

# SHARP



## UP-3500/3515

### European Fiscal Version

### Instruction Manual

### ROM Version V1.60 – V1.65

(based on V1.5x)

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Version: May 2013  
Revision 01

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## List of Changes

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Version V1.60	Revision 01	June 2012	
Version V1.61	Revision 01	August 2012	
Version V1.62	Revision 01	November 2012	
Version V1.63	Revision 01	December 2012	
Version V1.64	Revision 01	January 2013	
Version V1.65	Revision 01	March 2013	May, 06 <sup>th</sup> , 2013
Revision 01b			May, 28 <sup>th</sup> , 2013

draft version

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## 0. Compatibility

The ROM version V1.60 is based on V1.51, but it is **not compatible** (neither Data nor Language Text Resources) with this ROM version.

Due to changes in the memory structure, it is necessary to carry out the Master Reset with the dealer password (13974682) after the ROM Version update has been done.

### **Important note:**

In order to comply with legal regulations in several European countries, the counting and Journal print/EJ storage of all carried out actions is necessary.

Beside of the above mentioned, it is also necessary to set certain parameters to a default value during the setup procedure of the machine according to the requirements of the individual country law.

If these parameters have been set once, they cannot be changed afterwards anymore (except by making a Master Reset again). Also a change by Online function or loading of Programming Data from SD Card is prohibited.

### **0.1. Caution V1.61 – V1.61 is not compatible with V1.60**

**Caution V1.61:** The ROM version V1.61 is based on V1.60, but it is **not compatible** (neither Data nor Language Text Resources) with this ROM version.

### **0.2. Caution V1.62 – V1.62 is not compatible with V1.61**

**Caution V1.62:** The ROM version V1.62 is based on V1.61, but it is **not compatible** (neither Data nor Language Text Resources) with this ROM version.

There exist two different ROM Versions. One is dedicated for the UP-3500 while the second one is dedicated for the UP-3515. Both ROM Versions are "ALL RAM" compatible, by means an "ALL RAM" backup from the UP-3500 can be loaded into the UP-3515 or vice versa.

### **0.3. Note V1.63 – V1.63 is fully compatible with V1.62**

**Note V1.63:** The ROM version V1.63 is based on V1.62, and is **fully compatible** (Data and Language Text Resources) with this ROM version.

### **0.4. Note V1.64 – V1.64 is fully compatible with V1.63**

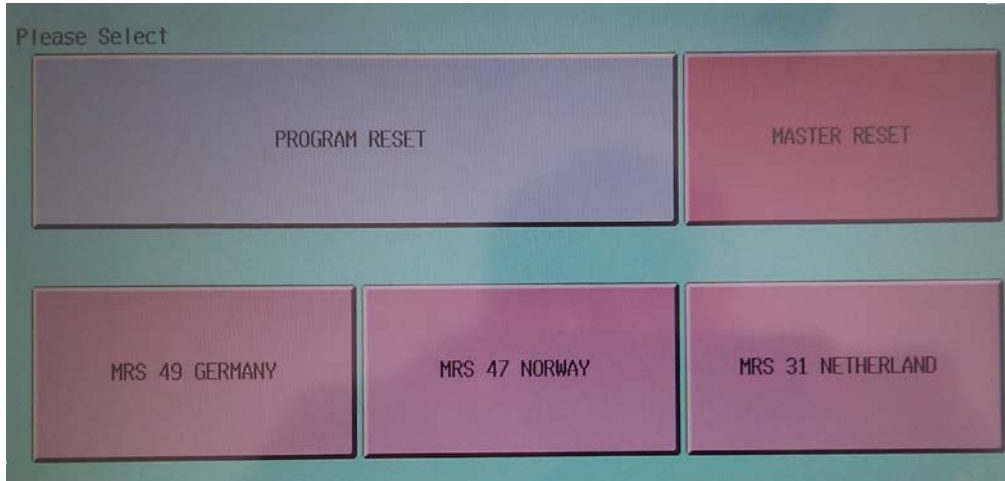
**Note V1.64:** The ROM version V1.64 is based on V1.63, and is **fully compatible** (Data and Language Text Resources) with this ROM version.

### **0.5. Note V1.65 – V1.65 is fully compatible with V1.64**

**Note V1.65:** The ROM version V1.65 is based on V1.64, and is **fully compatible** (Data and Language Text Resources) with this ROM version.

## 1. New Master Reset procedure

A new Master Reset procedure is available in order to set the ECR into the correct country mode during the setup phase.



