separator
Window Title

Message# 4 (LINE 10, 11 & 12), Message at End of Cash Declaration in Report Macro for confirmation.

Message# 5 (LINE 13, 14 & 15), Message at end of a Z-Report End in Report Macro for reset confirmation.Endorsement Message# used for the KLIER project.

143: Handheld Receipt Printer Type

SYSTEM PARAMETER 143 (Handheld Receipt Printer Type) and 144 (Handheld Receipt Printer Port) can be used to specify a dedicated receipt printer for the Orderman. When programmed the register will re-direct all

RECEIPT Printer Output to the programmed printer. The programming is the same as for the Receipt Printer parameter.

144: Handheld Receipt Printer Port

SYSTEM PARAMETER 143 (Handheld Receipt Printer Type) and 144 (Handheld Receipt Printer Port) can be used to specify a dedicated receipt printer for the Orderman. When programmed the register will re-direct all RECEIPT Printer Output to the programmed printer. The programming is the same as for the Receipt Printer parameter.

145: KP Beep Length

When this parameter is non zero and SYSTEM OPTION 173 (Beep to External KP) or SYSTEM OPTION 369 (Beep 2 to External KP) is set the register will sent this value instead of the default value 25.

146: Port for external Quorion Display (QMP3XXX series only)

Port# for direct connection of external Quorion VFD display for QMP3XXX serie only.

147: Copy TTL (Fiscal)

If non zero then it contains the function number in which the Amount is added when COPY RECEIPT is done (drawer function number) for fiscal version.

148: Ticket Width

Width of character is 20 dots, 8 dots per mm (200 dpi printer)

149: External Function Key Macro's

When non zero the register will process the function keys F1 to F12 on an external (QWERTY) keyboard as macro's starting from the macro number as programmed. When set to 1 function key F1 will excute macro# 1 and F12 will excute macro# 12. The macro's are only executed when the central lock is in RG or MG position because function key F1 to F4 are also used as program keys.

150: Order ID Barcode Format

When this parameter is NON ZERO and in a TENDER function OPTION 2-5 (Print Endorsment# 2) is set the register will print an EAN 13 barcode on the receipt (when it is supported by the printer!). This number can be used to identify an order because it is also stored in the Electronic Journal. The EAN-13 code contains the date and time of issuing so the code is unique.

The format is: XXMMDDHHNNSSC
XX - Code from Parameter 150
MMDD - Month, Day
HHNNSS - Hour, Minute, Seconds
C - CRC

The register will only print a barcode on the receipt and copy receipts. On all other printers (Journal, E-Journal, Slip) the code is printed as number only with General Text# 48.
When Endorsement Message# 2 is active and programmed it will also be printed on the receipt so it is possible to print some additional information.
The number is stored in the BINARY Electronic Journal with Function Type 0 and Number 70.

Example: 103;14;1;6- 3-2009;9:32:55;2;;;;;1;0;70;"Number:";9903060932551;

151: QTouchPC Ibutton Port#

In this parameter you can program the Serial Port# used for the CLERK IBUTTON connection using the DALLAS DS-9097 serial connector. The register will check if a clerk key is connected. Note that you cannot share this port with other devices. You must also SET SYSTEM OPTION 85 or 86 else the register will not check if a lock is connected.

When SYSTEM OPTION 85 or 86 is SET and SYSYEM PARAMETER 151 is set to ZERO the register will check if a DALLAS DS-9490R USB ADAPTER is connected.
The register will only accept IBUTTONS with FAMILY CODE 01 for clerk selection.

152: USA Food Stamp Functions

In this parameter you can program the Special Itemizer# and Tender function# which are reserved for food stamp handling. The value programmed is XXY where XX = Tender Function used for FOOD STAMPS and Y is the SPECIAL ITEMIZER used for accumulating the food stamp sales.

Example: 62 means that TENDER FUNCTION# 6 and SPECIAL ITEMIZER# 2 are used for food stamps.

By linking articles (or departments) to the Special Itemizer used for Food Stamps the system will know how much can be paid by food stamps. For tax handling see SYSTEM PARAMTER 153 (Foodstamp Tax Info).

It is possible to print or suppress printing of the FOOD STAMP total on the receipt by setting print options in the Special Itemizer function.

Foodstamp must always be used as the first method of payment and can only be used once in a transaction. The tender function used for Food Stamps will not accept entry of cents and will only allow a maximum entry of an amount equal to the rounded up food stamp total.

The maximum change (cash) given on food stamps is 99 cents. So when you must pay 1,54 in stamps and you give 2,00 you will get a cash change of 0,46. When you give 3,00 the register will give an error. The change will be reported in the OVERTENDER DRAWER total when active.

When SUBTOTAL is pressed the register will display the SUBTOTAL and the FOOD STAMP total on the 2- line operator and 2 -line customer display.

Note that you can set OPTION 139 (Subtotal Compulsory) and/or OPTION 1.5 in the Food Stamp Tender function to force entry of the food stamps.

When OPTION 1.5 in the Food Stamp Tender function is not set and no entry is done the register will automatically use the rounded up food stamp total as entry..

153: USA Food Stamp Tax Info

When using Food Stamps as method of payment and the foodstampable items are also taxable you can specify here the tax itemizer used. The value programmed is XY where X stands for the processing method and Y stands for the Tax Itemizer used. The following processing methods are available:

TEXAS Type, PARAMETER 153 is set to 00. The customer may pay up to the food-stampable amount in food stamps, but any taxes due must be paid in cash.

GENERAL Type, PARAMETER 153 is set to 0X. Where X is the Tax itemizer used. The customer may pay up to the food-stampable amount plus its taxes due in food stamps.

ILLINOIS Type, PARAMETER 153 is set to 1X. Where X is the Tax itemizer used. The customer may pay up to the food-stampable amount in food stamps, and the amount actually paid in food stamps is tax exempted.

NEW JERSEY Type, PARAMETER 153 is set to 2X. Where X is the Tax itemizer used. The customer may pay up to the food-stampable amount in food stamps, and the food-stampable amount is tax-exempted regardless of the actual amount paid in food stamps.

When the processing method changes the actual tax the register will print a line with the amount the tax is corrected before the payment.

154: FTP format Singapore

FTP format type 1, 2, 3 or 4 for Singapore (See QMP_FTP.DOC for more information).

155: Course Level Modifier#

NEXT COURSE LEVEL FUNCTION can be used to automatically print the next course on the KITCHEN printers. It can be used on the register or in combination with the QMOS handheld see also Parameter 156.

In this parameter the modifier# used for the FIRST COURSE is programmed.

There are maximum of 8 courses.

If a course is not entered it will print the PLU's immediately (course 0)

The maximum number of Price levels for PLU is 4 !!!

It is not possible to use 2 cash register mixed in a network where 1 cash register using course levels and the other not use courses !!!

A COURSE LEVEL key is a Modifier Functions with OPTION 2-4 SET and where the KP1 to 8 corresponds with the COURSE#1 to 8.

COURSE PRINT key with key code 299. When pressed after opening a table it will issue the command to print the next course.

Because the "normal" modifiers like "medium" must saved in the table to re-print it with the course you must not forget to set in normal modifier OPTION 2-3 ("Store on Balance") else the modifiers are NOT printed !
When used in combination with the QMOS you must use the last 5 modifier as course modifier

SYSTEM PARAMETER 156, Course Level PLU#. Because the QMOS doesn't have a course print key a PLU can be used to simulate the COURSE PRINT key. In parameter#156 the number of the PLU which should work as course print key when received from the QMOS. For example when parameter#156 is set to 5 this means that if you open a table on the QMOS and make sale of PLU#5 the cash register will interpret this PLU as course print key.

SYSTEM OPTION 404, Course Level Reset after Item. When set the selected course level is reset to ZERO after every item. When NOT SET the course level remains active until another is selected or the transaction is closed.

Example HANDLING COURSE levels:
Open Table.
Press Course Modifier for Course#1 (OPTION 1-5 and 2-4 SET).
Enter articles.
Press Course Modifier for Course#2 (OPTION 1-6 and 2-4 SET).
Enter articles.
Press Course Modifier for Course#3 (OPTION 1-7 and 2-4 SET).
Enter articles.
Press Course Print key -> The display will show "course 1".
Close Table -> Course#1 is printed.
Re-open the same Table.
Press Course Print key -> The display will show "course 2"
Close Table -> Course#2 is printed.

PLU's without course information ("course 0") will print immediately after table closing/ direct sale of this PLU.

156: Course Level PLU#

Course Level PLU#. Because the QMOS doesn't have a course print key a PLU can be used to simulate the COURSE PRINT key. In parameter#156 the number of the PLU which should work as course print key when received from the QMOS. For example when parameter#156 is set to 5 this means that if you open a table on the QMOS and make sale of PLU#5 the cash register will interpret this PLU as course print key.

157: Master MC# for Tables

When this parameter is non zero and OPTION 412 is NOT SET the register will ask you if you want to update the tables when you switch on the register. The tables are read and updated from the register# as programmed. Note that OPTION 92 also must be set. You can also force an update by entering 317 on the TYPE key.

158: Master MC# for Rooms

When this parameter is non zero and OPTION 412 is NOT SET the register will ask you if you want to update the rooms when you switch on the register. The rooms are read and updated from the register# as programmed. Note that OPTION 92 also must be set. You can also force an update by entering 317 on the TYPE key.

159: Master MC# for Accounts

When this parameter is non zero and OPTION 412 is NOT SET the register will ask you if you want to update the accounts when you switch on the register. The accounts are read and updated from the register# as programmed. Note that OPTION 92 also must be set. You can also force an update by entering 317 on the TYPE key.

160: Port# Loyalty Terminal

For the Dutch market it is possible to connect a terminal which stores loyalty points on a card. See LOYALTY_NL.PDF for more information.

161: Base Keyboard Level

In this parameter you can program the BASE KEYBOARD LEVEL the register should use. It will automatically select the keyboard as programmed when SYSTEM OPTION 123 or 124 is set or when the register is switched on.

162: Error Timer

When non zero the register will automatically close the error state when the timer expires or when another key is pressed. So it is not needed to press the CLEAR key to continue. When OPTION 197 for stay down windows is set the window also stays open. The timer is programmed units of 100 milliseconds. So a value of 15 means that the error state is cleared after 1,5 seconds.

163: Internal Printer Density

When non zero the register will set the print density of the internal printer to the specified value. When zero the register uses the default value 4. The maximum value is 8. The maximum value is 8. By the cash register QTouch10Pro the value have to set between 60 to 140, that mean the density in percent, if you set the value to zero the last valid entry will be stored.

164: Clerk Scan Code Prefix

It is possible to select a clerk by scanning a code. When non zero the register will check each scanned code for clerk selection.

- The prefix can have a value from 1 to 255.
- The prefix is not part of the clerk code.
- The maximum size of the clerk code is 8 digits when the code is larger only the first 8 are used.
- When SECRET CLERK codes are uses SYSTEM OPTION 117 must be SET.

- Example 1: PARAMETER 164 is set to 133. scanned code: 13381 will result in an entry of 81 on the CLERK# key which will select the clerk with secret code 81 or clerk# 81 when no secret code is used.

- Example 2: PARAMETER 164 is set to 13. scanned code: 133810000598 will result in an entry of 38100005 on the CLERK# key which will select the clerk with secret code 8100005 or give an error when no secret codes are used because clerk# 3 8100005 doesn't exist

165: Instore Marking Code 98

When non zero the register will check for barcodes starting with 98 (and size 13 digits) and process them as instore marking codes according the format as programmed. The format can be found by the INSTORE marking codes 20-29 (see Parameter 78-87). When you link it to a negative department you can use it as a coupon code.

166: Time Executed Macro

When non zero the register will check the programmed MACRO number if it is a time macro.

- The execution time is programmed in the MACRO name.
- The macro is only executed when the register is switched on during the programmed time.
- When the register is in transaction at the execution time the macro will be executed when the transaction is closed.
- For example when want to automatically execute MACRO# 10 every day at 19:15 you must program 10 in Parameter 166 and “19:15” in the macro#10 name. Note that you MUST program in 24 hour format and HH:MM so 1:00 must be programmed as 01:00.
- Execution Time Format “HH:MM:W” or HH:MM-DD”. The “:W” or “-DD” fields are optional when not programmed the macro will be executed daily.
    - “:W” is the day of the week the macro should be executed. (1 – Monday, 2 – Tuesday etc).
    - “19:15:2” will execute the Macro every Tuesday at 19:15.
    - “-DD” is the day of the month the macro should be executed. (01, 02.. 31)
    - “19:15-02” will execute the Macro every second day of the month.

167: USA WIC Functions

In this parameter you can program the Special Itemizer# and Tender function# which are reserved for the WIC Check handling. WIC check can be used within 30 days after issuing and only for special WIC articles.

- The value programmed is XXY where XX = Tender Function used for WIC CHECKS and Y is the SPECIAL ITEMIZER used for accumulating the WIC sales. Example: 73 means that TENDER FUNCTION# 7 and SPECIAL ITEMIZER# 3 are used for WIC sales.
- By linking articles (or departments) to the Special Itemizer used for WIC the system will know if the transaction can be paid by WIC checks.
- It is possible to print or suppress printing of the WIC total on the receipt by setting print options in the Special Itemizer function.
- When in the WIC Tender function also OPTION 2.6 (“Ask for Number Entry”) is set the register will check the entered number for a valid date format and if the date is no longer then 30 days ago. If the date is invalid ERROR# 3 is given. The entered DATE is the ISSUE date and when the check has expired ERROR# 81 is given. The DATE is entered as DDMMYY or MMDDYY when OPTION# 77 (Date MM-DD-YY) is set. General Text# 48 is printed with the entered number/date.
- The WIC Tender function can only be used when ONLY WIC items are sold in the transaction and the check ISSUE date is not longer then 30 day ago. So when you try to use a check which was issued on the 1st of July on the 31st of July the register will not accept it.
- ERROR MESSAGE# 80, “Only WIC Sales Allowed!” is given when you try to pay with the WIC tender function and also non WIC items are sold in the same transaction.
- ERROR MESSAGE# 81, “WIC Check Expired!” is given when the WIC Check Issue date is longer then 30 days ago.

168: Character Spacing.

This parameter can be used to change the character spacing from the Internal Printer (TYPE 23 or 24). By default the spacing is set to ZERO.

- The number of characters is calculated as follows for Printer Type 23 (576 dots width): 576 / (12 + spacing) = char per line for font A. 576 / (8 + spacing) = char per line for font B
- The number of characters is calculated as follows for Printer Type 24 (432 dots width): 432 / (12 + spacing) = char per line for font A. 432 / (8 + spacing) = char per line for font B

169: KP +1 only for KP

When non zero the register will only add 1 to the programmed Kitchen Printer when the order was made by a clerk with CLERK OPTION 2.4 (Use KP +1) SET. This can be used when only one specific KP should re-directed when the clerk enters the order.

170: FTP-2 Automatic Report Number

In this parameter you can program a REPORT# which the register will automatically try to sent to the second FTP server when USER REPORT# 1 is taken in Z-mode. See QMP_FTP.PDF for more information.

171: Parking Time Number Function

In this parameter you can program a DRAWER function which can MUST be used to enter a number when the PARKING TIME IN and PARKING TIME OUT functions are used. This can be used to enter a Car License plate#.

- The DRAWER used function must have OPTION 1-5 SET (# entry).
- The FONT and TEXT are taken from the DRAWER function.
- Maximum 32 characters can be entered.
- When you press the TIME IN (keycode 296) key the register will ask for number entry which must be confirmed with the TIME IN key. It is compulsory to enter a number!
- When you enter the time on the TIME OUT (keycode 297) or scan the barcode the register will ask for number entry which must be confirmed with the TIME OUT key. So this key MUST be on the keyboard even when you use a scanner!! It is compulsory to enter a number!

172: Columns In Balance Menu's

In this parameter you can program the number of columns displayed in the balance menu. When ZERO the default number of columns as set by the SYSTEM OPTIONS is used. The maximum number of columns is 7, when a value higher then 7 is programmed it will use 7.

173: Room Charge Tender Function#

In this parameter the Tender Function# used for Room Charge must be programmed.

174: Reset SalesPerson#

When SYSTEM OPTION 19 (Reset Salesperson to 1) is set and this parameter is NON ZERO the register will reset the active Salesperson to the programmed number. If the value is set to 255, then will be set this parameter by sending to the cash register get the value of the cr number (Parameter 53). By sending the configuration in a cash register network, the value will be increase like the cr number, too.

175: Handheld Receipt Printer Type 2

SYSTEM PARAMETER 175 (Handheld Receipt Printer Type 2) and 176 (Handheld Receipt Printer Port 2) can be used to specify a dedicated receipt printer for a clerk with OPTION 2.5 set and who is working on a handheld. When programmed the register will re-direct all RECEIPT Printer Output to the programmed printer. The programming is the same as for the Receipt Printer parameter. It will override the Handheld Receipt Printer programmed in PARAMETER 143 and 144.

176: Handheld Receipt Printer Port 2

SYSTEM PARAMETER 175 (Handheld Receipt Printer Type 2) and 176 (Handheld Receipt Printer Port 2) can be used to specify a dedicated receipt printer for a clerk with OPTION 2.5 set and who is working on a handheld. When programmed the register will re-direct all RECEIPT Printer Output to the programmed printer. The programming is the same as for the Receipt Printer parameter. It will override the Handheld Receipt Printer programmed in PARAMETER 143 and 144.

177: Instore Code Weight Check

When non-zero and a scale is connected the register will check all Instore Codes (scanned or entered) which are linked to a scalable item/department. This can be used to check if the actual weight of the item matches the weight in the “Instore Marking” code.

- In parameter 177 you can program the allowed margin in grams (1 – 255). When you program 10 it means the weight on scale can be +/- 10 grams compared to the weight from the in store code.
- When you have a code which contains the weight it is compared to the weight on the scale.
- When you have a code which contains the price the register will calculate the weight by dividing the price in the code by price# 1 in the register and round the weight to 3 decimals. The calculated weight it then compared to the weight on the scale.
- When the weight difference is more then the programmed margin the article is not accepted and ERROR MESSAGE# 85 (“Code Weight Difference”) is given.
- When there is a weight difference you can still sell the item as a normal scalable item by putting it on the scale and enter the PLU# then the register will use the weight from the scale and multiply it with the price in the register.

178: Scale Retry count

When non zero the register will use the programmed value as retry counter for the weight request. When zero it uses the defauilt retry count of 3 times. When the register doesn't receive a valid weight from the scale after trying the programmed number of requests it gives a “Scale Error”. This can be used when the scale requires a long time to stabalize.

179: Time Executed Macro# 2

It is now possibe to execute 2 time based macro's. When non zero the register will als check the programmed MACRO number if it is a time macro. For details see SYSTEM PARAMETER 166 (“Time Executed Macro”)

180: Combine Articles from KP#.

In this parameter you can program the start Kitchen Printer number from which the articles should be combined and sent to all active kitchen printers. This function is often used in pizzeria's so the side dish and pizza are printed on the pizza and side dish printer.´

Example:

- PLU 1(KP#1), PLU 2(KP#2), PLU 3(KP#3), PLU 4(KP#4) and PARAMETER 180 is set to 2.
- Registration of PLU 1+ PLU 2 will print PLU 1 on KP1 and PLU 2 on KP2
- Registration of PLU 1+ PLU 3 will print PLU 1 on KP1 and PLU 3 on KP3
- Registration of PLU 1+PLU 2+PLU 3 will print PLU 1 on KP1 and PLU 2+PLU 3 on KP2 and PLU 2+ PLU 3 on KP 3
- Registration of PLU 3+PLU 4 will print PLU 3+PLU 4 on KP3 and PLU 3+PLU 4 on KP 4

181: Reserved

Reserved

182: KP Balance Text Lines.

When NON ZERO the register will print the programmed number of Balance Tex Lines.

- When you set it to 2 and 6 text lines are stored for balances the register will only print Balance Text Line# 1 & 2 on KP tickets.
- When set to more then the maximum number of lines all lines are suppressed.

183: Reserved Swedish BOXEN

SYSTEM PARAMETER 183 & 184 are reserved for Swedish Version with BOXEN connection.

184: Reserved Swedish BOXEN

SYSTEM PARAMETER 183 & 184 are reserved for Swedish Version with BOXEN connection.

185: Printer Type# 26 Font A characters per line

When zero the printer is not active. The maximum is 80 char per line.

186: Printer Type# 26 Font B characters per line

When zero Font A width is used. The maximum is 80 char per line.

