USER MANUAL

ELECTRONIC CASH REGISTER

CHD 3050U

Computer Hardware Design

Revision History

Edition	Date	Notes	Author
1.0	12.10.2017		CHD

Notice

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INTRODUCTION

Thank you for choosing the cash register CHD 3050U. We are sure that this investment will prove to be cost-effective in due time and in future you will save your time and assets thanks to your new equipment – the simple, yet complicated cash register.

To provide uninterrupted performance of the cash register during the guarantee period and upon its expiry, as well as to save additional exploitation costs, please:

- before using this cash register, carefully read this manual;
- follow that all operators are trained to work with ECR at your dealer;
- do not permit untrained stuff to operate this cash register;
- do not use the cash register in inappropriate environment and manner;
- use only approved paper rolls **58/50TERMO** (58 mm wide, max Ø 50 mm, can be purchased at CHD);
- do not open the sealed covers of the cash register;
- follow all safety regulations and fire-prevention regulations.

In this user manual all basic cash register functions are described.

We wish you and your company good luck, and congratulate you on the successful purchase!

If the electronic cash register does not work properly, please do not try to fix it on your own!

Contact your cash register dealer and ask for professional support.

Your dealer:

WARNINGS

Before operating the ECR, please, carefully read the user manual to avoid errors or misuse.
This user manual contains important information and messages about using the ECR.

CAUTION!
Do not place liquids on ECR surface!
Do not open the casing and disassemble ECR!
Do not allow foreign bodies to get into the ECR!
Do not disconnect ECR from power supply while it is still turned on!
Do not use ECR if the power supply cable is damaged!
Do not allow untrained staff to work with ECR!
Do not allow ECR operation with inappropriate paper roll!
Always unplug the device before moving it, otherwise you can damage the cord and it may result in fire or electric shock.
To avoid fire or electric shock, immediately unplug the power cord from the outlet if: 1) The ECR heats up, produces smell, smoke or makes unusual noise 2) The ECR is dropped or damaged 3) Liquid is spilled on the ECR. Contact your dealer or authorised service centre!
Do not plug in or unplug the cord with wet hands. You risk receiving electric shock.
Never place the device on unstable surfaces or in slopes. Make sure the ECR is properly placed and cannot fall over causing injuries.
Do not place or mount any heavy load on the device, making the ECR unstable, and causing the risk of falling off or falling over and causing injuries.
Do not operate the ECR in humid or dusty surroundings, or where the device comes in contact with steam fumes.

1 SYMBOLS AND TERMS

1.1 SYMBOLS USED IN THIS MANUAL:

- indicates the numeric key entry.


- indicates the function key depression.


- indicates the optional function key depression that can be skipped.

< > - a process of series to be performed, e.g. registration.

[ ] - these brackets designate the function key to be pressed, indicated by explanations.


- to be considered while working with the ECR 3050U.

1.2 TERMS USED IN THIS MANUAL:

- registration -	the process of a number and a function key entry.
- sale -	the series of item registration which is to be finalized by payment media key.
- numerals -	keys 1- 9, 0, 00, . , used for numeric value, amount entry
- function keys -	keys used to process entered values or amounts.
- media -	tender payment type (e.g. cash, credit, charge etc.)
- payment -	registration of payment means for finalizing the item registration
- receipt -	a printed acknowledgment of a transaction
- reports -	information about sales data

2 TECHNICAL SPECIFICATION

2.1 ECR FEATURES

PLU:	up to 5000
Link PLU:	1000
Departments:	8
Taxes:	5
Tender media:	3
Currency:	5
Modifiers:	4
Operators:	20
User profiles:	6
Receipt header:	7 lines, graphic logo
Receipt footer:	3 lines

2.2 ECR PARAMETERS

Dimensions:	220 W x 280 D x 118 H mm
Weight:	1.6 kg
Case:	plastic
Case colour:	Iron Grey
Power consumption:	25W Max, 5W stand-by
Operation temp.:	0^0C - 40^0C
Absolute humidity:	10% - 80%