It is possible to setup the ECR easy and user friendly according to the country specific fiscal legislations. To keep this, it is prohibited to change the fiscal related setting after the ECR has been setup. Once fiscal setting has been done, it can be reset by Master Reset only. The fiscal related parameters can also not be changed afterwards anymore by using the online function or loading of Programming Data from SD Card.

By carrying out a MRS Job, certain parameters as well as some text translation will be set automatically. Furthermore, all sales data are reset as follows:

- Sales data including GT
- Counters (Z Counter, Consecutive Number, Transaction Counter)
- Some programming restrictions will be set accordingly.

Without carrying out the country related fiscal job, the ECR keeps the original specification.

In order to identify the country selected during the Master Reset procedure it will be displayed in the Status Bar.



Furthermore, the chosen Fiscal Mode will be printed on the print out of

**\6 PGM2 MODE\1 READING\49 ROM VERSION**

```

*PGM2*
VERSION
FISCAL Version      049 GERMANY
IPL Version         0.1 UP-3500
PROGRAM Version     UP-3500V
                   Ver1.60
TEXT Version        Text V1.00
SYSTEM Version      System V1.00
FPGA Version        FPGA Ver.15
    
```

## 2. European Fiscal Electronic Journal

It must be possible to activate the Fiscal Electronic Journal even no country has been selected by the Master Reset procedure. With the new SRV parameter (#992A +4), the enhanced Fiscal Electronic Journal will be activated without setting some country related restriction.

Activate European Fiscal Electronic Journal	Grant M&M discount in Employee –Sales –Cons.	Grant M&M discount in Credit Customer –Sales	#992-A	Default
No	No	Yes	0	√
		No	1	
	Yes	Yes	2	
		No	3	
Yes	No	Yes	4	
		No	5	
	Yes	Yes	6	
		No	7	

## 3. Default setting of the Report formats

In certain Report formats, some settings have been fixed according to the country selection during the setup phase. The grayed-out parameters are fixed and cannot be set anymore. Please refer to below mentioned picture as an example.

ST (-)	NOT SKIP
ST ≠	NOT SKIP
<b>NET1</b>	NOT SKIP
DIFFER	NOT SKIP

## 4. Checksum print on General Z Report

To protect the written EJ data against manipulation a checksum will be used.

The checksum is a 40 digits hexadecimal number and security algorithm will be used for its calculation.

The calculated checksum is printed directly below the General Z-Report and is also written into the EJ. The calculated checksum is always printed in Fiscal mode. It is not printed on other reports than the General Z.

Print format of the checksum is two lines. Example:

**0A121B0A-121B0A12-1B0A121B**  
**0A121B0A-121B0A12**

## 5. Save&Clear of the EJ onto SD Card after Gen. Z Report automatically

A new SRV parameter (#992B +1) is available now, in order to distinguish to make Save&Clear of the EJ onto SD Card automatically or not after the General Z-Report has been carried out. If the SRV parameter is set and the General Z-Report is selected,

### \2 X1/Z1 MODE\2 RESETTING\1 GENERAL

the ECR is proofing if an SD Card is inserted, if the SD card is writeable and if the selected folder is available prior to the Z-Report.

If one of these conditions is not met, a popup window with two buttons will show a related message. One button is for cancelling the report, while by pressing on the other button, the ECR will carry out the General Z-Report without Save&Clear the EJ onto SD Card. If the proofing result is positive, the Z-Report is carried out and the EJ will be erased after it has been written onto SD Card. The EJ Save&Clear job will be written into the next EJ.

If any of the Fiscal Mode is selected, the SD Card jobs

### SRV MODE \ 7 SD CARD MODE \ 1 SAVING \ 1 SAVE ONLY \ 2 EJ DATA

### PGM MODE \ 8 SD CARD MODE \ 1 SAVING \ 1 SAVE ONLY \ 2 EJ DATA

are disabled. Background is, to avoid that multiple EJ sales data is available which makes an integrity check of these sales data against the Z-Report very difficult.

### **Remark:**

Using an Auto-Key for making the General Z-Report and Save&Clear of the EJ will not work in case of CCD entry is set to compulsory for this report.

Also in an Inline-System, the individual General Z-Report must be carried out in order to get the report and to write the data onto SD Card. After the individual General Z-Report has been carried out, this individual machine locks until the consolidated report has been made at the Master.