187: Printer Type# 26 Logo width in pixels/8

The value is the number of pixels divided by 8 and rounded up. For example for 512 pixels a value of 64 (512/8) must be programmed. For 576 pixels a value of 72 (576/8) must be programmed. When ZERO the logo is not sent to the printer but the command to print the logo is sent when the logo is active in the application.

188-191: Replace Key Function For QOrder

When you program a value for the parameter(s) 188, 189, 190 and 191 the key for DEPT#, BALF#, TENDER# and Error-Correction will be replaced by the programmed function number. A value between 1 to 99 will put a MACRO function with this number on the location. A value of 101 to199 will put a WLU function with the number on the location. This can be used to modify the standard keyboard.

PARAMETER 188 = DEPT#
PARAMETER 189 = BALF#
PARAMETER 190 = Error Correction
PARAMETER 191 = TENDER#

- When an entry is done on the fixed key DEPT# it will be processed as an entry on the PLU# key so it is possible to use PLU#'s. When pressed without entry the DEPT list is shown.
- When an entry is done on the fixed key BALF# it will be processed as entry on the first balance function (Table#) so it is also possible to enter the table# directly.

192: Magnetic Card Number Size

If NON-ZERO the register will use the programmed number of digits from the card number read by the reader connected to the port# as programmed in SYSTEM PARAMETER 94 (“Magnetic Cad Reader Port#”).

- A value smaller then 100 will use the digits starting from the beginning.
  Example: Card# stored is 1234567890 and value is 3 then the card# used will be 123.

- A value larger then 100 will use the digits starting from the end.
  Example: Card# stored is 1234567890 and value is 103 then the card# used will be 890.

Note: When the first position on track#1 is used as format code and is not a digit it will be skipped.

193-196: Add Menu Function Key For QOrder

It is possible to add maximum 4 FUNCTION keys to the FUNCTION MENU which is displayed when you press the X key. The functions can be activated/programmed in SYSTEM PARAMETERS 193, 194, 195 and 196 . When you program a value in this parameter(s) the programmed function number will be displayed in the FUNCTION menu. A value between 1 to 99 will put a MACRO function with this number on the location. A value of 101 to199 will put a WLU function with the number on the location. This can be used to add user functions to the function menu.

197: FTP Response Timer

The default timeout for a FTP command is set to 8 seconds. In some installations this time seemed to be to short so it is now possible to extend the time by the number of seconds programmed in this parameter. The programmed time is added to so the minimum is still 8 seconds.

Example1: PARAMETER 197 = 0 then time out is 8 seconds.
Example2: PARAMETER 197 = 12 then time out is 20 seconds (8+12).

198: KP Combine Font

When non zero this font is used for the articles which are printed on the combined KP tickets as specified by SYSTEM PARAMETER 180. This makes it easier to see on the ticket which are the original and the combined articles.

199: Display Table MAP

When non zero and also the number of TABLE MAPS is programmed in SYSTEM PARAMER 121 the register will show the programmed TABLE MAP when the INACTIVITY TIME as programmed in SYSTEM PARAMETER 8 has expired.

- It will show the TABLE MAP instead of the normal screen saver.
- It will only show the TABLE MAP in RG and MG mode.
- When SYSTEM OPTION 92 (“Floating Balances”) is set and the MAP is already on the screen the screen will be updated the next time the timer expires..

200: Register# for Network Reports.
When NON ZERO only the register number as programmed is allowed to take consolidated network reports in Z-mode. In this way the system always prints the Z-counter of the same register# on the Z-reports. Note that it is also checked when a computer requests a consolidated Z-report from a network register. When you try to take a consolidated Z-report on another register Error# 48 (“Not Authorized”) is given.

System Options

System Options

001: Key Tone
If set then the key tone is enabled.

002: Base Currency Format
If set then the format is *1,000.00* else the format is *1.000,00.*

003: Time Format
If set then the time format is AM/PM, if not set 24 hour.

004: Clerk Compulsory
If set then it is compulsory to select a clerk at the start of a transaction. Note that clerks must be active in the application.

005: Clerk Change in Transaction
If set then it is allowed to change the clerk inside a transaction. Note that clerks must be active in the application. The selected clerk is printed not in the info line but at the start of the ticket (also on KP!) and when changed.

006: Auto Finalizing
If set then the register will automatically close the transaction when the clerk key is removed or when the INACTIVITY TIMER (Parameter 8) expires and no clerk key is inserted. When a Table is open it will finalize on Balance Function 1, when a Room is open it will finalize on Balance Function 2, when an account is open it will finalize on Balance Function 3 and when it is a normal transaction it will finalize on Tendering Function 1

007: Electronic Journal Full Warning
If SET then the ERRORMESSAGE 25 “Journal Full” is given when the 98% of the Electronic Journal is used. When the journal is used for 80% or more the register will automatically display the percentage used when a ticket is closed.
If NOT SET then the first ticket stored is automatically removed and there is no warning or error given!!

008: Electronic Journal Reset Not Allowed
If SET only REPORT 101 is allowed.
If NOT SET then it is allowed to reset the journal with REPORT 102.

009-016: Automatic Currency Print
If set then automatic calculate and print the sales total in the currency 1 to 8 depending on the option set. Option 009 is for currency 1, option 010 for currency 2 etc.. Note that it is only printed on the printer and not shown on the display.

017: Salesperson Compulsory
If set then it is compulsory to select a salesperson at the start of a transaction. Note that salespersons must be active in the application.

018: Salesperson Change in Transaction

If set then it is allowed to change the clerk inside a transaction. Note that salespersons must be active in the application. The selected salesperson is not printed in the info line but at the start of the ticket (also on KP!) and when changed.

019: Reset Salesperson to 1

If set then the Salesperson is automatically reset to 1 at the end of a transaction. Note that salespersons must be active in the application.

020: Don't Consolidate Transaction Buffer

If set then the register will not consolidate the transaction buffer when the transaction is closed. Note that the items are also not consolidated on the Kitchen Printer('s) and other printer('s) when the ticket is printed at closing. This could be useful when no Kitchen printers are used and the transactions are large like in scanning installations.

NOTE:

If not set the register will consolidate items with the same modifiers and no item discounts. Note that the modifiers must be in the same sequence.

021: Print Item Price

If set then the register will print the price of ONE item on the same line as the item on the Receipt, Journal, Slip and External printer. The price is put after the maximum description length as programmed in the PLU or Department configuration. When the number of columns on the printer is not large enough the single price is overwritten by the total price so it could be that the maximum length of the description must be changed in the configuration !!

022-027: Print Options for System Reports

022: If set then don't store System Reports in the Electronic Journal.
023: If set then don't print System Reports on the journal printer.
024: If set then don't print System Reports on the receipt printer.
025: If set then don't print System Reports on the slip printer.
026: If set then Slip printer compulsory for System Reports.
027: If set then don't print System Reports on the external printer.

028: Easy Programming Mode

If set then the EASY programming mode in the for manager (Manager Clerk or Central Lock) is not active.

1 –> SUBTOTAL for PLU price Programming.
2 –> SUBTOTAL for PLU cost price Programming.
3 –> SUBTOTAL for PLU descriptor 1 Programming.
4 –> SUBTOTAL for PLU descriptor 2 Programming.

Mode 100, 101, 102 and 103 are only active when Random Plu Codes are used!!

100 –> SUBTOTAL for Re-Indexing Random PLU file (Merge & Delete).
101 –> SUBTOTAL for Re-Indexing Random PLU file (Merge Only).
102 –> SUBTOTAL for Re-Indexing Random PLU file (Delete Only).
103 –> SUBTOTAL for Print Records Used Random PLU file.

029: Level Reset After Item

If set then the selected level is automatically reset to LEVEL 1 after an item is sold or when CLEAR is pressed before the item is sold.

When OPTION 29 "Price Level Reset after Item" or OPTION 30 "Price Level Reset after Sale" is se the register will now reset the Price Level to the BASE level (PARAMER 106) when a clerk is deselected (clerk key removed). This is done so the base level is reset when a price inquiry without a sale is done and clerk is compulsory.

030: Level Reset After Sale

If set then the selected level is automatically reset to LEVEL 1 after the sale is finalized or when CLEAR is pressed before the sale is started.

When OPTION 29 “Price Level Reset after Item” or OPTION 30 “Price Level Reset after Sale” is se the register will now reset the Price Level to the BASE level (PARAMER 106) when a clerk is deselected (clerk key removed). This is done so the base level is reset when a price inquiry without a sale is done and clerk is compulsory.

031: Compulsory Balance

If set then it is compulsory to select a balance (table, room or account) before a transaction can be started. See also “Option 032”. When Balance is compulsory and a DIRECT SALE is made (see 032) Message# 51 is printed on the KP tickets

032: Zero Balance for Direct Sale

If set then entering ZERO as a balance number on a OPEN BALANCE key will allow ONE DIRECT SALE transaction. The display will show Message# 51

033: No Sorted Balance Invoice

If set then the register will NOT SORT the balance invoice according to department number.

034: Balance Fixed to Clerk

If set then only the clerk who opened the balance is allowed to re-open it. When the MASTER clerk opens the balance the sales will go into the clerk who originally opened the balance. See also SYSTEM OPTION 186.

035: Invoice Not Compulsory for Paying Balance

If set then it is not required to print a bill with the a print balance function with the option Invoice set.

036: Invoice cannot be closed by Service

If set then it is not allowed to close a balance by service when an invoice type is selected. ERROR# 30 will be given.

037: Auto Paper Load

If set then the register will enable the auto paper load routine in the Thermal Printer Controller. Note that PRINT103.BIN or later must be installed.

038: Compulsory Multiply on Direct PLU key

If set then it is compulsory to use the X key when a quantity is entered on the DIRECT PLU key.

039: Don’t Print Sale Quantity

If set then the Sale Quantity Itemizer is NOT printed on the TOTAL line.

040: Drawer Selection by Clerk

If set then the drawer which is opened is selected by the clerk which is active. Note that in the function the drawer must also be SET. So when only selection on Clerk is required you MUST set DRAWER 1 & 2 in the functions and reports.

041-048: Separate Item Tickets on KP 1 - 8

041 – If set then print a separate ticket for every item on Kitchen Printer 1
042 – If set then print a separate ticket for every item on Kitchen Printer 2
043 – If set then print a separate ticket for every item on Kitchen Printer 3
044 – If set then print a separate ticket for every item on Kitchen Printer 4
045 – If set then print a separate ticket for every item on Kitchen Printer 5
046 – If set then print a separate ticket for every item on Kitchen Printer 6
047 – If set then print a separate ticket for every item on Kitchen Printer 7
048 – If set then print a separate ticket for every item on Kitchen Printer 8

049-056: Print Item Price on KP 1 - 8

049 – If set then print the item price on Kitchen Printer 1
050 – If set then print the item price on Kitchen Printer 2
051 – If set then print the item price on Kitchen Printer 3
052 – If set then print the item price on Kitchen Printer 4
053 – If set then print the item price on Kitchen Printer 5
054 – If set then print the item price on Kitchen Printer 6
055 – If set then print the item price on Kitchen Printer 7
056 – If set then print the item price on Kitchen Printer 8

057-064: Print Line After Item on KP 1 - 8

057 – If set then print a line after item on Kitchen Printer 1
058 – If set then print a line after item on Kitchen Printer 2
059 – If set then print a line after item on Kitchen Printer 3
060 – If set then print a line after item on Kitchen Printer 4
061 – If set then print a line after item on Kitchen Printer 5
062 – If set then print a line after item on Kitchen Printer 6
063 – If set then print a line after item on Kitchen Printer 7
064 – If set then print a line after item on Kitchen Printer 8

065-072: Print Total Amount on KP 1 - 8 ticket

065 – If set then print a line with the total amount on Kitchen Printer 1 ticket
066 – If set then print a line with the total amount on Kitchen Printer 1 ticket
067 – If set then print a line with the total amount on Kitchen Printer 1 ticket
068 – If set then print a line with the total amount on Kitchen Printer 1 ticket
069 – If set then print a line with the total amount on Kitchen Printer 1 ticket
070 – If set then print a line with the total amount on Kitchen Printer 1 ticket
071 – If set then print a line with the total amount on Kitchen Printer 1 ticket
072 – If set then print a line with the total amount on Kitchen Printer 1 ticket

NOTE:
When Separate Tickets is active the register will print a separate ticket with the Total amount.

073: Display Balance Amount

If set then the current balance amount is also displayed on the Operator Display when a balance is opened.

074: Print Quantity and/or Price on Two Lines on Kitchen Printer

If set the register will print the quantity and unit price an a separate line and the total price on the article line.

075: Suppress Double Height Printing on SLIP

If set then the printing of double height characters is suppressed regardless of the font selected. This can be useful when the slip printer is a matrix printer on which double height doesn't look good.

076: Skip Receipt when Slip Present

If set then the register will automatically disable receipt printing when slip paper is detected at the start of the transaction. This could be used when at the start of a transaction it is decided where the transaction should be printed. The will only work with slip printers with a paper sensor.

077: Date Format MM-DD-YYYY

If set then the date format for printing and setting the date is MONTH – DAY - YEAR instead of DAY - MONTH – YEAR.

078: Check Check Digit for scanned codes

If set then the register will calculate the check digit when a code is scanned and will give ERROR# 12 when the digit is wrong. This can be used for extra security when using a scanner especially when creating the PLU file on the register.

079: Create Plu Codes during registration

If set then the register will automatically prompt for creation of a PLU code when not found during registration. It will ask for the price and department and when Option 80 is set also for the descriptor. When Option 80 is NOT set the descriptor of the department will be taken. The register will beep when another code is scanned during creation.

080: Create PLU Codes with Prompt for Descriptor

If set and also Option 79 is set the register will automatically prompt for the descriptor during the creation of a PLU code.

081: Inshore Codes Not Found in Department 1

If set then the register will automatically register Inshore Marking Codes (containing a price) with PLU or Department code not found in department# 1. Note that when using automatic creation of PLU codes during registration the register will create the PLU when not found!!

082: Presse Codes Not Found in Department 2

If set then the register will automatically register Press Codes with PLU or Department code not found in department# 2. Note that when using automatic creation of PLU codes during registration the register will create the PLU when not found!!

083: Euro Press Codes to Local Conversion

When SET Press Codes in EURO format are automatically converted to LOCAL using Foreign Currency#1. If NOT SET then no conversion is done!! Note that Foreign Currency#1 must be programmed correctly for converting to LOCAL to EURO.

084: Local Press Codes to Euro Conversion

When SET Press Codes in LOCAL format are automatically converted to EURO using Foreign Currency#1. If NOT SET then no conversion is done!! Note that Foreign Currency#1 must be programmed correctly for converting to EURO to LOCAL.

085: Magnetic Dallas Touch Clerk Lock Connected

When SET the register assumes that a Magnetic Dallas Touch Lock is connected instead of a 4-bit clerk lock. When a non-magnetic clerk lock is used check OPTION 86. When the Secret Clerk Code is not active in the application the last hexadecimal digit of the 12 hex digit Serial Number is used as Clerk Number. In this way the maximum number of clerks is 16 (0-F) and there are no unique keys!! When the Secret Clerk Code is active the last 8 hexadecimal digits of the Serial Number are used as secret code and are checked against the secret code as programmed.

086: Non-Magnetic Dallas Touch Clerk Lock Connected

When SET the register assumes that a Non-Magnetic Touch Lock is connected instead of a 4-bit clerk lock. When the lock is touched it works like selecting the clerk using the keyboard and de-selecting can only be done by enter ZERO on the CLERK# a key on the keyboard when CLERK is NOT COMPULSORY. When the Clerk Selection is COMPULSORY the clerk is de-selected when the transaction is closed, when the Inactivity Timer (PARAMETER 8) Expires by clock or by pressing the X key outside the transaction.

087: Print Tendering Info also with Under Tendering

When SET the register will also print the amount tendered and amount short when under tendering is done. When not set tendering info is only printed when over tendering is done.

088: Suppress Text on VFD Customer Display

Because the built-in VFD customer display can not display the complete character set it is possible to suppress displaying of texts. When SET the register will NOT display texts on the built-in VFD customer display but display the quantity instead of the text.

089: Print Number of Copy

When SET the register will print the COPY NUMBER when a receipt copy is requested. When NOT SET only message# 34 is printed.

090: Print Article Number on Ticket

When SET the register will also print the Article (PLU) number on the receipt, journal, ejournal and slip

091: Print Article Number on Kitchen Printer Ticket

When SET the register will also print the PLU number on kitchen printers.

092: Floating Balances

When SET and the NETWORK is active the register will transmit balance information (Tables, Rooms and Accounts) to all registers in the network when the NETWORKSIZE (Parameter 55) is programmed. Note that when the Network size is not programmed the information is not transmitted.

093: Floating Articles

When SET and the NETWORK is active the register will transmit article (PLU) programming information to all registers in the network when the NETWORKSIZE (Parameter 55) is programmed. Note that when the Network size is not programmed the information is not transmitted. The register will transmit the article programming information in the following cases:

* PLU Easy Programming Mode
* PLU Standard Programming Mode (20 on Type key)
* Creation of new articles when scan codes are used.
* Deletion of articles when scan codes are used.
* Special PLU maintenance commands when scan codes are used.

094: Ticket Copy Always on Receipt Printer

When SET the register will always print the Ticket Copy on the Receipt Printer. This option can be useful when a SHARED Slip Printer is used because then the register will always assume that there is paper in the slip printer and always print the copy on the slip when this option is not set.

095: New Price Key also for Inquiry

When SET the register the NEW PRICE key can also be used for making a Price Inquiry. When the key is pressed without entry the register will show Message# 69 and will show the price for the next scanned or entered article. It is also possible to enter a quantity.

096: Balance at end of Transaction

When SET then it is possible to enter the balance number at the end of the transaction. In order to avoid printing of the ticket you can set the printer as shared so the ticket is printed at the end of the transaction.

097: Keyboard Shift NOT on department keys

When SET the KEYBOARD SHIFT function will not work on department keys. Default the KEYBOARD shift keys works on fixed department and PLU keys.

098: Keyboard Shift NOT on PLU keys

When SET the KEYBOARD SHIFT function will not work on PLU keys. Default the KEYBOARD shift keys works on fixed department and PLU keys.

099: Proforma on SLIP

When SET the register will print the Proforma Invoice on the SLIP printer. Note that the SLIP is set compulsory so paper must be present. Default the register will print the proforma invoice on the Receipt Printer.

100: Partial Cut on In/External Printer

When SET the register will always perform a PARTIAL CUT on the INTERNAL printer.This option is also used for External Printers. When this is option is NOT set the register will now always issue a FULL CUT command on the external printer. When SET the printers which support the partial cut will issue a partial cut for the KP tickets.

101: Suppress Graphic Header Logo

When SET the register will not print the Graphic Header Logo on the Receipt even when active. This can be used to suppress a logo without changing the configuration.

102: Suppress Graphic Bottom Logo

When SET the register will not print the Graphic Bottom Logo on the Receipt even when active. This can be used to suppress a logo without changing the configuration.

103: Suppress Graphic Display Logo

When SET the register will not print display the Graphic Display Logo when in idle mode but it will display the time and date. This can be used to suppress a logo without changing the configuration.

104: Swiss Input Masking

When SET the register will check amount entries for Swiss Input Masking. This means that only amounts which end on 0 or 5 are accepted all other amounts will result in Invalid Entry. The check is done on all functions which expect amount entry like tenders, departments, amount discount, new price.

105: Round Total Sales

When SET then register will perform rounding on the TOTAL SALES amount when the transaction is closed. Note that this can result in differences between the sales and financial reports caused by rounding. The type of rounding which is used is programmed in PARAMETER 91.

106: Round Discount, Tax and Multiplication

When SET the register will perform rounding on the Amount Multiplication, Percentage Discount and Tax Calculations. The type of rounding which is used is programmed in PARAMETER 91.

107: Update Balance Periods at Closing

When set then the register will update the periodical report of balance totals when the balance is closed by paying or by transferring to another balance. When not set the periodical balance report is updated the moment an order on a balance is entered.

108: Store Complete X-report in E-Journal

When set the register will store the complete X-report (user and system) in the Electronic Journal when the report has the print option for the electronic journal set. When not set the register will only store the report name and date it was taken.

109: Store Complete Z-report in E-Journal

When set the register will store the complete Z-report (user and system) in the Electronic Journal when the report has the print option for the electronic journal set. When not set the register will only store the report name and date it was taken.

110: Local X&Z counter for User Reports

When set the register will only update and print the LOCAL X and Z counters when a USER report is taken.

111: Receipt Number 4 digits

When set the register will use a 4 digit receipt number instead of 6 digits.

112: Floating Clerks

When SET and the NETWORK and CLERK INTERRUPT BUFFERS are active the register will check the Clerk Interrupt buffers on all registers (NETWORKSIZE, Parameter 55) in the network when a clerk is selected. When the selected clerk has a transaction stored on one of the registers it will be recalled. When the selected clerk is already selected on one of the other registers it will be de-selected first on the other register and then recalled. Note that it is not possible to store a Balance Transaction when Floating Clerks and/or Floating Balances are active. This is only possible when a clerk and balance are local for a register so on a standalone register or a network without floating clerks and balances. When a balance sale is open the register will automatically close it with balance function 1, 2, or 3 depending on the balance type.
When you enter the balance number at the end of the transaction it is possible to use Clerk Interrupt with balances on the network because the sale is automatically closed when you enter the balance number. Note that in this case the sale is stored on the register where the balance is closed!

113: Programming Only in P-position

When set programming using the cash register keyboard is only allowed when the Central Lock is in P-position. Error Message# 1 is given in other positions of the Central Lock

114: Paper Wind only with Electronic Journal

When set and the INTERNAL printer is a ONE STATION Thermal or Matrix printer the register will only activate the PAPER TAKE UP motor when the ELECTRONIC JOURNAL is printed. When not set the register will always activate the PAPER TAKE UP motor even when not installed! This can be useful when the motor is installed and only used for winding the Electronic Journal when it is printed on a one station internal printer.

115: Suppress Receipt Number on Tickets

When set the register will suppress the RECEIPT NUMBER on the Receipt, Journal, Slip and electronic journal.

116: Suppress Time on Tickets

When set the register will suppress the TIME on the Receipt, Journal, Slip and electronic journal.

117: Direct Secret Clerk Code Entry

When set and SECRET CLERK code is active you can enter the SECRET code directly on the CLERK# or FIXED clerk key. When you enter zero on the key or the code again you will deselect the clerk when you are not already in a transaction. The register will only show the '*' character when you enter data and no clerk is selected so the secret code is not visible.

118: No Ticket Copy Allowed

When set it is NOT allowed to take a copy receipt. Note that when the RECEIPT is OFF you can still print the receipt once.

119: Display Repeat Counter

When set the register will display the repeat counter on the Operator and Customer display when the SAME fixed PLU key is pressed without entry.

120: Re-Display Balance Split Screen

When set the register will automatically re-display the Balance Item Screen when a SPLIT is done on a balance. When not set you must press the SPLIT key again to re-display the Balance Item Screen. Note that on a multi-line display the split screen is ALWAYS re-displayed automatically.

121: Print Tax Rate on Item Line

If set then the register will print the tax rate of the item on the same line as the item on the Receipt, Journal, Slip and External printer. The tax rate is put after the maximum description length as programmed in the PLU or Department configuration. When the number of columns on the printer is not large enough the tax rate is overwritten by the total price so it could be that the maximum length of the description must be changed in the configuration !!

122: Keyboard Levels Manager Controlled

When set changing the keyboard level can only be done by the manager (key or clerk).

123: Keyboard Level Reset after Item

When set the keyboard level is reset to level 1 after every item.

124: Keyboard Level Reset after Sale

When set the keyboard level is reset to level 1 after every transaction.

125: Automatic Print Computer X-Report

When set ALL X-REPORTS are also printed on the register when taken by computer. Note that Electronic Journal is not printed on the register when taken by computer.

126: Automatic Print Computer Z-Report

When set ALL Z-REPORTS are also printed on the register when taken by computer. Note that Electronic Journal is not printed on the register when taken by computer.

127: Don't Print Item Discount on KP

When set the register will NOT print the ITEM DISOUNTS on the Kitchen Printer.

128: Suppress Receipt Number on KP

When set the register will suppress the RECEIPT NUMBER on the Kitchen Printer tickets.

129: Suppress Time on KP

When set the register will suppress the TIME on the Kitchen Printer tickets.

130: Always Add Stored Balance to SUBTOTAL

When set the register will ALWAYS add the STORED Balance (when open) to the transaction SUBTOTAL amount when SUBTOTAL is pressed or a SUBTOTAL DISCOUNT is given.

131: Subtotal Discount Only Allowed ONCE

When set a Subtotal Discount function can only be used once within a transaction or balance.

132: Date Price Level has Highest Priority

When set then DATE LEVEL has higest priority when Price Level Selection by CLOCK is used. When not set the HOUR LEVEL has highest priority. Note that when ZERO or NO LEVEL is programmed the register will check the next level!

133: Print 'lb' instead of 'kg'

When set the register will print “lb” instead of “kg” on the line which is printed when OPTION 1-6 in the department is set.

134: FIXED PLU is OPEN when Price 1 ZERO

When set the register will process FIXED PLU’s on the keyboard with PRICE 1 set to ZERO as OPEN PLU and process the entry as an amount entry.

135: Repeat Last Entered Price

When set the register will repeat the last entered price on a Department or PLU when the direct key is pressed without new entry.

136: Convert to Ascii for External Display

When OPTION 136 is set and the external character set (PARAMETER 58) is set to 107 for Central Europe. The register will convert the characters to Standard ASCII when an External Display is connected. In this way it is possible to use an external display which doesn't support the Central European character set.

137: Error Correction ONLY on LAST ENTRY

When set the ERROR CORRECTION (EC) function CANNOT be used to make a LINE CORRECTION using the ARROW keys but only allows correction of the LAST ITEM.

138: Refund ONLY at START of Transaction

When set REFUNDS are ONLY allowed at the START of a TRANSACTION.

139: SUBTOTAL Compulsory before Tendering

When set it is COMPULSORY to press the SUBTOTAL key or a FOREIGN CURRENCY key before TENDERING can be done. ERROR# 53 (Subtotal Required) is displayed when it is not pressed.

140: Print SUBTOTAL when SUBTOTAL key pressed

When set the register will PRINT the SUBTOTAL when the SUBTOTAL key is pressed.

141: Weight Items add ONE to Item Counter

When set the register will add Articles with a Decimal Quantity as ONE article to the Transaction Quantity Counter.

142: Automatic Rewind of Invoice File (FIFO)

When set and the INVOICE file is active then the register will overwrite the first INVOICE entry when the file is full. (FIFO first in first out). There is no compulsion to take the report when the file is full.

143: Automatic Print of ONE Receipt COPY

When set the register will automatically print ONE Receipt Copy when the receipt is used.

Note: When OPTION 143 & 144 are BOTH set the register will automatically print THREE Receipt Copies when the receipt is used. Don't forget to set OPTION 100 when the Internal Cutter is used so the paper is only partially cut else it will fall back in the printer.

144: Automatic Print of TWO Receipt COPIES

When set the register will automatically print TWO Receipt Copies when the receipt is used.

Note: When OPTION 143 & 144 are BOTH set the register will automatically print THREE Receipt Copies when the receipt is used. Don't forget to set OPTION 100 when the Internal Cutter is used so the paper is only partially cut else it will fall back in the printer.

145: Print NET SALES TOTAL without TAXES

When set the register will print the NET SALES TOTAL (without TAXES) after the TOTAL and TAX information on the tickets. It will use GENERAL TEXT# 54 for the text "NET SALES" which is printed.

146: Don't Consolidate Table Buffer

When set the register will NOT consolidate the items which are stored in the TABLE file. Only the TAX and Special Itemizers are consolidated. When this option is set OPTION 33 for sorting the Balance Invoice is not checked and the invoice is NEVER sorted. This option is local for the register so it is still possible to consolidate on another register in a network. Also check OPTION 20 when you don't want to consolidate the current transaction!

147: Don't Consolidate Room Buffer

When set the register will NOT consolidate the items which are stored in the ROOM file. See also OPTION 146.

148: Don't Consolidate Account Buffer

When set the register will NOT consolidate the items which are stored in the ACCOUNT file. See also OPTION 146.

149: Validation only ONE time

When set VALIDATION on an external printer can only be done ONE TIME.

150: VAT on Subtotal Invoice

When set the register will print VAT tax details also on a SUBTOTAL balance invoice.

151: No Receipt# Increment on Hold and Balance Sales

When set the register will NOT INCREMENT the receipt number when a transaction is stored on a balance, cancelled or put on HOLD. In this way all issued receipts will have a consecutive number.

152: Manager only by CLERK Selection

When set then MANAGER function can only be used by a MANAGER CLERK. The manager position of the Central Lock will NOT have MANAGER authority!

153: Proforma Key Manager Only

When set the PROFORMA key can only be used by the MANAGER.

154: New Price Key Manager Only

When set the NEW PRICE key canonly be used by the MANAGER. Note that a PRICE INQUIRY is still possible.

155: Tax Shift Reset After Item

When set the TAX SHIFT is RESET after every ITEM.

156: Tax Shift Reset After Sale

When set the TAX SHIFT is RESET after every TRANSACTION.

157: Network KP Check Before Printing

When set the register will check the NETWORK Kitchen Printer Status BEFORE sending the data instead of in the BACKGROUND. This will improve the KITCHEN PRINTER RE-ROUTING.

158: Tax Shift Used as Manual Tax Exempt

When set the TAX SHIFT FUNCTIONS (Keycode 275 to 279) are used as MANUAL TAX EXEMPT keys for ADDON type of TAX and NOT as TAX SHIFT keys.

- When the key is pressed before payment the register will suppress the selected tax and print the TAX amount as "***0,00".

- When BALANCES are used the MANUAL TAX EXEMPT will only work when the BALANCE is paid. The register will ALWAYS store the TAX on the BALANCE. When the MANUAL TAX EXEMPT key is pressed before printing the register will print the negative tax and deduct it from the balance. When pressed before subtotal the register will display the subtotal without the TAX.
- The register will still report the TAXABLE sales only the TAX in the report is not updated.
- OPTION 155 is not used when OPTION 158 is SET.
- When MANUAL TAX EXEMPT is only required for ONE tranasction don't forget to set OPTION 156 otherwise the MANUAL TAXEXEMPT stays active.

159: Compulsory Cover Entry

The register now supports a COVER function for entering the number of COVERS on a TABLE. The COVER (or guest) function is a special BALANCE function with OPTION 1-1, 1-2 and 1-3 SET. When OPTION 159 is set COVER entry is COMPULSORY when a Table is first openend. The register will giver ERROR MESSAGE 54 (Enter Covers) when sales is made before the covers are entered. When OPTION 159 is NOT SET the covers can be entered at any point before payment.

- The cover function only works for a TABLE balance!
- When covers are entered they are printed at the start of the Table Invoice and are also stored in the Balance Function report.
- Correction of the number of COVERS can be done by using the VOID or EC function.

160: Balance Auto Line Find

When set the register will support automatic LINE FIND when a slip printer is used in combination with balances. When the function to OPEN a BALANCE is programmed to print on the SLIPPRINTER the register will automatically feed the paper to the last printed line when new items are added to the balance.

- Once a SLIP is used on a BALANCE re-inserting the SLIP is compulsory even when the OPEN function doesn't have the compulsory slip option option set!
- When a SLIP printer which doesn't support re-insertion is used the register will also feed the paper!
- When OPTION 160 is set EMPTY (SPACE LINES) are not printed on the SLIP to save space.
- Disable to SLIP TRAILER to save space.
- Set OPTION 35 so it is possible to close directly on a tendering function.
- Remove GENERAL MESSAGE 53 (No Invoice) when required.
- Check SLIP START (PARAMETER 73) and SLIP LENGTH (PARAMETER 75).

161: Suppress Info With Line Find

In some countries the OLD/NEW balance system which requires the SLIP to be inserted in an external SLIP printer like the EPSON TM-295 everytime a new order is made to a balance is still being used. In order to improve the readability of the SLIP invoice two new OPTIONS are available. When OPTION 161 is set the register will NOT print the INFO lines with the time, date and receipt number on the SLIP printer when sales is made to a balance and NOT closed by a tendering function. In order to save space the register will only print the info lines when the balance is paid.

- When OPTION 2-3 (Suppress Invoice#) in the BALANCE FUNCTION to PRINT a DIRECT INVOICE is SET it is not compulsory to close the invoice by a tendering function. In this way it is possible to re-print an invoice incase the OLD/NEW balance system is used.

162: Re-Print Tax With Line Find

When set the register will re-print the complete tax information when sales is entered on a balance and NOT only the tax information of the new order. See also OPTION 161.

163: Only print one NRGT

When set the NRGT will not be split up in a POSITIVE and NEGATIVE total when used.

164: Print Auto Copy Only with Tender

When set the register will only print the automatic copy (OPTION 143 or OPTION 144 set) when the transaction is closed on a tender function (CASH, CARD etc). Using this option is possible to suppress the copy when a Balance Order or SUBTOTAL Invoice is printed.

165: Print Balance Copy with Signature Line

When set the register will Automatically print a copy of a BALANCE ORDER with a Signature Line on the bottom. See also OPTION 166.

166: Only Old/New Amount on Balance Copy

When set the register will Automatically print a copy of a BALANCE ORDER with only the ORDER amount and OLD/NEW BALANCE and with a Signature Line on the bottom. Note that it is possible to set OPTION 165 at the same time so you will get two copies one detailed and one with the total amount only.

167: 'X' instead of '@' on Weight Info Line

When set the register will print 'X' instead of '@' on weight info line. See also DEPARTMENT OPTION 1-6 Print Weight Info Line.

168: Remove Transaction when Screen Cleared

When set the register will CLEAR the transaction screen when the screen saver becomes active, the CLEAR key is pressed or when a new clerk is selected. In this way it is possible to remove the previous transaction from the screen.

169: X-key can be used for Repeat

When set the X (multiply) key can be used as a REPEAT function. When pressed without entry it will repeat the last ITEM.

170: Compulsory (Special) Number Entry

ALPHANUMERIC NUMBER ENTRY. It is now possible to enter an ALPHANUMERIC NUMBER by using a SPECIAL DRAWER FUNCTION. The DRAWER function is changed so it can be used to enter an alphnumeric number. When you ONLY set OPTION 1-5 in a DRAWER function (all other option OFF) the function can be used to enter an alphanumeric number with a maximum size of 16 characters. The register will use the PRINT options from the function and you can start a transaction with the function. When you press the function without entry it will show the programmed function name on the display and will switch to the ALPHA KEYBOARD until the CLEAR key or the FUNCTION is pressed again.

When you set SYSTEM OPTION 170 you MUST start a transaction by entering a number on the special Drawer Number entry function (see above).

- ERROR# 55 (Enter Number) will be shown when you don't enter the number.
- When you connect a scanner which can read alphanumeric codes the register will automatically read the code and process it on the LAST drawer function when scanned at the start of the transaction so you must make the LAST drawer function the special number entry function.
- When this option is set the register will automatically activate the ALPHA keboard at the start of a transaction.

171: Report Tax by Tender (in Salesperson)

When set the register will update the TAX reports at payment and will automatically link the tendering function to a SALESPERSON (Tendering Function 1 is linked to Salesperson 1 and so on). With this function it is possible to have a report (salesperson) which tells you the tax according to method of payment.

- When you sell on a balance the register will update the TAX report when the balance is paid.
- The TAX is reported in the SALESPERSON of the FIRST Tendering function incase a split payment is done.

172: Suppress THOUSAND Seperator in Amounts

When set the register will not print/display the THOUSAND seperator. So 1.000,00 will be printed/displayed as 1000,00.

173: BEEP to External KP Printer

When set the register will send the DRAWER1 OPEN PULSE command to the External Kitchen printers when the ticket is issued. When instead of a Drawer s special BEEPER is connected to the Drawer Port the printer will BEEP with every order.

174: Print Inventory Qty on PLU Report

When set the register will print the INVENTORY quantity on the PLU Sales Reports. It will use PROGRAMMING TEXT# 77. Note that it will only print the local inventory on a non network report. Note that when SYSTEM OPTION 203 is also set the extra PLU Inventory is now sent AFTER the PLU inventory in a computer report.

175: Computer Report Info in E-Journal

When set the register will print the Report Name and Report Status in the Electronic Journal and on the Journal when a Report is taken by computer. Note that it will ONLY print on the JOURNAL when the Journal Printer is NOT SHARED and directly connected.

176: Singapore CODE39 Processing

When set the register will process SCAN CODES with a length of 16 or 23 digits as Number Entry and Article Entry. The LAST 7 digits are used as PLU number and the preceding 9 or 16 are processed as NUMBER ENTRY. The format of the codes is fixed and this is currently used in a special Government Project in Singapore. Note that this ONLY applies to CODES SCANNED at the START of a TRANSACTION when OPTION 170 is also SET and not when they are entered manually. See also OPTION 170.

177: Exclude Non Taxable Itemizer from GST

When set the register will exclude the NON TAXABLE ITEMIZER amount when calculating the GST tax (OPTION 1-3 in Tax Function set). Note that you need to activate the NON TAXABLE ITEMIZER by creating a TAX ITEMIZER with OPTION 2-2 SET else the register will not keep track of the non taxable items.

178: X-Key also for Division

When SET the MULTIPLY key can also be used for division. When you enter 3 X 4 X ITEM the register will divide 3 by 4 and use the result as quantity. Note that you can not do a normal Quantity MULTIPLICATION (3 x 4 = 12) when this option is set.

179: Quebec (GST) Tax on Tax System

When set the QUEBEC “Tax on Tax” system is active and the maximum number of Taxes (including GST) is 4. Tax 1 is ALWAYS assumed to be the programmed/used as GST (General Sales Tax). The other 3 taxes can be used as an ADDON tax which can also include GST.

Example:

DEPT 1 is programmed for GST (10%) and TAX 1 (15%) (TAX1-1 and TAX1-2 set)

```
DEPT          1,00
TXBL GST      1,00
TAX GST       0,10
TXBL TAX1     1,10
15% TAX       0,17
TOTAL         1,27
```

180: Quorion External Display on Port# 2

When set it is possible to connect the Numeric Quorion External Customer display. The display must always be connected to serial port# 2 (scanner port) because it takes the power from the serial port. When there is no power on the serial port you should check E27 on the controller board. PARAMETER 3 must be set to a value of 3 (9600 baud). The register will display the internal customer display data on the external display.

181: Increment Receipt# with All Tickets

When SET the register will also increment the receipt number when non transaction tickets like reports and program information tickets are issued on the receipt printer.

182: Suppress Separation Lines on Reports

When SET the register will suppres separation lines on reports and program printouts. This can be used to save and/or increase the printing on the registers with the Internal Matrix printer.

183: Open Drawer Command to External Printer

When SET the register will sent the OPEN DRAWER PULSE command to the external receipt printer. This can be used for models which use an external printer which support a drawer open command. Note that internal drawer command is also still used. The (Epson Compatible) command sent is ESC ‘p’ ‘0’ 25 100 for Drawer 1 and ESC ‘p’ ‘1’ 25 100 for Drawer 2.

184: Update Inventory in Training Mode

When SET the register will update the PLU inventory also when in Training Mode.

185: Change Lock R and X position

When SET the register will change the REG and X position of the Central Lock. In order to solve a problem which was caused by installation of a Central Lock which didn’t allow the removal of the Central Lock in REG position but only in X this option has been introduced to exchange the positions. When this option is set the first position is X instead of REG and the second REG instead of X.

186: Clerk Only Fixed to Table

When set and OPTION 34 (Balance Fixed to Clerk) is set this only applies to TABLE balances so it is possible to transfer a TABLE to a ROOM or ACCOUNT which was originally openend by antother Clerk. Note that a manager can always tranfer a TABLE to a TABLE of another Clerk.

187: PLU Entry Limitation Field ZERO

When set and the Entry Limitation Field is Set to ZERO on the department (or PLU when configured) the register will NOT ALLOW the entry of a NEW PRICE for the PLU with the limit set to ZERO.

188: Working Memory Clear in OFF

When set the register will do a WORKING MEMORY CLEAR when power UP in OFF position. This can be used when the P-key is not available at an installation.

189: Manager can Select other CLERK

When set a MANAGER clerk can select another clerk by entering the clerk (record) number on the CLERK# key when secret codes (DALLAS CLERK lock) are used. Note that it is only allowed to select a NORMAL CLERK. When in the selected clerk OPTION 1-5 (manager) or 1-6 (TRAINING) is set the register will give INVALID ENTRY.

190: No Floating Balance Items when NOT Stored

When set the register will NOT transmit Article and/or Tax Records to other registers when OPTION 92 (FLOATING BALANCES) is set and in the Balance Configuration (Table, Room or Account) Store Items and/or Store Tax Itemizers are NOT set. This can be used to reduce network traffic when only the balances and not the individual articles are not stored in the balance buffer for a specific balance type. When OPTION 190 is NOT set the register always transmits the articles to the other registers even when not stored.