Carry out of "Saved Reports on SD Card" manually	Register item with fractional quantity if Mix&Match is set	Save&Clear EJ on SD Card after Gen. Z	#992-B	Default
No	No	No	0	√
		Yes	1	
	Yes	No	2	
		Yes	3	
Yes	No	No	4	
		Yes	5	
	Yes	No	6	
		Yes	7	

## 6. VAT ID program parameter

In certain countries, it is mandatory to program a unique VAT ID number at the ECR. To fulfil this fiscal legislation, a new programming possibility is available at:

### \6 PGM2 MODE\2 SETTING\8 TERMINAL.

Example according to Norwegian law: NO 123 456 789 MVA

The texts "NO" and "MVA" are fixed. For these texts, two new function texts are available and can be translated by the Text Converter Tool.

The number is freely settable and is of 9 digits numeric type.

The text and the number will be concatenated and printed left aligned.

**Examples with 3 digits for VAT ID number:** NO 000 000 123 MVA

**Examples with 9 digits for VAT ID number:** NO 123 456 789 MVA

The VAT ID number will be printed on every registration as well as on General Report.

**Remark:** The VAT ID is available in Norway and Netherland fiscal mode only.

Programming and Print samples

Norway

Netherland

TERMINAL	
MACHINE NAME	
MACHINE#	000000
VAT ID	123456789
DRAWER ALARM	000

TERMINAL	
MACHINE NAME	
MACHINE#	000000
VAT ID	123456789
B ID	87
DRAWER ALARM	000

000000 #0006 01/01/2000 0:01 [0001]  
CLERK0001

VAT ID NO 123 456 789 MVA

000000 #0007 01/01/2000 0:04 [0001]  
CLERK0001

VAT ID NL 123 456 789 887

With other country-setting the bill-number can be set here.

## 7. Carry out of "Saved Reports on SD Card" manually

At V1.50 the feature "Saved Reports on SD Card" has been introduced. With this feature it becomes possible to save secure data files on the SD Card controlled by a scheduler.

Since this new version V1.60, it is also possible to start the saving of the secure data files manually.

To enable this functionality, the SRV parameter #992B +4 has to be set accordingly and the key "EOD\_READY\_CHECK" must be available on a screen.

In order to start the saving, the code '4682' must be entered prior to pressing of the "EOD\_READY\_CHECK" key.

Carry out of "Saved Reports on SD Card" manually	Register item with fractional quantity if Mix&Match is set	Save&Clear EJ on SD Card after Gen. Z	#992-B	Default
No	No	No	0	√
		Yes	1	
	Yes	No	2	
		Yes	3	
Yes	No	No	4	
		Yes	5	
	Yes	No	6	
		Yes	7	

## 8. Register item with fractional quantity if Mix&Match is set

If a Mix&Match condition has been set, a registration of an item with fractional quantity is impossible. By setting the new SRV parameter #992B +2 it will be possible to make a registration of such kind of item, but items with fractional quantity will not be considered for the Mix&Match calculation.

Carry out of "Saved Reports on SD Card" manually	Register item with fractional quantity if Mix&Match is set	Save&Clear EJ on SD Card after Gen. Z	#992-B	Default
No	No	No	0	√
		Yes	1	
	Yes	No	2	
		Yes	3	
Yes	No	No	4	
		Yes	5	
	Yes	No	6	
		Yes	7	

## 9. 50 Øre Exists / Not exists for Norwegian rounding system

This is a special mode for the Norwegian rounding system. it is possible to set:

**“50 Øre Exists / Not exists”**

In:

**“\6 PGM2 MODE\2 SETTING\10 OPTIONAL\2 FUNCTION SELECT1”**

This new PGM parameter becomes valid if the already existing SRV parameter #901C is set to “Sweden” (+1).

Please refer to below mentioned table in order to get an overview over the different rounding systems:

<b>SRV #901C +1 (50 ØRE rounding valid) and PGM2 50 ØRE: EXISTS</b>	<b>SRV #901C +1 (50 ØRE rounding valid) and PGM2 50 ØRE: NOT EXISTS</b>
1. Payment Amount rounding of the lowest 2 digits 00 – 24 = Rounding down 25 – 74 = 50 75 – 99 = Rounding up  Rounding is done for: Subtotal Differ-Subtotal All payments Domestic currency amount at Exchange function Item amount in case of S/D receipt type	1. Payment Amount rounding of the lowest 2 digits 00 – 49 = Rounding down 50 – 99 = Rounding up  Rounding is done for: Subtotal Differ-Subtotal All payments Domestic currency amount at Exchange function Item amount in case of S/D receipt type
2. Tender amount entry check When the lowest 2 digits are not “00” or “50” an error occurs at: CASH payment CHECK payment CREDIT payment RA entry PO entry SCM(+)/ SCM(-) entry CCD entry	2. Tender amount entry check When the lowest 2 digits are not “00” an error occurs at: CASH payment CHECK payment CREDIT payment RA entry PO entry SCM(+)/ SCM(-) entry CCD entry
3. Item price and amount are not rounded	3. Item price and amount are not rounded
4. A price entry for an item can be another one than lowest 2 digits of “00 / 50”	4. A price entry for an item can be another one than lowest 2 digits of “00”
5. Taxable Subtotal / VAT are not rounded	5. Taxable Subtotal / VAT are not rounded
6. ORDER Total – PAID Total Order total is updated before amount rounding Paid total is updated after amount rounding O-P includes a difference amount	6. ORDER Total – PAID Total Order total is updated before amount rounding Paid total is updated after amount rounding O-P includes a difference amount

## 10. Additional Information

In order to get the General Z Report written into the EJ while using the SAVED REPORTS feature, it must be ensured to set the parameter "PRINT GEN.REPORT" to "YES".

**"\6 PGM2 MODE\2 SETTING\11 REPORT\8 SAVED REPORTS"**

Whenever a fiscal mode is set, the setting of the SRV parameter #986D (-1 no recording of J/EJ/TLOG in TRAINING MODE) is regardless. In fiscal mode every activity also of a Training Clerk will be recorded.

## 11. Extension of PLU-Info Text [V1.62]

The previous specification of 10 lines with each 30 characters for the PLU INFO text was not sufficient. This has been extended in V 1.62 again.

In

**\SRV MODE\2 SETTING\10 FILE\4 PLU TABLES**

there is a new input syntax for the available capacity for the PLU INFO text.

The value in the first field specifies of how many PLU INFO texts can be created in general. The value in the second field defines of how many lines for all PLU INFO texts are available in total. Each line can hold up to 30 characters.

The available total lines are shared by the number of created PLU INFO texts. According to the right example, 50 PLU INFO texts can be created with in total 1000 lines.

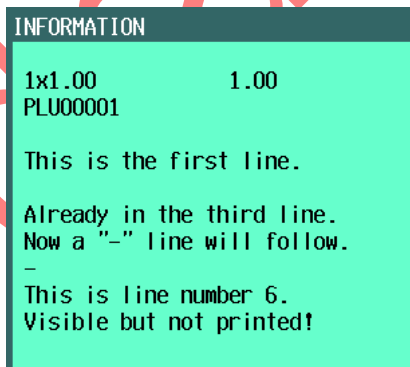
In an inline system, this file has to be created at every machine

As known from the previous version, the PLU INFO text can be displayed or printed. If there is a line with only a minus character (-) in it, the print out of the text will be done up to this line. All the lines which are beyond this "-" line are only visible on the info screen.

Example:

display of PLU INFO text

print out of PLU INFO text



```

PLU00001          1.00
This is the first line.

Already in the third line.
Now a "-" line will follow.
    
```

PLU TABLES	
LINK PLU/EAN	00030
COMBO MEAL	00010
CONDIMENT TABLE	00015
PROMOTION TABLE	00010
PROMOTION SALES	00250
EAN PLU CONVERT	00000
ITF PLU CONVERT	00000
CRATE PRESET	00000
PLU INFORMATION	00050
	01000

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## 12. Employee Time In/Out with contactless Clerk Key only [V1.64]

It has been requested that the Employee Time In/Out should only be possible by using a contactless Clerk Key. By setting the SRV parameter #992C +4 this feature becomes available with V1.64.

Because only a 4 digit number can be assigned during the programming of the contactless Clerk Key, the Employee code has to follow this restriction and must not exceed 9999. On the other hand, all Clerks related functions are not possible anymore. The contactless Clerk Key can be used for Time In/Out only.

Contactless Clerk Key for Employee Time In/Out		#992-C	Default
No		0	✓
		1	
		2	
		3	
Yes		4	
		5	
		6	
		7	

## 13. Combo PLU to DrinkDispenser [V1.65]

In the previous version, only PLU and Link PLU registrations were sent to the Drink Dispenser.

Since V1.65 even a Combo PLU registration will be sent to the Drink Dispenser. All combo items, leading Combo as well as the tied Combo PLUs, will be sent, if their numbering correspond to the Drink Dispenser value number range. This feature is enabled by default.