191: External Customer Display 2x16

When set the register will format the data for the external customer display for the QUORION LCD external customer display of 2 lines 16 characters.

192: PLU Inventory Amount used for Unit Size

When set the PLU Inventory Amount field can be used for specifying a Unit Size for Inventory control. When set the Unit Size can be entered in the PLU Inventory amount field and is fixed to 3 decimals so when 100 is entered it is processed as 0.100. The cost price is the cost price for one unit.

193: QTouch 4x4 Key Block Right

When set then numeric 4x4 key block right is displayed on the RIGHT side of the Qtouch screen.

194: QTouch Large Menu BUTTONS

When set then 7 large menu selection buttons on Qtouch instead of 14 small.

195: QTouch Menu's with BUTTONS

When set then menu with BUTTONS on the Qtocuh else menu's like on QMP3XXX series with numbers.

196: QTouch Hide Mouse Arrow

When set then hide mouse pointer on the Qtouch screen.

197: Stay Down Windows for Items

When set then Window Lookup (WLU), Modifier, Dept and Plu Windows stay open until CLEAR pressed.

198: QTouch Menu Button Double Height

When set then the text on the standard menu buttons is hown in double height.

199: QTouch RON Status Active as Key

When set then the button showing the Receipt On/Off status can be used as the RONOFF key to switch the receipt on or off. In this way you can spare the RONOFF function key.

200: Decimal Amount Entry

When set the register will accept decimal amount entry like on the CR – series. When you enter "1." the register will accept it as 100 cents or "1.1" as 110 cents when two decimals are used. Entering 100 will still result in 100 cents. The register will automatically change the entry according to the local decimals setup in SYSTEM PARAMETER 59 (Decimals Local Currency).

201: Print NRGT without TAX1

When set and the NRGT is active in the CONFIGURATION the register will print an extra line with the NET NRGT without TAX 1 on the report. Note that the NET sales are only correct when all sales is taxed at rate 1 because the TAX is extracted during the report. General TEXT#54 (Net Sales) is used.

202: Extra Info on PLU printed reports

When set the register will print the Department name, Cost Price and Price(s) on the PLU reports. Program Text 74 and 75 are used for Price and costprice.

203: Extra Info on PLU computer reports

When set the register will add the Department#, Cost Price and Price(s) to the PLU Report Record sent to the computer. The Report Record have a fixed format so they are always added to the end. When the Costprice field is not active it will be empty.

204: Instore and Presse Code with Zeroes

When set the register will fill INSTORE MARKING and PRESSE with ZEROES instead of removing the PRICE or QTY field. Suppose we want to use codes starting with 20 as a 4 digit price code with Price Check Digit and the Item code as a PLU number we must specify FLAG 78 as "054" the Item code will be automatically 5 digits. The code "2012345P0250C" (p = price check digit, c is check digit) will result in a sale of 250 on PLU 2012345. When SYSTEM OPTION 204 is set it will be registered on PLU 2012345000000.

205: Link Unknown Department to 99

When set the register will automatically change the PLU department assignment when a non existing departement is assigned using QDRIVER. It will assign the PLU to department 99 or the last department when there are less then 99 departements. This can be used when the back office uses more departments then available in the cash register.

206: Currency Point on Operator Display

When set the register will always display the entry in a decimal format with thousand separators on the Operator Display during entry. In some countries this makes it easier to avoid wrong entry. So an entry of 100000 will be displayed as 1.000,00 when decimals are set to 2.

207: Suppress Price when quantity ONE

When set and also OPTION 21 “Print Item Price” is set the register will now suppress the price when the quantity is ONE.

208: Journal Printer only for E-Journal

When set the JOURNAL PRINTER is only used for printing the ELECTRONIC JOURNAL. So note that NOTHING is printed on the JOURNAL when this option is SET only the Electronic Journal when printed. The register will print the Electronic Journal on the Journal Printer as programmed in PARAMETER 13 and not on the Receipt printer. In this way it is possible to use another printer for printing the Electronic Journal.

209: Decimal Table# Entry

It is possible to enter the table number with ONE decimal. So 1.1, 1.2, 1.3 etc are accepted as table numbers.

Fixed Table Numbers:
When table numbers are fixed it means that the decimal numbers are always reserved when OPTION 209 is set. When in the application configuration 100 tables are setup and option 209 is set you will have 100 table numbers in the range 1.0 to 10.9. So when you want for example 50 tables with decimals you must setup 500 table totals (1.0 to 50.9 in the configuration.

Free Assigment of table number:
The register will automatically assign table number when a decimal is used. So when you have 50 table totals any number can be used.

210: QTouch CLERK Status Active as Key

When set then the button showing the active CLERK can be used to change the clerk. It functions as the CLERK# key. In this way you can spare the CLERK# function key.

211: Computer X-Report when in Registration

When set it is possible to take COMPUTER X-REPORTS when the register is in transaction without closing the transaction. It is NOT possible to take the BINARY ELECTRONIC JOURNAL report because this needs the TRANSACTION memory space. Note that the register is occupied during the report so long reports should be avoided during operation of the register.

212: Log Computer Access in Journal('s)

When set the register will LOG computer communcation on the JOURNAL and in the ELECTRONIC TEXT JOURNAL. Whenever the register receives a REPORT or PROGRAM command it will be written to the journal in the following formats:

- Computer USER X-report -> “!DDMMYYHHMM Xxxx” (xxx = User X Report number)
- Computer USER Z-report -> “!DDMMYYHHMM Zxxx” (xxx = User Z Report number)
- Computer USER C-report -> “!DDMMYYHHMM Cxxx” (xxx = User C Report number)
- Computer SYSTEM X-report -> “!DDMMYYHHMM SXxx” (xx = System X Report File number)
- Computer SYSTEM Z-report -> “!DDMMYYHHMM SZxx” (xx = System Z Report File number)
- Computer SYSTEM C-report -> “!DDMMYYHHMM SCxx” (xx = System C Report File number)
- Computer Program Access -> “!DDMMYYHHMM P”. Acces can be upload, download etc.
- The Time and Date format are the same as setup in the cashregister.

213: No POST Tender Allowed

When set it is not possible to do a CHANGE calculation outside the transaction. (Post Tendering)

214: Cash Declaration in R-mode

When set CASH DECLARATION can be done in REGISTRATION mode using a SPECIAL DRAWER FUNCTION with OPTION 1-8 SET. In order to ACTIVATE the NEW type of CASH DECLARATION the following must be programmed:

- SET the OPTION CASH DECLARATION in the DRAWER TOTAL CONFIGURATION. When not set the register will NOT report the difference!.

- Create DRAWER function with OPTION 1-8 set and put it on the KEYBOARD.

- SET OPTION 1-6 in the DRAWER TOTALS you don't want to include in CASH DECLARATION. The DRAWER functions used to OPEN a drawer are automatically excluded.

- SET OPTION 2-4 in the USER REPORT you want to use for CASH DECLARATION.

- ERROR MESSAGE# 59 is given when no declaration is done and a declaration report is taken.

- GENERAL TEXT# 52 ("DIFFERENCE") is printed in the drawer report with the difference between the entered and stored amount.

- GENERAL TEXT# 58 ("DECLARED") is printed in the drawer report for the entered amount.

- When a declaration is done the clerk number which did the declaration is stored and compared when the report is taken. If they are not the same ERROR# 59 is given.

- When a sale is made after the declaration has been done the declaration has to be done again!

- The register will print the entered QTY and Amount for each entry and when finished a SUBTOTAL amount for this drawer total.

- The register will report the number of times the Cash Declaration has been done in the Drawer Function total used to start the Cash Declaration.

- a CLERK which has OPTION 1-8 (Only Declaration Reports) NOT SET can take a cash declaration report without making the cash declaration.

When the DRAWER FUNCTION which is used for cash declaration is pushed the register will ask for every drawer total which has OPTION 1-6 NOT SET. You can enter the amount directly on the REPORT key (CR) or use the X key for multiplication. When finished for the current total press the REPORT KEY WITHOUT ENTRY and the register will ask you for the NEXT total. You can abort by pressing the CLEAR key when the current amount shown is ZERO. When you want to correct an entry you can press CLEAR and the current total will be reset to ZERO.

215: Activate Powerfail Routines

Reserved for power fail in CR1000 and CR3000 series.

216: Change Amount Positive

When set then the CHANGE amount is displayed and printed as a positive amount.

217: Keyshift also on PLU# key

When set the register will also add the programmed KEYSHIFT OFFSET as programmed in PARAMATER 90 to the PLU number entered. Note that it will also add the offset to an entered or scanned BARCODE. This function can be used to scan for example a case of beer by pressing the key and then scan one bottle. Suppose the barcode of the bottle is 123456 and parameter 90 is set to 1 the register will change the code to 123457 when the key is pressed before scanning. So you can program barcode 123457 as a case of beer.

218: Round tax amount

When SYSTEM OPTION 106 is NOT set and the TAX calculations need rounding you can set this option. The rounding as programmed in PARAMETER 91 will be used.

219: PLU Modifier Link

When set and PLU link is active in the configuration the register will use the programmed link as MODIFIER number instead of ARTICLE number. In this way you can use the modifier file as a link table when you are using scancodes. Note that you MUST set OPTION 1-1 in the MODIFIER function and program the scancode in the modifier text.

220: No Receipt Number with Open Balance

When set the register will NOT increment the receipt number when a balance is opened and no sales is made.

221: Disable Central Lock

This option was introduced to support the models without a Central Lock installed. When set:

* The CASH register program will not read the central lock.

* The BOOT program will still read the central lock position so you should fix it to 'P' else you cannot update the Flash anymore.

* The Lock is changed by pressing the X (Multiply Key) without entry. The first time you press it it will show the current position and the next time it will change to the next position. It works the same as the lock button on the QTouch so you should program the allowed positions in the Clerk function.

* It will always change to RG when POWERED ON.

* When POWERED OFF in P position and POWERED ON again it will CLEAR the WORKING MEMORY and then switch to RG again.

* This option can be used on all models only when you set SYSTEM OPTION 221 on the QTOUCH it will also de-activate the LOCK button instead of the lock.

* It is possible to switch to P-mode by entering 0 X 5983 X. This can be used to switch to P-mode for programming when there is no clerk key with programming rights available.

222: Slowakian NRGT Calculation

When set the register calculates the NRGT according to the Slowakian Law. There are 3 NRGT totals. NRGT 1 is the total of the negative NRGT 2 and positive NRGT 3. NRGT 2 is the negative total of all round down, refunds and discount amounts and NRGT 3 is the positive total. Refund cannot be bigger then the daily total sales.

223: Price and Quantity on 2 line

When set the register will print the unit price and quantity on a seperate line on Receipt, Journal and Slip. Note that it will only print when the quantity is larger then 1. Default it will print "2 @ 2.00". when you set SYSTEM OPTION 167 it will print "2 X 2.00".

224: Balance Number at bottom on KP

When set the register will print the balance number on KP ticket at the bottom.

225: Running KP ticket number

When set the register will print a running ticket number in addition to the receipt number (example: 000001-1) on KP tickets when the option for SINGLE tickets on this KP is ALSO set. This number is unique for each KP so it start at 1 for each KP.

226: No KP tickets with Direct Sale

When set the register will NOT ISSUE KP tickets when a DIRECT sale is made. Only for BALANCE sales the KP tickets are issued.

227: Print Inverse on Thermal KP

When set the register will print MODIFIERS and NEGATIVE items in INVERSE mode on an EPSON compatible THERMAL Kitchen Printer.

228: No double Height & Width on reports

When set the register will suppress double height and double width printing on reports.

229: Chinese Kitchen Printer

When set the register will not convert character codes starting from H'A1' when sent to an EXTERNAL EPSON compatible KITCHEN printer. In this way it is possible to print CHINESE on the Kitchen printer when you are using the special version that supports the SIMPLIFIED CHINESE GB2312 character set. Note that you can use the SECOND PLU descriptor for the Chinese text because it is only used for the KP. For entering the Chinese code there are special programs available for MS-Windows.1. The register will now also display the Chinese characters on the INTERNAL customer display of the Qtouch-2 and Concerto. The display will show 1 line of 17 characters. Note that 1 Chinese character has the widht of 2 normal characters.

230: Journal print equals Receipt print

When set the register will print an exact receipt copy on the journal when a journal printer is active.

231: Print Tax Sign

When the register will print the Tax Sign A, B, C, D, E, F, G or H after the amount on PLU/DEPT line.

232: QTouch 1 Fixed Key Line

When set the UPPER ROW of the block with 40 keys is fixed. This makes it easier to switch from window.

233: QTouch 2 Fixed Key Lines

When set the UPPER 2 ROWS of the block with 40 keys is fixed. This makes it easier to switch from window. When OPTION 232 is also set the first 3 ROWS are fixed.

234: Only Open Balances in Window

When set and using FIXED balance numbers the register will only show the balances that are open when the balance key is pressed.

235: No Inventory change by Computer

When set and inventory is kept in the register it will not be overwritten by the inventory information received from the computer when PLU are changed.

236: Disable Clerk at Power On

When set then the register will NOT select CLERK 1 at power on also when the clerk is not compulsory.

237: Reset Central Lock

When set the register will change the Central Lock automatically to REGISTRATION when the CLERK KEY is removed. Note that this only work with a SOFT LOCK (OPTION 221 is SET) or with the QTOUCH.

238: No Open Drawer Check

When set the register will NOT check the open drawer sensor. This can be used to disbale to open drawer chack when the sensor is broken.

239: Training Clerk on Journal

When set the register will print training receipts on the journal and also store them in the Electronic Journal.

240: Manager Confirm Open Balance

When set the register will prompt a manager clerk for confirmation when opening a balance from another and SYSTEM OPTION 34 (Balance Fixed to Clerk) is set. The register will BEEP and display the balance number with ERROR MESSAGE #38. When the manager wants to open the balance he must confirm with the key used to open the balance if not he can abort with the CLEAR key. Also check OPTION 186 when not needed for ROOMS and ACCOUNTS.

241: Display Balance Name

When set the register will print show the first line of the balance text (when active) with the balance number on the operator and customer display when the balance is opened or when the balance lookup window is opened.

242: Split to Balance by Manager

When set only a manager can split items from one balance to another balance.

243: French Cheque Validation

When set the register will use a special format of validation which is used to validate cheques as used in France. This can only be used in combination with an EPSON TM295 (type 6) or compatible SLIP printer. On the cheque the amount, date, shop name and location are printed. The shop name is taken from the first 20 character of the receipt header LINE 1 and the shop location is taken from the receipt header LINE 3. The validation can be done by the FIXED VALIDATION FUNCTION or by setting the VALIDATION option in the TENDER function.

244: No Report in P-Mode

When set you cannot take a report when the Central Lock is in P postion. The register will give INVALID ENTRY.

245: Taxable Item Marker

When the register will print the '*' when an article is taxable. Note that when OPTION 231 is set it has priority.

246: Clerk Name in Header

When set the Clerk Name is printed on the top of the receipt and it is not allowed to change the clerk within a transaction.

247: PLU Dept# 2 for LIST only

When set the PLU department 2 is only used for a PLU DEPARTMENT LIST. This can be used to create special lookup windows instead of using the Window Lookup function.

248: Store PLU# in Electronic Journal

When set store PLU number in Electronic Journal also when OPTION 90 is NOT set. The register will sent the plu number when the report is taken by the computer.

249: Check Digit on PLU# entry

when set then do a check digit calculation on all PLU number of more then 6 digits when entered using the keyboard or when scanned. To avoid double checking OPTION 78 should be reset else the register will check the code twice.

250: No Inventory with EJ Correction

When set then don't change PLU inventory when transaction in Electronic Journal is cancelled.

251: Check Digit on All Weight codes

When set all Instore codes which contain a weight have a check digit on the weight field. Suppose we want to use codes starting with 22 as a 5 digit quantity code with 3 decimals we must specify FLAG 80 as “035”. The article code is when using quantity ALWAYS used a PLU number because the price is programmed in the register. The code “221234c02500C” (c is check digit) will result in a sale of 2.500 X PLU 221234

252: Re-activation of Tables

When set then it is possible to RE-ACTIVATE the TABLE after it has been paid and no new order has yet been entered.

– The TABLE can be re-activated by a SPECIAL BALANCE FUNCTION type RE-ACTIVATE with OPTION 1-1 and 1-4 SET and 1-2 and 1-3 NOT SET. The other options and print options work the same as for the open table function and it is advised to use the same settings.

–

– When you press the RE-ACTIVATE function without entry the register will display a list of tables which can be activated. When you enter the table number on the key the register will try to re-activate the table.

–

– The register will report the re-activated amount in the function. This can be used to check the invoices issued. The total of INVOICES issused should match the total ordered plus re-activated.

–

– Only TABLES can be activated so this fucntion DOESN’T work for ROOMS and/or ACCOUNTS.

–

– When the ITEM buffer is full the register will automatically remove the first TABLE found which is closed so this TABLE cannot be re-activated.

–

– Because the TABLE items stay in the buffer until the TABLE is opened again it is advised to reserve enough space for the BALANCE ITEM BLOCKS BUFFER.

–

– When the TABLE report is taken in Z-mode the tables are cleared and cannot be re-activated anymore.

253: Balance Item correction by Window

When set correction of items on a balance is done by window. When the VOID function (OPTION 1-1 is SET) is pressed the register will open a window and you can select the item you want to void. When finished you must close the table by the new balance key. The operation is the same as when SPLITTING a balance except that you must close on the NEW BALANCE key as with a normal order. When the register is in correction mode you can also enter the items directly only items with modifiers MUST be corrected using the window so the register knows which items belong together.

254: Print Exit Time on KP1-7

When set the register will print an extra line in double width and height with the TIME added with the KP number (only for KP 1 to 7 so 8 can be used as normal KP) to the hours on EVERY KP ticket. This can be used for printing entry tickets which are valid for specific number of hours. Tickets which are valid for an hour must be printed on KP1 and for 2 hours on KP 2 etc.

255: Scanner# 2 ALWAYS for Balance Scanning

When set then ALL codes scanned with a scanner which is connected to scanner port# 2 (PARAMETER 57) are ALWAYS processed as balance codes (also see PARAMETER 103) This can be used when the balance codes don’t start with 9 or when they are in a non standard code format. When you want to use normal scanning at the same time you can connect a second scanner on port # 1 (PARAMETER 56). When PARAMETER 103 is ZERO it will use BALANCE function# 1 else it wil luse the balance function as programmed in PARAMETER 103.

256: Display PLU price in Lookup Windows

When set then display also the PLU price in lookup windows on the screen.

257: Consolidate with Subtotal Key

When set the register will consolidate and re-display the transaction buffer when the SUBTOTAL key is pressed.

258: Taxable Rounding for CZ

Special rounding for Taxable 1 and 2 amount for Czech Republic.

259: CR1000 Half Size print EJ

When set the register will print the Electronic Journal in Half Height on the CR1000 series.

260: Convert for Arabic Output

When set the text is reversed and checked for special Arabic characters.

261: Concerto 5 V for Com1 and 2

When set output of 5 Volt is activated on PIN1 of the RJ connector of COM1 and 2 in the Concerto and Qtouch-2. This 5 Volt can be used to power external devices. Note that they are BOTH (1+2) activated!! When using the adaptor cable the 5 Volt will be on PIN 9.

262: Concerto 5 V for Com3 to 6

When set output of 5 Volt is activated on PIN1 of the RJ conncetor of COM3 to 6 in the Concerto and Qtouch-2. This 5 Volt can be used to power external devices. Note that they are ALL (3-6) activated!! When using the adaptor cable the 5 Volt will be on PIN 9.

263: Concerto 24V for Drawer

When set the drawer connector on the Concerto and Qtouch-2 use 24 Volt instead of 12 Volt.

264: Official Receipt Message

When set a special information line for official or non-official receipts will be printed on normal and training receipts. This was especially implemented for the Philippines. New GENERAL MESSAGES used:

GENERAL MESSAGE 85 = "THIS IS NOT AN"
GENERAL MESSAGE 86 = "THIS SERVES AS AN"
GENERAL MESSAGE 87 = "OFFICIAL RECEIPT"

265: Print Receipt Reset Counter

When set the receipt reset counter will be printed in the Z-report. This was especially implemented for the Philippines.

GENERAL MESSAGE 88 = "Reset Receipt#"

266: No reset NRGT

When set the NRGT will not be reset by 666666. This was especially implemented for the Philippines.

267: Balance Closed by Manager

When OPTION 34 (Balance Fixed to Clerk) is set and this option is also set the financial information is reported in the manager when the invoice is printed and closed by the manager.

268: No Total Price on KP

When OPTION 74 (Print 2 lines on KP) was set and also the OPTION 49-56 (Print Price on KP1-8) the register would print the total price (= quantity X price) on the item line. This can be suppressed by setting this option. It will then print the quantity and price on the first line and the item text on the next.

269: Total Quantity on KP

When OPTION 65-72 (Print Total Amount on KP 1- 8 ticket) is set and this option is also set the register will also print the total quantity on the same line. Note the decimal quantities are counted as 1 item.

270: Store Special Action on Balance

When set the register will calculate and store the Special Actions on the balance when used. Note that it will only calculate the action in the current transaction so the items already on the balance are not included in the calculation! This can be used when customers buy on account and the account information is transferred to the computer. The final invoice is issued by a back office system.

271: Back Light Off

When set the BACK LIGHT on the QMP3000 serie models with a 16 line display is switched off when the screen saver is displayed. See PARAMETER 8 (Inactivity Time).

272: Form Feed to external printer

When set the register will sent an extra FF character to an external printer when the PAPER CUT command is sent. This can be used for external epson compatible printers which have no cutter but issue the paper after a FF command. For example the Epson LQ 300+ matrix printer.

273: PLU report by Tender (Fiscal)

Only active in Fiscal version for Kenya. When set the PLU report can be sorted by tenders. Please activate also SYSTEM OPTION 18. The last SalesPersons will now be used as tender report per PLU. Please increase the actual number of SalesPersons by the number of tenders used. Activate the Quantity and Amount in the report construction of PLU – SalesPersons. Program the caption of the last SalesPersons equal to the tender names. Create a user report containing the PLU – SalesPerson report at the corresponding range.

274: Slip Trailer On User Report

When set the register will print the SLIP TRAILER at the end of USER reports. This can beused to print a special message at the end of USER Reports. Note that the SLIP TRAILER is NOT printed on the slip when this option is set.

275: Suppress Tender Rounding Print

When set and rounding is done on the Tender Function the rounding is not printed on the receipt but is only reported. Note: This option was used earlier in Fiscal Systems for activating Report Rounding by Tender.

276: Touch Transaction Screen Double Height

When set the register will display the Transaction screen in Double Height. Instead of 23 lines normal height 11 lines in double height will be displayed.

277: Concerto BMP files for Display

When set the register will look for user BMP files in a fixed location when not found it will use a Demo BMP which are included in the image.

278: Send 00 to External Display after line

When set the register will sent a terminating 00 character after every line to the external display. This can be used to check for the end of the line when instead of an external display a logging device or monitor is connected.

279: No Z-report with Open Tables

When set it is not possible to take a Z-report USER or System Report using the keyboard when a TABLE is still open. It is still possible to take a report by computer.

280: Open drawer with Subtotal (Fiscal)

Only active in Fiscal version for Venezuela. When set the cash drawer will be opened immediately after SUB TOTAL was pressed.

281: Block Transmission

When set the register will transmit Report Dataand Qdriver Download Data in blocks and not record by record. This can improve the transmission speed for long reports when modems are used because the protocol doesn't have to switch between transmission and reception so often.

282: Non Detailed Copy

When set you can ask for a NON DETAILED copy of a receipt by entering ZERO on the SUBTOTAL key. The register will print GENERAL MESSAGE# 90 ("Complete Meal") with the total amount of the ticket instead of all individual items.

283: Right Printing on Dry Cleaning KP

When set the register will format the printing on the Dry Cleaning KP type 8 (TM-200 series with 44 mm hydrofix paper) to the right instead of to the left. The newer Epson TM-200 series have a new type of cutter which does the half cut on right side and not the in the middle.

284: Suppress Receipt# on Reports

When set the register will suppress the receiptnumber on reports.

285: Suppress Time on Reports

When set the register will suppress the time on reports.

286: Manual Tare Selection

When set you can select a TARE weight also for articles which don't have the compulsory Tare Weight option set. When the quantity minus the tare weight is negative the register will give ERROR# 24 (Enter Quantity).

287: Electronic Journal Reset by Ticket

When set and the Electronic Journal is taken as a Z-computer report the register will reset the journal ticket by ticket so there is no need to receive the complete journal again incase of an error. When a Ticket has been sent it is removed from the journal. When an error occurs in the middle of a ticket the next time the report is taken the complete ticket is sent again so when you process the data in a backoffice program you must check if the ticket is ended correctly and/or if the same ticket exists twice.

288: Belgian Ticket Code including Quantity

When set and the Belgian Ticket code is activated in the configuration the register will include the quantity in the calculation as specified by "Vb. ET 103.592" if not set the calculation is done according to "Vb. ET 103.018"

289: Qwerty Touch Keyboard

When set the register will display a QWERTY keyboard on the touch screen in programming mode or when ALFANUMERIC text is entered. When in programming mode 3 extra keys TYPE, ## (Number) and DUMP are shown. The HEX key can be used to enter hexadecimal character codes. Only active on Concerto!

290: Menu with 3 Columns

Menu with 3 Columns. When set the menu's which are displayed have 3 columns. The register will automatically break the text into multiple lines when it doesn't fit on one line. Only active on Concerto!

291: Menu with 4 Columns

Menu with 4 Columns. When set the menu's which are displayed have 4 columns. The register will automatically break the text into multiple lines when it doesn't fit on one line. Only active on Concerto!

292: Menu with 5 Columns

Menu with 5 Columns. When set the menu's which are displayed have 5 columns. The register will automatically break the text into multiple lines when it doesn't fit on one line. Only active on Concerto!

293: Menu Left to Right

When set the register will draw the menu keys from left to right instead of top to bottom. Especially when using multiple columns it looks better when drawn from left to right when not all menu keys are displayed. Only active on Concerto!

294: Handheld has Priority

When set the register will give orders from the handheld priority. It will put the register transaction on HOLD and RECALL it after the handheld transaction is processed. This can improve the operation speed when a handheld system is used which doesn't store the order in the base station but expects a direct answer from the cash register like the MERLIN system. Note that you must print the ticket at the end of the transaction by programming the receipt printer as network printer to avoid receipt issue. When this option is set the FIXED function HOLD/RECALL will not be availble.

295: No Drawer with ZERO sales

When set the register will NOT open the drawer when the total sales amount is ZERO.

296: Price Level by Weight

When set the last 4 positions in the TARE table can be used to select a different price level when the weight for scalable articles reaches the programmed weight. Note that this level has priority over all other level selections.

- When the weight is larger then the value programmed at position 10 the register will use price level 5.
- When the weight is larger then the value programmed at position 9 the register will use price level 4.
- When the weight is larger then the value programmed at position 8 the register will use price level 3.
- When the weight is larger then the value programmed at position 7 the register will use price level 2

297: Disable Wait for Touch Key Release

The software has been changed so it waits for the Touch key to be released before another key is accepted. For test purposes this can be disabled by setting this option. It is advised not to set this option except for test purposes.

298: Invoice Address Entry (Fiscal)

Only active in Fiscal Version for Venezuela. When set then the customer address can be entered on the invoice with alphanumeric input in the footer instead of header. This flag is only working for the Special Invoice function with key code 293.

299: Not in use

Not in use.

300: Tender Input Mask 0/50

When set the amount entry on a tender function is only allowed with 0/50 cents. This limitation was implemented for countries which smallest coins are 50.

301: Plu Caption# 2 used for Report

When set then print PLU caption2 in the PLU report. Note that in that case caption 2 will not be printed at the kitchen printer.

302: Sign ON/OFF in Network

When set the sign on/off information is transmitted to all registers in the network. Note that PARAMETER 55 (Network Size) must be set. Clerk Sign ON/OFF information is stored in Electronic Journal so it can be extracted from the journal when read by the computer.

303: Item Price in Electronic Journal

When set then save PLU/DEPT item price in the Electronic Journal.

304: CR1000 4-Line Arabic Font

Only active in the CR1000 series. When set then CR1000 with 8 line multiline display uses a new screen resolution to work with special Arabic Font of 4 lines with 16 characters width.

305: Receipt with Register ID

When set the register will print the 'A' for register# 1, 'B' for register# 2 and so on instead of the '#' in front of the receipt number on the ticket

306: Receipt Copy Only by Manager

When set only a manager is allowed to take a receipt copy.

307: Hebrew Reverse Text Output

If set then reverse text direction output active (Hebrew language). It works the same as OPTION 260 (Arabic Output) but only reverses the text and does no conversion of special Arabic characters.

308: Mark Changed PLU

When set BIT 7 in the last character of the PLU name is used as an indicator which is set whenever a PLU is changed. This means that you cannot program a character with a larger code as hex 7F (decimal 127) on the last position. This will in general don't cause any problems because character codes larger as 127 are used for special characters only. Whenever a PLU is changed manually or by computer the indicator is set and it can only be reset by taking a special PLU dump which prints all the the PLU marked. This dump can be done in PROGRAMMING mode by entering 105, 106 or 107 on the TYPE key or in EASY PROGRAMMING mode by entering 105, 106 or 107 on the SUBTOTAL key. General Message 63 is displayed and printed.

105 will print all PLU changed.
106 will print all PLU changed and RESET the indicator
107 will only RESET the indicator without printing. This can be used after an complete installation to reset all indicators.

309: Activate Slide Show

When set the register will display a slide show of maximal 4 different pictures. It will look for the files qlogo.bmp, qlogo1.bmp, qlogo2.bmp and qlogo3.bmp. It will display every picture for about 15 seconds. SYSTEM OPTION 277 must also be SET. There are 3 new files added for the slide show. The are called “qlogo1.bmp”, “qlogo2.bmp” and “qlogo3.bmp” (Note they are case sensitive!). They can be installed in the same way as “qlogo.bmp” using an USB stick mode 205. If you want to remove a file you must install an empty file with that name.

310: Extract Combined VAT

When set register will extract all VAT taxes from an article and re-calculate the taxable amount before it adds to the tax itemizers. Note that only 'real' VAT rates are excluded. This are the tax functions which have OPTION 1-1, 1-3, 2-1 and 2-2 NOT set!

Example:

DRINK	123.00 (14%VAT, 2%C.Levy, 7%service charge)
MEAL	252.00 (14%VAT, 2%C.Levy, 10%service charge)
---	---
TOTAL	375.00
VAT	42.00
C.Levy	6.00
S.Charge7%	7.00
S.Charge10%	20.00

311: Table Open on ONE Network Register

When set the a table can only be open on ONE register at the same time in a network. When you try to open a table which is open on another register ERROR 44 („Balance Still Open“) is given and you will have to wait until the table is closes on the other register.

312: New Price not below Cost price

When set and the cost price is active for the PLU the register will give ERROR 17 („Invalid Price“) when the new price is below the cost price.

313: Validation used for Becker Ticket Printer

When set the register will sent the validation as one line of 71 characters to the printer when you specify TM-88 as slip printer. When you program the ticket inside a macro you can enter the number of tickets on the macro so the register will issue separate tickets. This has been developed for printing entry tickets in combination with the “German” BECKER “Billett” printer.

314: Sound Short Tone

When set the length of the sounds (Key Beep, Error etc) are a 1/5 of the normal length. Also the controller sound level will be at half strength for Concerto and QTouch-2.

315: Print Covers on KP

When set and cover entry is used for tables the register will now print the number of covers with the table number on each KP ticket. The default KP font is used.

316: Print Order Counter (Fiscal)

Only active in Fiscal version for Venezuela. If set then an Order counter will be printed on receipt and kitchen printer.

317: Programmable Tax Sign

When set and als 316 is set the register will use the TAX ID as programmed in General Text# 90 instead of the default values “ABCDEFGH”. The ID for TAX1 is taken from position 1 and so on. The character on position 9 is used for the items which have no tax selection. Note that OPTION 231 MUST be set and that you program all TAX ID's required (9)!This option is reserved for Fiscal Cash Registers.

318: Print "Contribuyente Formal" (Fiscal)

Only active in Fiscal version for Venezuela. If set then print text "Contribuyente Formal" in fiscal receipt.

319: Domenican Print Layout

If set then print layout is according to the Domenican Republic regarding law:

- Uses headerline 8 with text “Cant. Descr. Valor ITBIS”
- Uses headerline 9 with text “---- ------ ----- -----”
- Uses General Message#53 with text “** PROFORMA **”
- In program mode 95 + TYPE you must program the start and the end receiptcounter:
- First must enter the 4 digits secret code followed by SUBTOTAL key
- Then must input an 11 digit NFC number from government
- Then must input start receipt counter
- Then must input end receipt counter -> if the receipt counter reach this number then the cash register do not allow to open a new sale (shows error message#25 “Journal full”) and the user must program a new start/end receipt number

320: Info Lines in Header

If set then print info lines (date/time and clerkname) in the header instead of at the bottom of the receipt.

321: New User Interface (POS)

When set the register will use a Window to display errors on the POS TOUCH models. When SYSTEM OPTION 289 (Qwerty Touch Keyboard) is set also the programming interface has been changed.

322: Table Table Text used for Address Entry

When set the register will automatically clear the Table text lines when a table balance is openend for the first time. When it is needed to print the customers name and address on the invoice it can be entered using the new balance function.

323: Room Balance used for Delivery

When set the ROOM balances can be used for a delivery system. You must activate the “Code# Size” in the ROOM configuration and start with a empty ROOM number file (set to 0) or a pre-programmed accounts with address information.. It is possible to create a new delivery account when an unknown account number is entered. The register will ask you if you want the create the delivery account and prompt you for the account details. When you want to change the account details you can use the BALANCE function for changing the balance texts. The register will display info texts when the balance text details are entered. The system uses PROGRAMMING TEXTS which can only be changed using QPROG. PROGRAMMING TEXT #118 is used for LINE #1, #119 for LINE# 2, #120 for LINE# 3, #121 for LINE# 4, #122 for LINE# 5 and #123 for LINE# 6.

324: Re-send Gratuitous ARP Request

When set the register will automatically sent an ARP request to itself every minute to signal the connected network that is is still there. This can be used for network switches or routers which will remove their ARP cache when no communication has taken place.

325: Date Format DD-MM-YY

When set the date will be printed as DD-MM-YY.

326: Print New Balance on KP

When set the register will print the new balance on the KP printer. This is used for a take-away system so it is possible to check if the order printed on the KP is the total order.

327: Ask for CVV2 and Card ID

Only active in special version for Israel. If set then ask for CVV2 number and CARD ID in manually card input.

328: Plu Extra Caption on Receipt and Slip

When set and the PLU Extra caption was activated in the PLU configuration the register will print the Extra Caption on an extra line on the Receipt and Slip. Note that by setting this option the Extra Caption is NOT used for the KP anymore only for the Receipt and Slip.

329: Enhanced Seat Number System

When set the “new” seat number system is active. The following enhancements are active:

- Display Balance of individual seat when Seat key is pressed
- When a table is opened without seat number (1 table key) the register will now display all items of all seats and default to seat# 1.
- When you select a specific seat only the items of that seat are displayed.
- Items are sent to KP when the table is closed so there is only one ticket.
- The format of the KP ticket is changed for the seat printing.
- When using the table map the total of all seats of the table is displayed.
- When using split you can now select the seat directly using the seat key or table and seat using the table key.
-

– When using transfer you can now select the seat directly using the seat key or table and seat using the table key.
–
– The new seat functionality only works correctly with when you are using fixed tablenumbers.
–
– When using the SPLIT function to split articles from a table to a seat using the seat key the register will automatically re-open the table so it is possible to continue without the need to re-open the table.
–
– The register will now display the seat balances when the SEAT key is depressed when splitting the balance.
–
– When paying a table and selecting “All Combined” the register will now display the total for all seats on that table.

330: Portuguese Invoice Printing

When set the first duplicate receipt after a direct sale is issued as an invoice.

- INVOICE# is printed and increased
- The register wll prompt for entering the name, address and VAT#.
- General Messsage# 85 is used for prompting for the “Name:” and is printed on the receipt.
- General Messsage# 86 is used for prompting for the “Address:” and is printed on the receipt.
- General Messsage# 87 is used for prompting for the “VAT#:” and is printed on the receipt.

–

When you press the SUBTOTAL key for the copy the register will automatically prompt for Name (#85), Address (#86) and VAT# (#87). When prompting for the address it will allow you to enter more then one line. When finished entering the address press the ENTER key without entry and it will continue prompting for the VAT#. You can abort by pressing the CLEAR without entry. Don't forget to set OPTION 289 for the QWERTY keyboard.

- When the first prompt Message# 85 is empty the register will NOT ask for the name and address details and will only print the Invoice number.
- When 1 is entered on the SUBTOTAL key and OPTION 330 is set the register will print a normal copy.
- When 0 is entered on the SUBTOTAL key and OPTION 282 and 330 are set the register will print a NON DETAILED copy with Message# 90.

331: Convert Thai Font

When set the register will check the for Thai characters send to the external printer when set to TYPE 3 (TM-88) or 4 (TMU220). Note that for the display you need to have the Thai Font installed.SYSTEM OPTION 334, Print Lock Text. Only active in version for Israel. If set then print General Text#19 ("--X--") in X mode and General Text#20 ("--Z--") in Z mode.

332: Only General XZ Counter in User Report

When set the register will only print the General X and Z counter in the USER REPORT (Also see OPTION 110).

333: Italian Invoice Type

With this option it is possible to create the functions FATTURA and RICEVUTA FISCALE as required by the Italian law. When set the register will only print VAT on a balance Invoice type which prints the Invoice Number (FATTURA, General Message# 54). For direct sales and Invoice Types which have OPTION 2-3 (Suppress Invoice Number, RICEVUTA FISCALE General Message# 73) set the register will not print the VAT details. The number of invoices issued can be reported by the Invoice Type functions.

334: Print Lock Text in Report

Only active in version for Israel. If set then print General Text#19 ("--X--") in X mode and General Text#20 ("--Z--") in Z mode.

335: Reserved for Fiscal Systems

Reserved for special fiscal version.

336: Print Used Time

When set the register will print an extra line with the hour and minutes between the start and end time when the TIME IN/OUT function for the parking or balance system is used. GENERAL TEXT# 85 is used.

337: Prefix only with Tender

Only active in version for Latvia.If set the base currency prefix (Parameters 60...62) is not printed before every amount but only at tender lines. Applies to Latvia only in the moment.

338: Report Table at Payment

When set the sales for a table is not reported when ordering but at the moment of payment. In this way the sales is reported on the register where the table is paid. It can also be used to enter orders which are processed by the backoffice and are not paid on the register like order lists or baking lists for a bakery. When used in a Fiscal system only the register which issues the invoice needs to be fiscal.

Note: When you transfer from one balance type to another they must both have the option set!

339: Report Room at Payment

When set the sales for a room is not reported when ordering but at the moment of payment. See also SYSTEM OPTION 338.

340: Report Account at Payment

When set the sales for an account room is not reported when ordering but at the moment of payment. See also SYSTEM OPTION 338.

341: Display Program Key in P-Mode

When set the program keyboard will automatically be displayed on the Touch Screen when the lock is turned to P-mode. This makes it easier to find the program keys on the touch screen.

342: Print PLU CAPTION #1 on KP

When set the register will ALWAYS print PLU CAPTION #1 on the KP Tickets (see also OPTION 343). When OPTION 342 and 342 are both set the register will print both on the KP tickets.

343: Print PLU CAPTION #2 on KP

When set the register will ALWAYS print PLU CAPTION #2 on the KP Tickets. (see also OPTION 342). When OPTION 342 and 342 are both set the register will print both on the KP tickets. The register will automatically print PLU Caption# 1 when PLU Caption# 2 is empty.

344: Re-Activation of Rooms

When set then it is possible to RE-ACTIVATE a ROOM after it has been paid and no new order has yet been entered.

- The ROOM can be re-activated by a SPECIAL BALANCE FUNCTION type RE-ACTIVATE with OPTION 1-1 and 1-4 SET and 1-2 and 1-3 NOT SET. The other options and print options work the same as for the open room function and it is advised to use the same settings.
-
- When you press the RE-ACTIVATE function without entry the register will display a list of rooms which can be activated. When you enter the room number on the key the register will try to re-activate the table.
-
- The register will report the re-activated amount in the function. This can be used to check the invoices issued. The total of INVOICES issused should match the total ordered plus re-activated.
-

– When the ITEM buffer is full the register will automatically remove the first ROOM found which is closed so this ROOM cannot be re-activated anymore.
–
– Because the ROOM items stay in the buffer until the ROOM is opened again it is advised to reserve enough space for the BALANCE ITEM BLOCKS BUFFER.
–
– When the ROOM report is taken in Z-mode the tables are cleared and cannot be re-activated anymore.