## 14. Scale registration without Tara [V1.65]

If a tare weight has been set at the scale, it will be overwritten by the information sent from the ECR if there is no tare table assigned at the ECR for that PLU.

In this case, the ECR simply sends 0 as the tare weight. To avoid this, the ECR will send the data without any tare information whenever there is no tare table assigned to that PLU and no manual Tara-entry has been done.

This new behaviour is valid since V1.65.

### 15. Screen limitation [V1.65]

For each Clerk a screen limitation can be set in order to disable the access to certain screens. This is current specification. But in case no clerk is signed on, every screen can be displayed without any limitation.

To make it possible, to have a screen which can be shown only to signed-on clerks a new SRV parameter (SRV #992D) has been introduced. If this SRV parameter is set the screen# 30 can only be opened if a clerk is signed on and has no limitation.

If the clerk is signed on, the above mentioned screen limitation setting becomes valid.

Contactless Clerk Key for Employee Time In/Out		Display screen #30 only if a clerk is signed on.	#992-C	Default
No		No	0	√
		Yes	1	
		No	2	
		Yes	3	
Yes		No	4	
		Yes	5	
		No	6	
		Yes	7	

### 16. Customer charge limit [V1.65]

Currently the Customer charge limit will be validating by every single item registration. Even if the Customer wants to pay by Cash, it can happen that the registration is not possible because it exceeds the set Customer limit.

If the already existing SRV parameter #986A is set to +4 (Customer code entry finalized by -> Charge only) the Customer limit will be validated only at the end of the transaction by using CHARGE.

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## C 0 >>> Changes / Improvements / Corrections since V1.60 <<<

### C 0.1 Wrong amount calculation for an item which has been split during B.S. Item

The amount calculation for an item which has been split by Split key during B.S. Item operation was wrong. This is corrected with V1.60.

## C 1 >>> Changes / Improvements / Corrections since V1.61 <<<

### C 1.1 New Model name

Since V1.61 the model name has been changed from UP-3500V to UP-35xxV.



This model name is visible in the System bar as well as in the ROM Version print out.

A screenshot of the ROM version print out. A red arrow points from the 'UP-35xxV' in the system bar to the 'PROGRAM Version' field in the ROM print out. The print out shows the following information:

*PGM2*	
VERSION	
FISCAL Version	049 GERMANY
IPL Version	0.1 UP-3500
PROGRAM Version	UP-35xxV Ver1.61
TEXT Version	Text V1.00
SYSTEM Version	System V1.00
FPGA Version	FPGA Ver. 15

### C 1.2 Function Texts using same memory

The function texts #160 'OVER.COST' and #251 'OPEN ROOM' were using the same memory. In case of changing the text for one of them, it results in changing the text for both at the same time. This is corrected since version V1.61.

### C 1.3 Missing receipts in the Electronic Journal

If a bill print has been performed after a registration, the related receipt was not written into the Electronic Journal by mistake. With version V1.61, the receipt and the bill are written into the Electronic Journal.

### C 1.4 Saved Reports Folder Name

It could happen that a broken folder name is shown in PGM2 programming mode in case a folder name with 8 characters has been set. Refer to:

`\6 PGM2 MODE\2 SETTING\11 REPORT\8 SAVED REPORTS\[FOLDER NAME]`

This is corrected since version V1.61.

### **C 1.5 Saved Reports in Inline-System**

Because the reports in an Inline-System will be taken at the Master, the "Saved Reports" feature introduced at V1.50, is advisable at the Master only. The "Saved Reports" feature was not available at the Satellite.

Besides of the main function of the "Saved Reports" feature, it is also possible to get e.g. the Electronic Journal data saved onto the SD Card. Since it is not possible to receive and store the Electronic Journal data from a Satellite at Master side, the "Saved Reports" feature is now available at the Satellite as well.

If the "Saved Reports" feature is enabled at the Satellite it will save the Electronic Journal data and the All RAM Backup respectively the PGM Backup according to their PGM setting onto the local SD Card.

Furthermore the function key "EOD\_READY\_CHECK" is also enabled at the Satellite in order to check if the machine is in a status that the "Saved Reports" can be carried out.

### **C 1.6 Online function (Clerk Z-Report) in relation to the ECR status**

Some Online functionality depends on the status of the ECR, of course. For example if a Z-Report has to be taken over night and a Clerk forgot to finalize his transaction, the communication was not possible. This has been changed with V1.22 already.