345: Suppress Line# 1 Account Info

When set the register will suppress the first line of the ACCOUNT BALANCE text on the printer. This line is only sent to the computer when an OPEN ACCOUNT report is requested. This option was made for Denmark where they use the first line to store the Personal Number which should not be printed to avoid abuse.

346: No ZERO Over Tender

When set it is not allowed to overtender when the transaction total is ZERO.

347: Display Balance on Table Map

When set the register will display the balance on the table map instead of the time the table is open when store time is active.

348: Menu with 6 Columns (Concerto)

When set the menu's which are displayed have 6 columns. The register will automatically break the text into multiple lines when it doesn't fit on one line. This option only is valid for the Qtouch-2 and Concerto.

349: Menu with 7 Columns (Concerto)

When set the menu's which are displayed have 7 columns. The register will automatically break the text into multiple lines when it doesn't fit on one line. This option only is valid for the Qtouch-2 and Concerto.

350: Check PLU Inventory Level

When set the register will check the inventory level when a PLU is sold. When the entered quantity is larger then the inventory Error Message# 69 (“Not On Stock”) is given and it is not allowed to sell the PLU.

NOTE THAT THIS WORKS ONLY ON A STANDALONE REGISTER!!

351: Graphic Keys without Borders

When set the register will not draw a border around graphic keys. This will enable you to create your own key shapes when the background color is the same as the screen background color.

352: Euro Cash Declaration

When set the register will open a screen with the EURO currency units from 500 to 0,01 EURO and you must enter the quantity of each unit when a cash declaration is done.

- When finished you must select the last "EXIT" (GENERAL TEXT# 68) field and confirm.
- You can only abort by changing the Central Lock.
- The EURO DECLARATION is used for the first DRAWER TOTAL in the declaration list.
- The declaration for the other totals is done as before.
- This option can be used with Declaration in REG mode or with REPORT.
- Program Text# 63 (EURO) and 64 (Cents) are used instead of the default EURO and Cents when not empty.

353: Compulsory Keyboard Selection

When set and keyboard levels are used it is compulsory to select a keyboard level other then LEVEL# 1 when a transaction is started.

354: Accounts used for TABS

When set you can use Account totals for Tabs (as used in a bar). When you set this option and you have activated the balance text in the Account Totals the register will automatically ask you for the name when the TAB is opened the first time. When the TAB is paid the name is automatically removed. When a TAB is used the entered name is displayed and when not used GENERAL TEXT# 40 is displayed.

355: Suppress all empty lines

When set the the register will suppress all NON-TEXT (empty or seperator) lines on the receipt printer.

356: Paraguay Print Layout

When set the register will print the receipt in the format as required forParaguay.

357: Reserved for Fiscal Systems

Reserved for special fiscal version.

358: Repeat Condiment Entry

When set and a Condiment Selection is activated on a PLU with quantity of more then 1 and smaller then 100 the register will automatically repeat the condiment slection for the quantity entered. It can be aborted by pressing the CLEAR key 2 times incase a large quantity is entered by accident.

359: No Balance Order Copy

When set it is not allowed to print a copy receipt of a balance order. See also OPTION 118 (“No Copy Allowed”).

360: Direct TOUCH MENU Entry

When SET it is possible to enter the amount before opening the TOUCH menu. The sequence is ENTRY->WINDOW->SELECTION instead of WINDOW->ENTRY->SELECTION. This option only works for the following WINDOW types:

- Departments
- Window Lookups
- Tender
- PORA
- Discount
- MENU
- MACRO
- Modifier
- Condiment

361: Rounding at Payment, Print and Report

When set the register will round at payment (tender).

-It is possible to report the rounding total in the TAX REPORT. When in the LAST Tax Function OPTION 2-8 is SET.

– - The rounding difference is printed on the receipt. When the rounding is NOT reported GENERAL TEXT# 66 is printed else the (last)TAX Function name.

– - When SUBTOTAL is pressed the register will show the rounded amount.You should not set the options to round on tender or on total sales.

362: Day of Month for Price Level Reporting

When this option is set the register will use the "Day of Month" totals for reporting Price Level Sales. The register will use the active Price Level Function for selecting the report zone instead of the day of the month. In this way it is possible to report (any) data by price level. Don't forget to set the number of Day of the Month Zones in the General Option in the QPROG configuration menu to the required number because default it is set to 31.

363: Print VAT Total

When SET the register will now print the total of VAT on the receipt. GENERAL TEXT# 100 is used as descriptor. It can be used in combination with SYSTEM OPTION 145 (Print NET SALES).

364: PLU Extra Group for Qty Descriptor

When set and in the PLU configuration the “Extra Group Selection” is activated this field can be used for specifying the quantity descriptor for the PLU sales and inventory reports.Note that you must have a minimum of 5 GROUPS in the configuration else you can not program up to number 5! This value is ONLY Used for printing cash register reports and is not sent to the computer!

value 0 = General Text# 3 “Qty” (default Qty descriptor)
value 1 = General Text# 101 “KG”
value 2 = General Text# 102 “Gram”
value 3 = General Text# 103 “Liter”
value 4 = General Text# 104 “Ounce”
value 5 = General Text# 105 “Meter”

365: Suppress Last Line Room Info

When set the register will suppress the last line of the ROOM BALANCE text on the printer. This line is only sent to the computer when an OPEN ROOM report is requested. This option was made for the delivery system where they use the last line to store the Personal Information(like Credit Card#) which should not be printed to avoid abuse.

366: Direct Secret Salesperson Code Entry

When set it is possible to enter the Secret Salesperson code direct on the salesperson key.

367: Check First Order Time in Report

When set the register will check the FIRST ORDER TIME (When activated in the configuration) for a CLERK or SALESPERSON when an ALL CLERK or SALESPERSON report is taken. This can be used to make the reporting faster when a lot of CLERKS or SALESPERSONS are setup in the configuration with a lot of reporting information activated. The register will only check if the CLERK or SALESPERSON is used and skip the report when not used. When an INDIVIDUAL report is taken the register will still check all the totals

368: Reserved for KLIER project

Option reserved for the KLIER project.

369: Beep 2 to External KP

When set the register will send the DRAWER 2 OPEN PULSE command to the External Kitchen printers when the ticket is issued. When instead of a Drawer a special BEEPER is connected to the Drawer Port the printer will BEEP with every order. Note that it is not advised to set both 173 and 369 because the pulse command will slow down the printer even when nothing is connected.

370: SUBTOTAL before Taxes

When set the register prints the sales before taxes when ADDON type of tax is used. It uses General Text# 54

371: Auto Skip Network Register

When set and a network report is taken the register will automatically skip the register which are not responding. At the start of the report the register on which the report is taken will check which registers are online. The register numbers which are found are printed at the start of the report.

372: ORDERMAN Open Table List Request

When set the register will activate the OPEN TABLE request in the Orderman handheld (update database must be done in order to activate!!) and will respond with the Open Tables List when the Orderman does the request. Note that version 2.50 or newer must be installed in the Orderman System.

373: PLU# Key used for Repeat

When set the PLU# key will repeat the last entered PLU# when pressed without entry. Note that it will disable the PLU LIST function of the key.

374: Remove Trailing Spaces

When set the register will remove the trailing spaces from function texts and article descriptors. This can be useful when you have a narrow printer because trailing spaces can cause the printer to advance to the next line.

375: Reserved for Fiscal Systems

Reserved for special fiscal version.

376: Print EC on Copy Receipt

When set the register will print the items which were corrected using the EC function on the Copy Receipt and Network Printers.

377: Short PLU Line (Fiscal)

Print plu/department in short line: price and tax in one Line.

Used for special fiscal version.

378: Reserved for Fiscal Systems

Reserved for special fiscal version.

379: Display Delivery/Room Info

When set the register will display all information for the Delivery/Room so it is possible to check the programmed name.

380: Reserved for Fiscal Systems

Reserved for special fiscal version.

381: Display Rounded Subtotal

When the SUBTOTAL key is depressed the amount shown will be rounded. This can be used to display a rounded subtotal when rounding on tender function is used.

382: Drawer# 3 External

When set it is possible to connect 3 drawers to the register. The third drawer must be connected to the External Receipt Printer. When Drawer# 1 and Drawer# 2 are BOTH SET the register will use DRAWER# 3 which must be connected to the External Receipt printer. For Drawer# 1 or Drawer# 2 it will use the internal connectors.

383: Canadian MEV Device (Fiscal)

If this option set the Canadian MEV device is enabled.

384: Alfa Search Active

When set the register will allow an alfanumeric search in function menu's.

- When menu's are used (OPTION 195) the register will show an extra “ABC?” button on the menu which can be used to do an alfanumeric search within the menu. You must press the button to activate the QWERTY keyboard and then you can enter a string to filter the menu.

- When you have an external QWERTY keyboard connected you can enter the string and then press the menu function instead of entering the function number to start the search.

- When you have a NUMBER ENTRY function (keycode 256) you can activate the alfa keyboard by pressing the key without entry and when finished press the key again. The entered string is now in the entry buffer and you can press the menu function to start the search.

– - When the filter string is longer then 3 characters the register will look for the entered string in the complete function text. When the entered filter string is smaller then 4 characters the register will only check the start characters of the string.When set the register will activate the OPEN TABLE request in the Orderman handheld (update database must

– - The search is Case Sensitive!!

385: Not in use

Not in use.

386: BD Tax on Tax (Fiscal)

When set the special tax on tax (only tax1+tax2) calculation for bangladesh fiscal version.

387: Display Binary EJ by Clerk

When set the register will display only the transactions in the electronic journal for the selected clerk. In this way it is easier for the clerk to find his transactions when for example a copy receipt is needed. When in MANAGER mode (lock or clerk) it will still display all transactions.

388: Scancode Update in Transaction

When scancodes are used and new codes are created by computer during registration it could happen that a transaction which was on HOLD showed the wrong PLU names when recalled. When this option is set the register will:

* Store the scancode in the HOLD buffer so when recalled it will use the code instead of the index number to recall the PLU.

* When the PLU scancode is not found because it has been deleted it will always use the LAST department name.

* When the computer sends a PLU MERGE command when the register is in transaction it will be executed when the transaction if finalized.

* When a COPY receipt is made and the BINARY Electronic Journal is active (and the Receipt Copy Buffer is NOT active) the register will re-call the transaction from the electronic journal when the scancodes are stored are and a copy receipt is made.

389: PLU Inventory Inquiry

When SYSTEM OPTION 95 (New Price Key also for Inquiry) is set and OPTION 389 is also set the register will display the current inventory and the price when inventory is active in the PLU configuration and an inquiry is done.

390: PLU Inventory Warning

When set and PLU inventory with inventory minimum level is active in the PLU configuration the register will display a warning on the operator display when the article is sold and the inventory level is below minimum. Error Message# 69 is used as warning message.

391: Display Name+ Address for Accounts

When set the register will display info texts when the account text details are entered. These texts can be used to ask for name address etc. The system uses PROGRAMMING TEXTS which can only be changed using QPROG. PROGRAMMING TEXT #118 is used for LINE #1, #119 for LINE# 2, #120 for LINE# 3, #121 for LINE# 4, #122 for LINE# 5 and #123 for LINE# 6.

392: Store Proforma Table Invoice

When set the register will issue an Invoice Number and also store the Invoice in the Invoice Report when a Balance Invoice is made in Proforma mode.

393: No Z-Report with Open Rooms

When set it is not possible to take a Z-USER or System Report using the keyboard when a Room is still open. It is still possible to take a report by computer.

394: No Z-Report with Open Accounts

When set it is not possible to take a Z-USER or System Report using the keyboard when an Account is still open. It is still possible to take a report by computer.

395: Declaration Compulsory Amount Entry

When set it is compulsory to enter an amount when doing cash declaration. When not used you can enter zero as amount.

396: Always Issue Invoice#

When set the register will also issue an invoice# with a subtotal invoice and store it in the Invoice report when active.

397: FTP Passive Mode

When set the register tries to make a data connection in PASSIVE mode (PASV command) instead of using the ACTIVE mode (PORT command). In the PASSIVE mode the server determines which port is used for the data connection. When the active mode doesn't work the passive mode can be used which is handled better by most firewalls but note that not all servers support the passive mode.

398: FTP Port# Increment

When set the register will increment the port number used with every FTP session. The range is from 3029 to 65500.

399: Print weight LT

If set print weight unit "LT" insteadt of "lb or "kg".

400: USB Keyboard Scanner

When set the register will process the TAB key input from the USB scanner/keyboard as scanner input. This can be used when an USB scanner is connected which sends the barcode terminated with the TAB key.

When set the register will also accept the ENTER character as terminator sent by the scanner when the register is in RG or MG mode. Note that in program mode the scanner input is always handled as keyboard input because the ENTER key is a programming key.

401: PLU Department# 2 for Report Sorting

When set and the second department is activated in the PLU configuration the PLU report will be sorted to Department# 2 instead of Department# 1 when the option PLU by Department in the report is set.

402: Alfa Sorting Always Active

When set the register will always sort the function menu's/windows according to alfabet using the first letter of the name. The register will sort the menu's from 'A' to 'Z' followed by names starting with other characters (“!, @, # , 0, 1 ,2, etc) . When the Page Up key is pressed it will always restart with 'A'. You can also use SYSTEM OPTION 384 if you want to search for a specific name.

403: Clerk Report No Open Tables

When set it is not allowed for a clerk to take a report when still he has tables open.

404: Course Level Reset after Item

When set the selected course level is reset to ZERO after every item. When NOT SET the course level remains active until another is selected or the transaction is closed. See also SYSTEM PARAMETER 155 & 156.

405: Internal Printer Width minus one

When set the system will format the lines for the internal printer 1 character smaller. This can be useful when the paper doesn't have the correct width.

406: Print PLU GROUP unit in sales receipt

When set and in the PLU configuration the “Extra Group Selection” is activated this field can be used for specifying the quantity descriptor in sales receipt. Note that you must have a minimum of 5 GROUPS in the configuration else you can not program up to number 5! This value is ONLY Used for printing cash register reports and is not sent to the computer!

value 0 = General Text# 3 “Qty” (default Qty descriptor)

value 1 = General Text# 101 “KG”

value 2 = General Text# 102 “Gram”

value 3 = General Text# 103 “Liter”

value 4 = General Text# 104 “Ounce”

value 5 = General Text# 105 “Meter”

407: External AP701 Customer Display

When set the register assumes you have an external. AP701 Customer display connected and will sent some special commands to clear the separate fields.

408: Overwrite Price under Manager

When set the new function “ Overwrite Price” is under manager control.

409: Enable compulsory Z report (Fiscal)

If set then suppress compulsory Z report message after 2 days no Z report made. Used for fiscal version only.

410: Plu Name# 2 for External Devices

When set the register will use PLU Name# 2 for external Receipt, Journal, Customer Display and Handheld systems. PLU Name# 1 is only used for the internal display.

411: Always Update Balance Corrections

When set the register will also update the correction report when balance is reported at payment (OPTION 338, 339 or 340 set).

412: Only Master has balances

This option works in combination with SYSTEM PARAMETER 157, 158 and 159. When SET the balances are only stored in the register# as programmed in PARAMETER 157, 158 and 159. All other registers will read the balance contents from the master register when opened. Note that this can also be used to make a single or cluster of registers in a network. For example when you want a single register in a network you just program ist own register# as a Master MC#.

413: Texts on VFD customer display (only CR20)

If set then suppress texts on VFD customer display in Register Mode (CR20 VFD only).

c) - in department programming:

- Print2 option 7 - external Fiscal Printer

414: Internal Printer Left Margin +1

When set the system will format the lines for the internal printer 1 character smaller and add a space character on the left side. This can be useful when the paper doesn't have the correct width. It can be combined with OPTION 405.

415: Room/Delivery fixed Clerk

When set the register will only store the clerk who first opened the ROOM (or DELIVERY). The only way to change the CLERK is by using the TRANSFER clerk function. This can be used to assign a DELIVERY to a specific CLERK so you can take a ROOM by CLERK report to check which DELIVERIES are assigned to a CLERK.

416: KP Department Sorting

When set the register will sort the Kitchen Printertickets according to department.

417: Suppress Time on Invoice

When set the register will suppress the time on the balance invoices.

418: PLU# in Transaction Screen

When set the register will display the PLU# in front of the PLU name in the transaction screen. This makes it easier for the operator to use PLU numbers for additional orders. Note that when large PLU# are used the PLU text is only partially shown.

419: Balance Re-Activation on Last Register

When set and Balance Reactivation (OPTION 252 or 344) is active and used in a network the balance can only be re-activated on the register were it was paid. This can be used to so the re-activated and paid balance are always is in the same Electronic Journal. When the balance was paid on another register Error# 77 with on the first 2 position the register number on which the balance was paid.

420: Check All Coupon Action Tables

When set and an article is linked to a Special Action Table which has OPTION 2-5 (“Item# 1 Coupon Code”) set the register will automatically check ALL Action Tables which have OPTION 2-5 SET (and 1-8 & 2-2 NOT SET) for this item. This can be used when for example a COUPON CODE (or CUSTOMER CODE) can be used for more then 1 action. Scanning the COUPON CODE will then activate all action with that

421: No Display Computer Reports

When set all display output will be suppressed when a report is taken by computer.

422: Manager All open Balances

When set and OPTION 34 (“Clerk Fixed to Balance”) and OPTION 234 (“Only Open Balances in Window”) are also set the register will display all open balances when a manager clerk is active.

423: Accounts Closing (Italy)

When set then the erasing of customer accounts only with tender function 1 possible.

424: Item Separator Line on Receipt & Slip

When set the register will print an empty separator line AFTER each article on the receipt and slip printer.

425: Store Order Date on Table

• When set the register will store the date, time and amount for every order on a Table, Room or Account. Using the format “Wed 10-03-2010 17:00 10,00”. The date format depends on the date format used in the register. When the receipt printer prints less then 32 character the day of the week is not printed.

• When the OPTION 146, 147, 148 (“Don't Consolidate Table, Room, Account Buffer”) is also set every order is stored separately. When OPTION 146, 147, 148 is NOT set the register will print the Order Dates at the bottom of the invoice.

• When in the Table, Room, Account Configuration “Store Individual Items” is NOT SET but “Store Tax Itemizers” is SET the register will also store the Order dates so it is possible to only store the order totals with date.

• When a balance without Order Date is transferred to another balance type with Order Date the transferred amount with the date/time is stored on the receiving balance.

• In the Balance ITEM computer report the line with the Order Date has the ID code 68.

426: Store Order Date on Room

• When set the register will store the date, time and amount for every order on a Table, Room or Account. Using the format “Wed 10-03-2010 17:00 10,00”. The date format depends on the date format used in the register. When the receipt printer prints less then 32 character the day of the week is not printed.

• When the OPTION 146, 147, 148 (“Don't Consolidate Table, Room, Account Buffer”) is also set every order is stored separately. When OPTION 146, 147, 148 is NOT set the register will print the Order Dates at the bottom of the invoice.

• When in the Table, Room, Account Configuration “Store Individual Items” is NOT SET but “Store Tax Itemizers” is SET the register will also store the Order dates so it is possible to only store the order totals with date.

• When a balance without Order Date is transferred to another balance type with Order Date the transferred amount with the date/time is stored on the receiving balance.

• In the Balance ITEM computer report the line with the Order Date has the ID code 68.

427: Store Order Date on Account

• When set the register will store the date, time and amount for every order on a Table, Room or Account. Using the format “Wed 10-03-2010 17:00 10,00”. The date format depends on the date format used in the register. When the receipt printer prints less then 32 character the day of the week is not printed.

• When the OPTION 146, 147, 148 (“Don't Consolidate Table, Room, Account Buffer”) is also set every order is stored separately. When OPTION 146, 147, 148 is NOT set the register will print the Order Dates at the bottom of the invoice.

• When in the Table, Room, Account Configuration “Store Individual Items” is NOT SET but “Store Tax Itemizers” is SET the register will also store the Order dates so it is possible to only store the order totals with date.

• When a balance without Order Date is transferred to another balance type with Order Date the transferred amount with the date/time is stored on the receiving balance.

• In the Balance ITEM computer report the line with the Order Date has the ID code 68.

428: Activate Age Control

When set the register will ask for an AGE verification when an AGE controlled article is sold. See AGE CONTROL SPECIAL ITEMIZER. When OPTION 430 is NOT set the verification is done manually.

429: Print Direct Sales in Balance Functions.

When set the register will print "Direct Sale" (total sales minus table minus room minus account) at the end of the balance functions in a USER report. It requires that TOTAL SALES is also PART of the report an printed before the balance functions because the total has to be calculated using the TOTAL SALES. General Message# 51 is used for the text “Direct Sale”.