Due to some fiscal legislation, this subject again has become a matter of change.

Whenever a Z-Report is carried out via Online functionality but a Clerk forgot to finalize his transaction, this transaction will be forced to finalize and the transaction amount will be stored in the CREDIT9 (OPEN RCPT) totalizer. It is regardless if the open transaction remained in the foreground or in the background. e.g. in case of overlapped clerk function. Such kind of closed receipts will neither be recorded into the Electronic Journal nor will they update the TAX totalizers.

## C 2 >>> Changes / Improvements / Corrections since V1.62 <<<

### C 2.1 Return to previous Model name

In order to avoid some misinterpreting of the model name by using third party software, the model name has been changed from UP-35xxV back to UP-3500V respectively UP-3515V. This model name is visible in the System bar as well as in the ROM Version print out.



*PGM2*	
VERSION	
FISCAL Version	049 GERMANY
IPL Version	0.1 UP-3500
PROGRAM Version	UP-3500V Ver1.62
TEXT Version	Text V1.62
SYSTEM Version	System V1.00
FPGA Version	FPGA Ver.15

### C 2.2 CCD error at Time-Out of Employee

Following setting have been made at the ECR:

- 'Employee working time entry' is set to COMPULSORY (SRV #987A)
- 'Automatic Clerk SignOn after TimeIn/BreakOut' and 'Automatic Clerk SignOff after TimeOut' and 'Employee and Clerk relationship is removed (i.e. Clerk Z is done)' is set to YES (SRV #987B).
- 'Terminal CCD' is set to YES (SRV #988D).

Under some circumstances, e.g. after a Service Reset, the Time-Out operation of an Employee after the General-Z report has been carried out will result in the error 'CCD NOT DONE', even the CCD entry has been made. This error is corrected since V1.62.

### C 2.3 Error "LACKING MEMORY" occurs during a Clerk SignOn

If a Clerk tries to make a SignOn at a Satellite while there is an active online communication via the RS232 port of the Master with a PC, the error "LACKING MEMORY" may occur.

Since V1.62 the SignOn at the Satellite will not result in an error, even there is an active online communication between the Master and a PC.

### C 2.4 Drawer alarm does not work at the Satellite

If the SRV parameter #990A (open drawer at TimeOut of last Employee) is set to YES, a set drawer alarm will not occur at the Satellite. This has been corrected with V1.62.

### C 2.5 Printing of TAX even the TAX amount is 0

If by SRV #905B the 'TAX printing when TAX is 0' is set to PRINT, the TAX amount was not printed by mistake. This has been corrected with V1.62.

## C 2.6 Missing VAT/TAX assignment print at Combo Tied-PLUs

In case the VAT/TAX assignment is set to the tied-PLUs at COMBO MEAL setting, the VAT/TAX character was not printed. With V1.62, the VAT/TAX character will be printed as well at the Combo tied PLUs according to their VAT/TAX relation.

## C 2.7 Deleting of the Electronic Journal via DATA CLEAR function

If the machine has been setup in a non fiscal mode, a system hang up could happen, when the Electronic Journal should be cleared after it has been displayed.

Example:

First perform

```
\MODE\2 X1/Z1 MODE\1 READING\41 E.JOURNAL\[no filter] OK\1.DISPLAY
```

Followed by

```
\MODE\6 PGM2 MODE\4 DATA CLEAR\1 E.JOURNAL
```

System hang up can occur. This is corrected with V1.62.

At a fiscal system, this problem could not occur, because manual clear of the Electronic Journal is prohibited.

## C 2.8 Orderman and BillSplit function

Items which have been separated via the Orderman are visible in the B.S. screen at the origin table at the ECR.

With V1.62, the separated items are not visible anymore, because they were moved to another table or even finalized.

## C 2.9 Saved Reports in Inline-System

Because the reports in an Inline-System will be taken at the Master, the "Saved Reports" feature introduced at V1.50, is advisable at the Master only. The "Saved Reports" feature was not available at the Satellite.

Besides of the main function of the "Saved Reports" feature, it is also possible to get i.e. the Electronic Journal data saved onto the SD Card. Due to it is not possible to receive and store the Electronic Journal data from a Satellite at Master side, the "Saved Reports" feature is now available at the Satellite as well.

If the "Saved Reports" feature is enabled at the Satellite it will save the Electronic Journal data and the All RAM Backup respectively the PGM Backup according to their PGM setting onto the local SD Card.

Furthermore the function key "EOD\_READY\_CHECK" is also enabled at the Satellite in order to check if the machine is in a status that the "Saved Reports" can be carried out.

Further Improvements have been done with V1.62.

### C 2.10 Voided items are visible again

In case of one item has been voided from a registration, it becomes visible again after reopening of this registration.

This phenomenon occurs after a registration has been put in the background when working with overlapped clerk or a GLU registration has been finalized by NBAL and then reopened.

Below there is an overview of how the visibility of voided items have to be treated in relation to the selected fiscal mode.

Fiscal Mode	Output Device	Voided Item visible	Void visible
DE & Non Fiscal	Receipt	NO	NO
	Bill	NO	NO
NL & NO	Receipt	YES	YES
	Bill	YES	YES
ALL Modes	Registration Window	NO	NO
	Journal	YES	YES
	E-Journal	YES	YES
	T-LOG	YES	YES

### C 2.11 Calculation method in case of granting mixed promotion, e.g. Mix&Match and SBTL%

In case of granting mixed promotion, the SBTL% promotion discount was calculated from the gross amount.

Since V1.62, the SBTL% promotion discount will be calculated from the already by the Mix&Match discount reduced amount. This conforms to the specification of Version 1.5.

### C 2.12 Online function (Clerk Z-Report) in relation to the ECR status

Some Online functionality depends on the status of the ECR, of course. If e.g. a Z-Report has to be taken over night and a Clerk forgot to finalize his transaction, the communication was not possible. This has been changed with V1.22 already.

Due to some fiscal legislation, this subject has become again a matter of change.

Whenever a Z-Report is carried out via Online functionality, but a Clerk forgot to finalize his transaction, this transaction will be forced to finalize and the transaction amount will be stored in the CREDIT9 (OPEN RCPT) totalizer. It is regardless if the open transaction remains in the foreground or in the background perhaps in case of overlapped clerk function. Such kind of closed receipts will neither be recorded into the Electronic Journal nor will they update the TAX totalizers. Further Improvements have been done with V1.62.

### C 2.13 Leaving the Diagnostic mode may result in an error

If the machine has been powered off and on again, the error 'LACKING MEMORY' may occur when leaving the Diagnostic mode. Since V1.62 this error will not be shown anymore.

## **C 3 >>> Changes / Improvements / Corrections since V1.63 <<<**

### **C 3.1 Saved Reports in Inline-System**

In case of an Inline System with a Backup-Master, while the Backup-Master has taken over the role of the Master (due to Master down), the Backup-Master still behaves like the Satellite as far as the Saved Reports are concerned.

Only the Electronic Journal as well as PGM Backup and ALL RAM Backup, according to their setting, will be saved on SD Card.

This specification is valid from version V1.63 onwards.

### **C 3.2 Stacked Reports**

A Stacked Report called at the Satellite shows a "strange" behaviour like no cut between the individual reports or even not printed correctly at all.

This is corrected with V1.63.

### **C 3.3 Individual Clerk-Z Report is missing in the Electronic Journal**

This phenomenon only occurs by using the Recall Closed Transaction feature and only after the following entry:

- Make a GLU registration and finalize it.
- Carry out the individual Clerk-Z Report.
- Return to registration mode, recall the previous finalized GLU registration and finalize it again.

Now, if the General-Z Report has been taken, the individual Clerk-Z Report is missing in the electronic Journal, but not on the paper journal.

Since V1.63 the individual Clerk-Z Report will also be written into the Electronic Journal even after above mentioned operation.

### **C 3.4 Missing discount in PLU report by granting SBTL% or SBTL(-) discount**

Although a SBTL% or SBTL(-) discount has been given, it was not reported in the PLU report. Since V1.63 the given discount will be reported in the PLU report as well.

### **C 3.5 No saving of EJ if General-Z report is in Stacked Report**

If the General-Z report has been put to a Stacked Report and the SRV parameter #992B is set to "Save&Clear EJ on SD Card after Gen. Z" (+1) the EJ was not written and cleared to the SD card after the Stacked Report was carried out.

This has been corrected with V1.63.

## **C 4 >>> Changes / Improvements / Corrections since V1.64 <<<**

### **C 4.1 System hang up after update with ROM Version V1.62 / V1.63**

In a very few cases it can happen that after update of a machine with a Fiscal ROM like V1.62 or V1.63 by using the SD Card function, the screen remains black after the Master-Reset.

Sometimes a break error can be seen in the display. In this condition the machine hangs and a reset of the machine is not possible anymore. No further update is possible.