430: Check Age Control Web Server

When set and also 428 is set the register will sent an age request to the AGE server when an AGE controlled article is sold. It will poll the server every second until it receives a validated age. When the returned age is not valid it will not allow the sale of items which are age controlled. For more information’s look into the document age_control.pdf

431: TCP Printer PING Check

When set the register will check if the LAN TCP printer (port# 250 -- 255) is connected and switched on by sending a PING request. If used as Kitchen Printer and not connected or switched off the BACKUP KP will be used. Note that it will only check if the printer is connected and switched on when the printer runs out of paper print data is still sent until the internal buffers are full and the register will report a “Network” error.

432: PLU File in Fiscal Printer

This option works in combination with the QPRINT FM which can be activated in SYSTEM PARAMETER 122 (“Fiscal Printer Port”). When this option is SET the register will create and/or update the PLU file and PLU report

in the QPRINT FM when a PLU is registered. When NOT SET the register will always overwrite PLU# 1 in the QPRINT FM. In order to use it the QPRINT FM must be setup in the correct way.

- In the PLU configuration of the QPRINT FM it must be SET that the PLU has its own TAX status because the register will sent the TAX STATUS in the PLU Tax field. When not it will take the TAX status of the QPRINT FM department.

- It depends on the PLU configuration of the register how the PLU Configuration of the QPRINT FM must be set.

REGISTER USES FIXED PLU#

When the register uses FIXED PLU# the QPRINT FM can be set to FIXED PLU# or SCANCODES. When set to FIXED the number of PLU in the QPRINT FM should be the same or higher as in the register else not all PLU can be used. When set to SCANCODES the QPRINT FM creates the PLU using the FIXED number as code. When the PLU file is FULL ERROR# 39 (Plu File Full) is given and the PLU cannot be registered.

REGISTER USES SCANCODES

When the register uses SCANCODES the QPRINT FM should also be set to SCANCODES else only PLU with scancodes which equal the fixed PLU# can be registered. When the PLU file is FULL ERROR# 39 (Plu File Full) is given and the PLU cannot be registered.

- When only one QPRINT FM Configuration is allowed or preferred it is best to set the PLU configuration to SCANCODES so FIXED or SCANCODES can be used by the register without the need to change the QPRINT FM configuration.

- Because the PLU File is divided into a BASE and UPDATE file the register will automatically send the PLU MERGE Command (100) when USER REPORT# 1 is taken in Z-mode so the UPDATE file will not grow to large. A large update file will slow down the processing.

- When the register uses scancodes the PLU MERGE command is also sent to the QPRINT FM when it is done on the register (100 TYPE).

- It is only possible to reset the PLU file in the QPRINT FM by re-installing the application in the QPRINT FM itself.

433: Orderman Pause Function

When set the register will process PAUSE and CONTINUE messages send to and received from the Orderman Handheld XML Solution. Also see SET MENU with using Condiment Tables with PAUSE function (OPTION 1.5).

- You must install the XML Solution version 2.72 in your Orderman System. In the special Orderman manual for French Functions is explained how Set Menu's can be paused and continued.
- Because the Orderman XML solution can only work with PLU's for Set Menu's you must be sure to link all the modifiers used in the Set Menu Condiment Tables to a PLU number (Option 1.1 Set!) else they will not be shown and cannot be selected.
- Creating a SET Menu for Orderman

Create the SET MENU articles and link them to the SET MENU Condiment tables (with OPTION 1.5 set) and if needed OPTION 1.1 (“Compulsory Selection”). Note that for the Orderman Set Menu you MUST use PLU# in the Modifiers used in the condiment table.

Example:

PLU # 100 is used for a SET MENU with 3 selections from Condiment Table# 9, 10 and 11.
Reserve Modifier 51-55 for Condiment Table# 9
Reserve Modifier 56-60 for Condiment Table# 10
Reserve Modifier 61-65 for Condiment Table# 11
Program the Menu Name and price in PLU#100 and activate Condiment Selection 9, 10 and 11.
Program 4051, 4052 and 4053 in Condiment Table**#** 9 and call the table “Starters” and set OPTION 1.1 and 1.5.
Program 4056, 4057 and 4058 in Condiment Table# 10 and call the table “Main” set OPTION 1.1 and 1.5.
Program 4061, 4062 and 4063 in Condiment Table**#** 11 and call the table 'Dessert” set OPTION 1.1 and 1.5.
Program Starter#1 PLU# 51 in the Modifier# 51.
Program Starter#2 PLU# 52 in the Modifier# 52.
Program Starter#3 PLU# 53 in the Modifier# 53.

Program Main#1 PLU# 56 in the Modifier# 56.
Program Main#2 PLU# 57 in the Modifier# 57.
Program Main#3 PLU# 58 in the Modifier# 58.
Program Dessert#1 PLU# 61 in the Modifier# 61.
Program Dessert#2 PLU# 62 in the Modifier# 62.
Program Dessert#3 PLU# 63 in the Modifier# 63.

434: Skip Barcode ID

When set the register will check the first character of a barcode. When it is not a digit (0 – 9) it will be skipped. This can be used for scanners which send as the first character the barcode type or for the special German Pharmacy code.

435: Only round multiply and discount calculations

When SYSTEM OPTION 106 is NOT set and multiplication, division and discounts need rounding you can set this option. The rounding as programmed in PARAMETER 91 will be used.

436: Only Check Slip when Compulsory

When set the register will only check if a slip printer has paper or is online when it is compulsory. This can be used to suppress a LAN slip printer when a slip is only required on demand. For example when printing a BALANCE Invoice on a LAN Slip printer you can set the SLIP COMPULSORY option in the invoice function. It has been reported that a standard A4 LAN printer (HP P2015N will also work as a SLIP Printer when Printer type 21 is selected and no ESC codes are sent.

437: Instore Codes with No Check Digit

When set the register will accept Instore barcodes without a check digit. This can be activated when a scanner is used which doesn't sent the check digit and Instore codes are used. If not set the register will not recognize Instore codes when the scanner doesn't sent the Check Digit. Note that also when the Instore code is entered manually the check digit should not be entered.

438: CR20 always on

When set the register will never power of the CR20 automatically. This will decrease the running time of the CR20 with battery.

439: No Zero Sale Allowed

When set the register will not allow the operator to close a sale with a ZERO sales total on a TENDER function. A ZERO sale can only be closed by canceling it using a CANCEL function (Correction function with OPTION 1.1 and 1.2 set) or make an extra sale. ERROR MESSAGE# 82 (“No Zero Sale Allowed”) is given when you try to close a zero sale.

440: DEPT# Key used for Repeat

When set the DEPT# key will repeat the last entered DEPT# when pressed without entry.

441: No Register# on Receipt and KP

When set the register will not print the register and location number on receipt and KP tickets. They are only printed on reports when active.

442: Don't Store Price Level on Balance

When set the register will not store the used price level in the prices stored in balance items. This can be used when items with a different price level but the same price must be consolidated on the balance invoice

443: KP +1 only for HandHeld

When set the register will only add 1 to the activated Kitchen Printer(s) when the order was made using a HandHeld and the clerk using the HandHeld has CLERK OPTION 2.4 (Use KP +1) SET. This can be used when the normal KP should be used when the clerk enters the order on the register.

444: Print 4 Digit Order Number

When this option is set in NON-FISCAL versions the register will print an extra line with the ORDER NUMBER. This can be used in to identify an order in a fast food environment.

- The register will create the Order Counter from the Register# and last 4 digits of the receipt number and use GENERAL TEXT# 110.
- The ORDER NUMBER is printed on the bottom of the receipt and kitchen tickets.
- The FONT for the receipt is fixed to FONT 'A' DOUBLE WIDTH and HEIGHT and for the KP tickets the FONT as programmed in SYSTEM PARAMETER 68 ("KP Balance Number Font") is used.
- If you need a 2 Digit Order Number you can set SYSTEM OPTION 316.

445: KP 1, 2, 3 & 4 used for Sorting

When set KP 1, 2, 3 & 4 options are used for sorting and all items are printed on ticket on KP 1. This can be used when only one KP ticket is needed and it should for example be sorted to STARTERS, MAIN and DESSERTS. The parameters for KP 2, 3 & 4 are only used for BACKUP KP printers when this option is set.

446: P 1, 2, 3 & 4 in Modifier Function used for Condiment Table Kitchen Printing

When set KP 1, 2, 3 & 4 options in the modifier function are used for printing condiment items on a selected kitchen printer when the ITEM used to open the condiment table has NO KP selection. This can be used to print the condiment items on different kitchen printers. When not set the condiment items are printed on the kitchen printer of the ITEM used to open the condiment table when no KP are programmed. Note that when condiment tables are used for menu selection you can print the menu items on different KP's

447: External QUORiON CD203B 2024LW LCD Customer Display

When set the register assumes you have an external 2024LW LCD Customer display connected and will convert the characters for the Internal Character Table. This display has a fixed internal character set which is not Epson Compatible. By default the conversion is done for the Western Europa character set. When SYSTEM PARAMETER 58 is set to 106 the conversion is done for the GREEK character set. When the register uses the Central Europa character set you should set SYSTEM OPTION 136 so the characters are converted to standard ASCII.

448: ONE Balance Subtotal Invoice

When set only ONE Balance Subtotal Invoice can be printed.

- When an invoice is already printed the register will give ERROR# 30 when you try to print it again.
- Only a MANAGER can re-print a Balance Subtotal Invoice.
- Once a Balance Subtotal Invoice has been printed an Invoice can only be printed by closing on a tender function.

449: Update Report at Tender

When set the sales is not reported when ordering but at the moment of tender.

- When used in combination with FLOATING CLERK INTERRUPT the sales is reported on the register where the transaction is paid.
- It can also be used in combination with SYSTEM OPTION 96 (Balance at end of Transaction) and OPTION 338, 339 or 340 to store orders on a balance which should not be in the report when they are not paid on the register.

450: Compulsory Card

This OPTION only works with CARD terminals type 52, 54, 55 and 56 for the Dutch market! When set it is COMPULSORY to insert a card in a CLOSED CARD system at the start of a transaction. When NO CARD or an INVALID CARD is inserted the register will give ERROR# 83 "Invalid or No Card". When the CARD TABLE (see

card_table.pdf) is also active it is possible to select a Price Level and/or Salesperson at the start of the transaction.

451: Store Receipt# with Order

When SYSTEM OPTION 425, 426 or 427 (Store Order Date on Table, Room or Account) is set and also OPTION 451 is set the the register will store the date, time and receipt# for every order on a Table, Room or Account. Using the format “Wed 10-03-2010 17:00 #000001”. The date format depends on the date format used in the register and the receipt# format depends on SYSTEM OPTION 111 and 305. When the receipt printer prints less then 32 character the day of the week is not printed. See also OPTION 425, 426 and 427.

452: Table Name on Table MAP

When set and the table name is active in the configuration the register will display the first line of the table name on the table map instead of the clerk name who opened the table.

453: Round Quantity to max 5 decimals

When set and the table name is active in the configuration the register will display the first line of the table name on the table map instead of the clerk name who opened the table.

454: Round Subtotal Invoice

When set the register will round quantities to maximum 5 decimals instead of 3 decimals when decimal quantity entry is used. Note that you must reserve enough space for the quantity field in the Report Totalizer Size configuration. When set to 8 maximum 123.45678 can be stored. When set to small the register will give Invalid Entry because the quantity cannot be stored.

455: Receipt with Balance Correction.

Whenn set the register will automatically issue a receipt when a VOID or REFUND was done on a balance and the orders were not printed on the receipt printer. When Endorsement Message# 4 is active it is also printed on the receipt so a message can be attached.

456: Age Control at Payment

When this option is set the register will do the age check at payment and not when the article is registered.

457: Graphic Logo Slip Only

When set the register will only print the graphic logo on the SLIP printer when the SLIP and RECEIPT printer are the same physical printer. This can be used to print a graphic logo on table invoices printed on the slip printer and suppress it on direct sales receipts.

458: Room Text used for Address Entry

When set the register will automatically clear the Room text lines when a Room balance is openend for the first time. When it is needed to print the customers name and address on the invoice it can be entered using the new balance function.

459: No Average Cover Print

When set the register will not calculate the average cover amount for the cover function in the balance function report.

460: Weight Confirmation

When set and a scale is used the register will display the weight and total price on the Operator and Customer Display and will wait for a confirmation when a scalable item is sold. While waiting it will update the weight and display every second so the operator can change the weight on the scale and when it is correct confirm. Confirmation is done by pressing the X (Multiply) key without entry, the register will then register the article. Any other key or changing the lock will abort the procedure and the article is not registered.

461: Toggle PLU Name 2 in Menu

When set and MENU Buttons (OPTION 195 SET) are used and the second caption for the PLU is active in the configuration it is possible to toggle between the PLU names shown on the MENU buttons.

- When a MENU is opened which shows PLU names and the MENU TITLE is pressed/touched the register will redraw the same MENU and show the second PLU name when programmed.
- When the second is name is shown the register will put the '*' character in front of the MENU TITLE.
- When the second name is empty the first name is shown.
- The MENU is always openend with the first name and you can toggle between the first and second name by pressing the MENU TITLE.

462: "Weight Comparison No MGR Control"

When SYSTEM PARAMETER 177 (Instore Code Weight Check) is activated and the WEIGHT ITEM is under MANAGER control the register will not check for a manager when the weight code is scanned or entered on the PLU key. The manager control is only active when the item is sold as a normal weigth item requesting the weigth from the scale.

463: Consolidate Inventory in Network

When set and PLU inventory is used in a network the register will consolidate the inventory in the register on which the Inventory Network report is taken. This means that the inventory in the other register is reset to zero and the total inventory is stored in the reporting register.

Example:

Register# 1 PLU#1 inventory set to 30.
Register# 2 PLU#1 inventory set to -5.
Register# 3 PLU#1 inventory set to -10.

After a PLU inventory network report on register #1 the inventory will be:

Register# 1 PLU#1 inventory set to 15.
Register# 2 PLU#1 inventory set to 0.
Register# 3 PLU#1 inventory set to 0.

464: Reserved

Reserved

465: Active Clerk in Table Menu

When set the register will display the active clerk for an open table in the table menu. When the table is not open the table name is displayed. This can be used when no table map is used and the clerk should be shown.

466: Show All Rooms and Accounts

When OPTION 234 (Only Open Balances in Window) is set and you still want to show all Rooms and Accounts this option can be set.

467: Balance Text on KP Large Font

When set and the balance text lines are printed on the KP they are printed in FONT A, Double Size & Width when there is no font programmed in the line itself.

468: Suppress Total with Line Find

When SET and also OPTION 160 (Balance Auto Line Find) is SET the register will suppress the Order Total print on the Slipprinter. When also OPTION 161 (Suppress Info Print) is set the register will feed the paper and only print the entered items on the Slip. When the balance is paid the register will also print the VAT details for the balance and the other currency information when OPTION 9-16 is set.

469: Reserved

Reserved

470: Price Level Weight with 1 Decimal

When set and also OPTION 296 (“Price Level by Weight”) is set the programmed weights/quantities are with 1 instead of 3 decimals so the maximum can be 6553.5 instead of 65.535. This could be useful when normal quantities are used which are enterd instead of weights from a scale. When you program a value of 1 in SYSTEM PARAMETER 92 and 0 in PARAMETER 93 the register will select the price level for all articles which are marked scalable and the quantity is entered.

471: Print Subtotal with Balance %-Discount

When set and als OPTION 131 (“Subtotal Discount only allowed once”) is set the register will store the discount subtotal amount for percentage discounts and print the subtotal on the balance invoice.

472: Store Internal SD E-Journal

When set and an electronic journal is active the register will automatically store the E-Journal on the internal SD card. The E-Journal as set in the configuration is used as a cache and doesn't need to be so big because the system will read from the internal E-Journal and write it to internal SD card automatically. When reading from the E-Journal the register will read from the E-Journal stored on the SD card.

473: Internal Printer Type# 2 fixed to 56mm

When set the register will format for 56mm (27char/line) for the Internal Printer. This option can be used when you want to use an internal printer on an another register which has automatic detection of the internal printer width.

474: Alfa Sort only PLU, DEPT, MODI & WLU

When set and OPTION 402 is also set then the automatic alfa sorting is only active on PLU, Department, Modifier and Window Lookup windows.

475: Only Table Start Time.

When set and the time is stored on a table the register will ONLY store the time when the table is first opened and will not update the time when additional orders are done. In this way it is possible to see how long a customer is occupying a table.

476: Print Department Name on Invoice

When set and OPTION 33 is NOT set the Department Name is printed on the Balance Invoice when OPTION 146, 147 and 148 are NOT set for that balance.

477: Display Error Code

When set the register will display the Error Number in front of the error text. When OPTION 321 is also set the Error Code is displayed in the Window Title instead. It will be displayed as “EXX-” where XX stands for the Error Number (Example: “E01-Invalid Entry”). When the error code is larger then 99 the 'E' will be skipped.

478: Resverved

Reserved

479: Alfa Search Not Case Senitive

When set the Alfa search in lists is not case sensitive.

480: Store Receipt On/Off Status

When set the register will store the Receipt On/Off status in the Electronic Journal. There will be a '-' (minus) after the receipt number when the receipt was off.

481: Store Receipt On/Off Status

See “Loyalty.pdf”.

482: Remove Subtotal Discount with Balance Re-Activation.

When set and a balance is re-activated on which a SUBTOTAL discount was given the discount will be removed when the balance is re-activated.

- You can give another discount when you close the balance after re-activation and then re-open it for the new discount.
- The discount will be removed from the report and will update correction# 1 report (Error Correction).

483: Print "oz" instead of "kg"

When set the register will print "oz" instead of "kg" on the line which is printed when OPTION 1-6 in the department is set. Note that OPTION 133 must be OFF else "lb" is printed.

484: Block During Computer Report

When set the register will display General Message# 40 ("One Moment Please") if a computer report is taken. When entry or scanning is done when the message is displayed it will result in Error# 1 ("Invalid Entry") or Error# 12 ("Scanning Error"). This option can be used when it is allowed to take X-report.

485: Activate GDPdU Report

When set the GDPdU report will be shown in the report menu and can be taken as report 108 as User Report. The report will write the Binary Electronic Journal to a USB stick or SD card on models without USB connection. Note that report# 108 cannot be taken when this option is not set. The report will be written in a file called "E_Journal.csv" in directory called "/gdpdu/yymmdd/X/" for an X report and "/gdpdu/yymmdd/Z/" for a Z report. When the directory already exists it will create an additional directory "X_n" where n starts from '1'. In addition to the file "E_Journal.csv" the system will also write the "index.xml" and "gdpdu-01-09-2004.dtd" files when present. (See "GDPdU.pdf")

.Time Zones

Editing the Time Zone start times depending on the configuration there are maximum 48 time zones. The time must be entered using the 24 hour clock and the format is "hhmm" where "hh" are the hours and "mm" are the minutes (1300 is 13:00 or 1:00 PM).

LEVEL#:

When PLU Price levels are used it is possible to select automatically a (base) pricelevel according to the current time zone. At the start of a transaction the register will read the clock and select the pricelevel as programmed for this time zone (programmed time is start time for the level!). Note that this overrules a selection made by keyboard only SHIFT ON SHIFT will still work. When a value of ZERO is programmed the register will NOT change the pricelevel. When selecting the level by default TIME ZONES have the highest priority followed by DAY OF THE WEEK ZONES, DAY OF THE MONTH ZONES and DATE TO DATE ZONES. So when there is NO LEVEL programmed for a specific ZONE the register will check the next ZONE level. When OPTION 132 is SET then DATE TO DATE zones have the highest priority so the TIME ZONE is only checked when all higher ZONES don't select a price level.

Day of the Week Zones

Editing the Day of the Week Zone start days. You must enter the day of the week number were 1 stands for Monday, 2 for Tuesday etc. (see also SYSTEM PARAMETER 110).

LEVEL#:

When PLU Price levels are used it is possible to select automatically a (base) pricelevel according to the current day of the week zone. At the start of a transaction the register will read the clock and select the pricelevel as programmed for this day of the week zone (programmed day of the week is start day for the level!). Note that this overrules a selection made by keyboard only SHIFT ON SHIFT will still work. When

a value of ZERO is programmed the register will NOT change the pricelevel. When selecting the level DAY OF THE WEEK ZONES have priority after (or when OPTION 132 before) the TIME ZONE. This means that when TIME ZONES (or DAY of the MONTH ZONES when OPTION 132 is set) don't select a level the register will select the DAY OF THE WEEK level if programmed.

Day of the Month Zones

Editing the Day of the Month start days. You must enter the day of the month number which start at 1 and maximum is 31 (see also SYSTEM PARAMETER 110).

LEVEL#:

When PLU Price levels are used it is possible to select automatically a (base) pricelevel according to the current day of the month zone. At the start of a transaction the register will read the clock and select the pricelevel as programmed for this day of the month zone (programmed day of the month is start day for the level!). Note that this overrules a selection made by keyboard only SHIFT ON SHIFT will still work. When a value of ZERO is programmed the register will NOT change the pricelevel. When selecting the level DAY OF THE MONTH ZONES have priority after (or when OPTION 132 before) the DAY OF THE WEEK ZONES. This means that when the previous ZONES don't select a level the register will select the DAY OF THE MONTH level if programmed.

Date to Date Zones

Editing the Date Zones start dates. You must enter the start date as "ddmm" where "dd" is the day of the month and "mm" is the month number (1903 is 19th of march) (see also SYSTEM PARAMETER 110).

LEVEL#:

When PLU Price levels are used it is possible to select automatically a (base) pricelevel according to the current date zone. At the start of a transaction the register will read the clock and select the pricelevel as programmed for this date zone (programmed date is start date for the level!). Note that this overrules a selection made by keyboard only SHIFT ON SHIFT will still work. When a value of ZERO is programmed the register will NOT change the pricelevel. When selecting the level DATE ZONES have the lowest (or when OPTION 132 is set the HIGHEST) priority. This means that when the previous ZONES don't select a level the register will select the DATE ZONE level if programmed or when OPTION 132 is set always select the programmed level.

Receipt Header

Editing the receipt header. The receipt header can have a maximum of 9 lines of each 40 characters. The number of lines can be changed by the text lines list box. When a longer name then allowed is entered only the programmed length is stored. On the most right side of each line you can select the FONT (1-8) for this line. See "FILE -> PRINT OPTIONS" for more details on the available fonts.

NOTE:

The cash register will automatically center each line of the receipt header before printing. When you don't want to center a line you must fill it up with spaces.

Receipt Trailer

Editing the receipt trailer. The receipt trailer can have a maximum of 9 lines of each 40 characters. The number of lines can be changed by the text lines list box. When a longer name then allowed is entered only the programmed length is stored. On the most right side of each line you can select the FONT (1-8) for this line. See "FILE -> PRINT OPTIONS" for more details on the available fonts.

NOTE:

The cash register will automatically center each line of the receipt trailer before printing. When you don't want to center a line you must fill it up with spaces.

Graphic Header Logo

Selecting the graphic logo for the header of the receipt. You can select and load a graphic logo in the application program. The size of the logo is fixed and setup in the configuration menu. The file format of the logo must be a monochrome bitmap and the program will automatically adjust the size of the selected logo.

Graphic Bottom Logo

Selecting the graphic logo for the bottom of the receipt. You can select and load a graphic logo in the application program. The size of the logo is fixed and setup in the configuration menu. The file format of the logo must be a monochrome bitmap and the program will automatically adjust the size of the selected logo.

Graphic Screen Logo

Selecting the graphic logo for the screen which is shown on the screen when the register goes into idle mode. You can select and load a graphic logo in the application program. The size of the logo is fixed and setup in the configuration menu. The file format of the logo must be a monochrome bitmap and the program will automatically adjust the size of the selected logo.

Slip Header

Editing the slip header. The slip header can have a maximum of 9 lines of each 40 characters. The number of lines can be changed by the text lines list box. When a longer name then allowed is entered only the programmed length is stored. On the most right side of each line you can select the FONT (1-8) for this line. See “FILE -> PRINT OPTIONS” for more details on the available fonts.

NOTE:

The cash register will automatically center each line of the slip header before printing. When you don’t want to center a line you must fill it up with spaces.

Slip Trailer

Editing the slip trailer. The slip trailer can have a maximum of 9 lines of each 40 characters. The number of lines can be changed by the text lines list box. When a longer name then allowed is entered only the programmed length is stored. On the most right side of each line you can select the FONT (1-8) for this line. See “FILE -> PRINT OPTIONS” for more details on the available fonts.

NOTE:

The cash register will automatically center each line of the slip trailer before printing. When you don’t want to center a line you must fill it up with spaces.

Tare Table

In this table 10 predefined tare weights can be programmed which can be selected using a key. The selected tare weight is deducted from the weight received from a scale when an item is scalable and the option compulsory tare is set in other cases error# 1 (Invalid Entry) is given when a tare is selected. The price is calculated using the NET weight (Gross minusTare). The weight is fixed to 3 decimals and is entered in grams.

Fixed Texts

Changing the fixed texts in the application program. These texts are fixed so it is not required to change them for every application program once they are translated into the local language. When in the configuration menu the “Store as Default” option is selected these texts are also stored and are used when a “NEW” application program is generated.

General Texts

This table contains general texts like SUBTOTAL, QUANTITY, LOCK POSITIONS etc. which are used for printing and displaying information on the receipts and display. There are maximum 128 messages with a maximum length of 16 characters.

Error Messages

This table contains error messages like “INVALID ENTRY”, “SELECT CLERK” etc. which are used to signal operating errors or general error conditions. There are maximum 128 messages with a maximum length of 25 characters.

General Messages

This table contains general and status messages like “NEXT PLEASE”, “CLEARING MEMORY” etc. which are used to inform about the current status and/or guide the operator. There are maximum 128 messages with a maximum length of 25 characters.

Day of the Week Names

This table contains the names of the days of the week. There are maximum 7 days with a maximum length of 13 characters.

Month Names

This table contains the names of the months of the year. There are maximum 12 months with a maximum length of 13 characters.

Programming Texts

This table contains the names of the programming menu and options which are printed and shown on the register during programming using the keyboard. There are maximum 128 texts with a maximum length of 8 characters.

Chapter 7

Keyboard

This chapter describes in detail the options in the Keyboard Menu.

Keytable Screen

In this part of the screen the key table is shown. The size and appearance of the key table depend on the selected keyboard type. When you want to program or change the function of the key you must click on the key with your mouse or select the key number in the key info filed. On the right bottom side of the screen the KEY INFO field is shown with the current function of the key.

Keyboard Number

When in Keyboard File configuration is specified that there are multiple keyboards available you can select the keyboard you are programming and also change the name of the keyboard.

Keyboard Type

You can select the type of keyboard. It depends on the hardware of the register you are programming. It is possible to select:

Standard 64 keys
Standard 104 keys
Flat 128 keys
Flat 156 keys
Qtouch 56 keys
Qtouch 56 graphic
Concerto Touch 44 (64K Colors)
Concerto Touch 56 (64K Colors)
Standard 40 keys
Touch 79 (64K Colors)
Touch 94 (64K Colors)
36 Keys – CR20
104 Keys horizontal
117 Keys horizontal

When you select a different type of keyboard the screen will be updated according to the selected keyboard. When you have a 156 Flat keyboard and more then ONE level don't forget to set LARGE KEYBOARDS in the Keyboard Level Configuration.

When a 64K color type of keyboard is selected it is possible to use bitmaps with 64K colors when the option "64K Color Key Bitmaps" is marked. Qprog will automatically convert between 64K and 256 colors depending on the type of keyboard selected. Note that the conversion from 64K to 256 is irreversible!

Edit Properties

When you select this button you are able to change appearance of the keys by changing the font, colors or display a bitmap. It is also possible to save or load a keyboard. This menu can also be opened by pressing on the right mouse button.

Default Text

When selected this key will display the default function text which is programmed in the application.

User Defined Text

When slected this key displays a user defined text.

Bitmap

When selected this key displays a bitmap.

Notes Qtouch:
On the "QTouch 56 keys" it is not possible to display bitmaps you need to select "Qtouch 56 Graphic Keys" if required and be sure your Qtouch supports this keyboard type. The bitmaps displayed have a fixed format of 256 colors. The size for the small keys is 69 x 53 pixels and the large keys 91 x 53 pixels. From release 1.60 and newer it is possible to use 64K color bitmaps for the Concerto and Qtouch-2 when the option "64K Color Key Bitmaps" is marked.

Clear

When selected the key is cleared.

Background Color

When selected you can change the background color of the key. Note that for the Qtouch keyboard there is a fixed 256 color table.

Font Type

When selected you can change the text color and font of the key. Note that for the Qtouch keyboard there is a fixed 256 color table and that you can only change the size of the font.

Alpha Key Bold

When set the programming and alpha key function is printed in **BOLD**.

Select All

When selected all keys will be selected so it is possible to change all keys at once.

Fill Range

When selected Qprog will fill the selected range with the following functions of the first key in the selection.

Reset to Default

When selected Qprog will reset the select key to the Default Text.

Load From Keyfile

When selected you can load a predefined keyboard you save ealier.

Save to Keyfile

When selected you can store the current keyboard.

Print Keyboard

It is possible to print a copy of the keyboard so you can use it for the cash register. The size of the printed keyboard is automatically adapted to the selected keyboard type.

Key Info

In this part of the screen the function of the selected key is shown and you can change the function of the key by directly entering the key code in the key code field or by selecting the key type and then select the function by number or name. When a key function is programmed which doesn't exist or which is not active in the configuration of the application program QPROG will give an error.

Key Number

In this field the number of the selected key is shown. It can also be used to go directly to a key by selecting the key number.

Key Code

In this field the key code of the selected key is shown. It can also be used change the function of the key by entering the key code directly. The following key codes are available:

KEYCODE	*KEY FUNCTION*
1	Clear (CLR)
2	Multiply (X)
6	Double Zero (00)
7	Triple Zero (000)
15	Receipt Feed (RPF)
16	Journal Feed (JPF)
17	Receipt On/Off (RON)
21	Line Up (UP)
22	Line Down (DOWN)
25	NEW PRICE
26	PAGE UP
27	PAGE DOWN
28	Subtotal (SUB)
29	Decimal Point (.)
30	Keyboard Shift
31	Proforma Invoice
48 - 57	Numeric keys (0 – 9)
256	Number Entry
257	Transaction HOLD Function
258	SCALE function
259	VALIDATION Function
260	Keyboard Level#
261 – 268	Fixed Keyboard Level1 - 8
269	Price Shift On Shift#
270 – 272	Price Shift On Shift1 - 3
273	Non-Taxable Subtotal
274	Kitchen Printer GROUP function
275	Tax Shift#
276 – 279	Tax Shift1 – 4
280	Seat# Key
282	Tare#
283 – 292	Tare 1 to 10
293	Fiscal Invoice
294	Sign On
295	Sign Off
296	Time In
297	Time Out
298	Overwrite Price

299	Next Course
300, 3XX	Price Level# , Fixed Price Level
400, 4XX	Transaction type#, Fixed Transaction Type
600, 6XX	Menu#, Fixed Menu Key
700, 7XX	Tender#, Fixed Tender function
800, 8XX	Drawer#, Fixed Drawer function
900, 9XX	PoRa#, Fixed Paid Out Received on Account function
1000, 10XX	Discount#, Fixed Discount function
1100, 11XX	Correction#, Fixed Correction function
1200, 12XX	Currency#, Fixed Currency function
1300, 13XX	Balance Function#, Fixed Balance function
1400, 14XX	Condiment Table#, Fixed Condiment table
1500, 15XX	Macro#, Fixed Macro function
1600, 16XX	WLU#, Fixed Window Lookup function
17XX	Fixed User Report
2000, 2XXX	Clerk#, Fixed Clerk
3000, 3XXX	Salesperson#, Fixed Salesperson
4000, 4XXX	Modifier#, Fixed Modifier
5000, 5XXX	Department#, Fixed Department
10000, 1XXXX	PLU# , Fixed PLU key code

Key Type

In this field the type of the selected key is shown. You can change the function of the key by selecting another type.

PLU Code#

When you are using scan codes for articles this field is shown when the key is an fixed article key. When you want to change the article on the key you must enter the scan code in this field.

Function Number

In this field the function number (record number) of the selected key is shown. You can change the function by selecting another number.

NOTE:

This field is not shown when the type of key is a fixed function or when the type is PLU and scan codes are used.

Function Text

In this field the name or text of the selected function is show. You can change the function number by selecting another function.

System Key

When the central lock of the register is not in Registration (R) or Manager (P) mode the system keyboard is active. This keyboard is used for programming and reporting. When you select as System Key the ASCII type an additional field is shown in which you can program the ASCII character by typing the required character. Note that you must program the upper case character because the CAPS key will change the character to lower case. In addition to the ASCII key the following System Keys are available:

SYSTEM KEY	*FUNCTION*
CR	ENTER and User Report Key
SYS	System Report Key
TIME	New Time Key
DATE	New Date Key
TYPE	Program Type Key
DUMP	Program Dump Key
CAPS	Caps Lock Key
BSPACE	Back Space Key
HEX	Hex Entry key
UP	Line Up Key
DOWN	Line Down Key

PAGE UP	Page Up Key
PAGE DOWN	Page Down Key

Chapter 8

Reporting

This chapter describes in detail the options in the Reporting Menu. It is possible to get, view or delete a User Report.

Get Report

REPORT
Select the User Report Number you want take from the register. The maximum number is 102. Default the report is taken in X-mode when you want to take it in Z-mode you must select 'Z'.

CLERK
When the User Report you want to take is programmed as a single clerk report it is possible to select a specific clerk. Default it is set to Clerk 1. When taking a normal report you can leave it set to Clerk 1.

SALESPERSON
When the User Report you want to take is programmed as a single salesperson report it is possible to select a specific salesperson. Default it is set to Salesperson 1. When taking a normal report you can leave it set to Salesperson 1.

CLOSE OPEN TRANSACTION
When this check-box is marked an open transaction on the register is automatically closed else an open transaction will generate an error message.

NOTE:
When a report is taken the "View Report" screen is automatically displayed.

View Report

Selecting this option will allow you to select a report file and view, delete or print it. When printing the file the page is automatically set to landscape when the report contains more then 7 columns. On the top of the page it will print the Report Name, Receipt Header Line# 2 (if programmed) and Time & Date which it received from the register.

View Store Report

Selecting this option will allow you to select a store report file and view or print it.

Delete Report

Selecting this option will allow you to select a report file and delete it.

Store Management

Selecting this option will allow you to update the store inventory. This option is must be activate by selection the store management option in the configuration of the PLU file. The inventory in the cash register therefore no longer serves any purpose.

Chapter 9

Communication

This chapter describes in detail the options in the Settings Menu.

Dial

This menu option allows you to make a connection to a remote cash register using a modem. You are asked to enter the phone number and QPROG will try to make the connection. Note that when a connection is already active it will ask you if you want to hang up first also when a connection is active and QPROG is closed the register will automatically disconnect. QPROG will automatically remember the last entered phone number.

Hang Up

This menu option allows you to sent a HANG UP command to the connected modem. Note that QPROG will ALWAYS sent the hangup command also when there is no connection. When a connection is active and QPROG is closed the register will automatically disconnect.

Backup Register Memory

This menu option allows you to backup the memory of a register. Note that the CONFIGURATION is part of the backup so it is not possible to backup, change the configuration and then restore the memory. The WORKING memory which holds the current transaction is NOT saved/restored. The function is intended to be used to make a backup during service or when a register is exchanged. The backup is stored in a file called “backup.QBU”. When a backup of a Qtouch is made the keyboard text and colors are stored in a seperate file “backup.QB0” and the keyboard bitmaps in a seperate file “backup.QB1”

Restore Register Memory

This menu option allows you to restore the memory of a register. Note that the CONFIGURATION is part of the backup so it is not possible to backup, change the configuration and then restore the memory. The WORKING memory which holds the current transaction is NOT saved/restored. The function is intended to be used to restore a backup during service or when a register is exchanged.

Settings

This menu option allows you to set various communication parameters and options..

Com Port

Select the Computer COM port which is used to communicate with the cash register. Don't forget to (re-) connect the cable to correct port when changing this port number.

NOTE:
This the port number ON the COMPUTER and not the port number on the cash register. The port number on the cash register is programmed in SYSTEM PARAMETER 001.

Baud Rate

Select the baud rate you want to use for communication with the cash register. The baud rate must be the same as programmed in the cash register SERIAL PORT SYSTEM PARAMETER (002-007) which is used for computer communication.

LAN Ethernet Connection

When marked QPROG wil try to communicate with the Cash Register using Ethernet. Note that you must program the IP (base) address in the connected register and that it must support Ethernet Connection. When you connect to a Cash Register Network you must program the SAME IP BASE ADDRESS in all registers belonging to the same Network and activate the NETWORK CONNECTION option in the SETTINGS of QPROG. QPROG will add the REGISTER# to the programmed IP BASE ADDRESS to address the requested register.
Please check "QMP LAN.DOC" for more information on using the Ethernet connection.

WAN Ethernet Connection

When marked QPROG wil try to communicate with the Cash Register using Ethernet and the STATIC IP or DNS address as programmed in the IP configuration. Please check "QMP LAN.DOC" and our WAN tutorial for more information on using the WAN Ethernet connection.

Direct Connection

This menu option indicates that there is a direct connection. When this option is marked QPROG will communicate directly with the connected register. You can select it by clicking on this menu option. Note that the records used during direct communication are different from network connection. The register should always respond to this type of connection.

Network Connection

This menu option indicates that there is a network connection. When this option is marked QPROG will communicate with a register in the network. You can select it by clicking on this menu option. QProg will ask you for the register number before communication is started. Note that the records used during network communication are different from a direct connection. When the selected register or the register to which the computer is connected doesn't have the network active there will be no communication.

Modem Init String

In order to be sure the modem is setup in the correct way you can specify a command string QPROG should send to the modem before making the connection. The modem connected to the computer should be setup as follows:

- Respond to commands (ATQ0)
- Answer with message strings (ATV1)
- Result Strings (ATX4)
- Don't echo commands (ATE0)
- Drop line when DTR drops (AT&D2)

In most cases the init string : AT&FE0Q0V1&D2 will be ok.

CASH REGISTER PARAMETERS

The modem which is connected to the cash register should be programmed so it doesn't send any data to the register unless there is a connection. The modem should be programmed with the following parameters

- Don't respond to commands (ATQ1)
- Don't echo commands (ATE0)
- Pick up line after 'x' rings (ATS0=x)
- Save configuration (AT&W)

In most cases the init string : AT&FE0Q1S0=1&W will be ok. Configuring of the modem can be done using HYPERTERMINAL in MS-Windows or by using a special command file with QDRIVER (see QDRIVER documentation). After programming the modem it should be powered off/on to check if the configuration is stored correctly.

Report Format

With this option you can specify how QPROG should store the received reports. Default it is stored in CSV format but it is also possible to store it in BINARY or in BOTH formats (in separate files).

Time and Date

When this option is marked QPROG will automatically sent the computer Time and Date to the cash register after every communication command. This makes sure that the register and the computer have the same time and date.

Dial Prompting

When this option is marked QPROG will automatically prompt for a connection when there is no connection and communication with the cash register is started.

Inventory Only in Register# 1

When using PLU inventory in a NETWORK and this option is marked QPROG will sent the new inventory only to Register# 1 and a ZERO inventory to all the registers in the network. Note that the Inventory sent will ALWAYS overwrite the Inventory in the register so care must be taken when maintaining inventory in the register and using QPROG at the same time.

Thai Font

When this option is marked QPROG will use a Windows font with Thai characters instead of the default font. This is only used in Thailand so the correct characters are displayed and printed.

Chapter 10

Help

This chapter describes in detail the options in the Help Menu.

Contents

Selecting this option will display the main HELP INDEX screen which will show you the help divided into chapters. Each chapter explains an option in the MAIN MENU. It is also possible to get online help in the program by pressing the HELP button or the F1-key.

Each CHAPTER is divided into SECTIONS and a SECTION can be divided into ITEMS. When you select a chapter the next screen will show the available sections. When you select a section the next screen will show the available items if applicable or the help on the selected section. The help system is divided into CHAPTERS, SECTION and ITEMS.

INDEX BUTTON
When selecting this button the help system will go back to the main help index.

FIND BUTTON
It is possible to look for a specific string in the help text which is shown on the screen. After pressing this button you will be asked to enter the string you want the search for. Note that this option is only active when there is a help text shown on the screen.

PRINT BUTTON
It is possible to print the contents of the help screen which is currently on the screen. Note that this option is only active when there is a help text shown on the screen.

CLOSE BUTTON
When selecting this button the help system is closed. You can also close the help system by pressing the ESCAPE-key.

When there is help on the screen the top lines will show the chapter in blue, the section in green and the item in black. It is possible to go back to a previous level by clicking on the level text.

About

Selecting this option will display the “About Box” which contains information about the program release.