By updating the machine with ROM Version V1.64 this phenomenon will not occur.

### **C 4.2 Recall Transaction finalized by another Clerk and using Supervisor function**

It could happen that after recall of a transaction, which has been finalized by another Clerk, the Clerk totalizers were not updated correctly. In order to get correctly updated Clerk totalizers the following specifications becomes valid with V1.64:

- A transaction can be recalled only from that clerk who has finalized it.
- A Supervisor Clerk will be reassigned to that clerk who has finalized the transaction before, before he is able to reopen the transaction. This also is valid if the Supervisor Clerk works on his own account.

### **C 4.3 Faulty distribution of SRV parameters in an Inline-System**

Under some circumstances changes at a SRV Job Code containing fiscal as well as non fiscal parameters were not distributed correctly by using the SRV MODE Job:

**SRV MODE\ 4 DOWN LOAD\1 SRV PARAMETER**

This is corrected with V1.64.

### **C 4.4 Registration with more than one granted GroupDiscount**

If several Group Discounts have been granted during a registration, a miscalculation could happen if more than one of them were voided.

In order to avoid any miscalculation, only the last granted Group Discount can be voided. If more than one Group Discount must be voided the complete registration has to be voided by using Subtotal Void.

This change is valid since V1.64.

## **C 5 >>> Changes / Improvements / Corrections since V1.65 <<<**

### **C 5.1 Electronic Journal entry after Saved Report**

It is fiscal specification, that whenever the Electronic Journal has been deleted, the new Electronic Journal starts with the ECR system information as the very first entry. Unfortunately this ECR system information entry was missing after the "Saved Report" has been carried out at the Satellite.

This has been corrected by ROM version V1.65.

### **C 5.2 Void of Group Discount**

In case of multiple voids of former given GroupDiscounts a miscalculation of the total amount for the transaction can happen.

With V1.65, only the last given GroupDiscount can be voided, further Improvements have been done.

### **C 5.3 Miscalculation by voiding a promotion in combination with overlapped Clerk**

System configuration: StandAlone or Inline System with enabled overlapped Clerk feature. At least one promotion table is defined.

Example: Make a registration of PLUs until the promotion becomes valid. Now, void all items by using direct or even indirect void but do not finalise this transaction. Another Clerk signs on, makes his registration and finalizes it. If the former Clerk sign on again a wrongly calculated subtotal is shown.

Since V1.65 the subtotal amount will be calculated correctly.

### **C 5.4 Wrong folder name for Saved Report sales data**

During the Saved Report function the sales data will be saved into a folder where the date for that sales data is part of the folder name. In case that the sales data has to be stored for the previous day according to "DAY START TIME" a date miscalculation will occur if the current date is the 1<sup>st</sup> of March. In this case the calculated previous day is the 29<sup>th</sup> of February even this date does not exist.

This problem has been solved with V1.65

### **C 5.5 Training totalizer in the General report**

If the machine has been setup in a non-fiscal mode, a Training totalizer is printed on the General report. This print out is against the specification.

Since V1.65 this totalizer will not be printed anymore.

### **C 5.6 Intermediate GLU at the Orderman**

It is possible to call an intermediate GLU at the Orderman using the “Subtot” function. Unfortunately, the BILL print header has been used for that print out. With V1.65 the correct print header, the intermediate GLU print header, is used instead.

### **C 5.7 Split of a Condiment PLU at the Orderman**

A split of a Condiment PLU results in a wrong registration result at the ECR. Due to the system specification a split of a Condiment PLU by number input is inhibited. This is valid for the Orderman also. With V1.65 a split of a Condiment PLU at the Orderman will show an “ENTRY ERROR” at the Orderman because it has been rejected from the ECR.

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## **P 1 >>> New/Changed Parameters <<<**

### **P 1.1 SRV**

- #992A +4 → European Fiscal Electronic Journal
- #992B +4 → Carry out of "Saved Reports on SD Card" manually
- #992B +2 → Register item with fractional quantity if Mix&Match is set
- #992B +1 → Save&Clear EJ on SD Card after Gen.Z
- #992C +4 → Contactless Clerk Key for Employee Time In/Out (since V1.64)
- #992C +1 → Display screen #30 only if a Clerk is signed on (since V1.65)

### **P 1.2 PGM**

**\PGM2 MODE\2 SETTING\10 OPTIONAL\2 FUNCTION SELECT1 → 50 Øre**  
Special mode for Norwegian rounding

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