2.3 PRINTER

Printer:	Thermal
Print speed:	60 mm/s (13 lines/s)
Resolution:	8 dots/mm
Print width:	32 character
Paper width:	1 x 57 mm
Print sensors:	receipt paper end

2.4 DISPLAY

Clerk display:	128 x 64 dots
Client display:	LED,1 x 10 digits

2.5 KEYBOARD

Keyboard:	stroke
Number of keys:	33 standard-sized keys + 1 double-sized key

2.6 OPERATION MODES

4Modes:	PRG – programming mode
	REG – registration mode
	X – report mode (saving current readings)
	Z – report mode (zeroing current readings)

2.7 COMMUNICATION

Communication ports:	2 x RS232, USB, Ethernet option
SD card slots:	2 x SD card slots

2.8 POWER

Power adapter:	CHD-U95A3; 9,5 V DC
Rechargeable battery:	CHD rechargeable battery, Li-Ion, 2400 mA

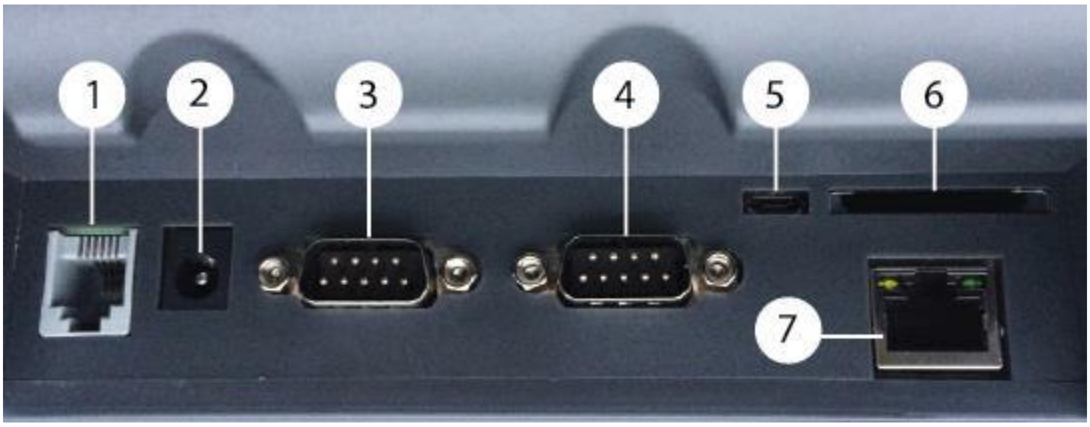
2.9 NOTE TESTER

Counterfeit detector:	UV LED

3 BASIC OPERATIONS

3.1 ELECTRONIC CASH REGISTER CHD 3050U

3.2 EXTERNAL CONNECTION TERMINALS



	Terminal name	Applied connection
1	Drawer	Use for cash drawer CHD SB/SG connection
2	Power adapter	Use for AC/DC power adapter CHD-U95A3 connection
3	COM 2	Use for PC, barcode scanner or scale connection
4	COM 1	Use for PC, barcode scanner or scale connection
5	USB	PC connection
6	SD card	Use for external SD card insertion
7	Ethernet	Additional printer connection

⚠ **Connect ONLY the intended equipment to CHD-3050U terminals!**

⚠ **Do not attach any kind of TNV circuit (telephone line) equipment to Drawer terminal!**

⚠ **Connection of unspecified external devices may cause serious cash register damage or risk of fire or electric shock!**

3.3 ACCESSORIES

3.3.1 STANDARD ACCESSORIES

Power adapter

Type	:	AC/DC Adapter
Model	:	CHD-U95A3
Input	:	100-240V 50/60Hz
Output	:	9.5V DC, 3A

3.3.2 OPTIONAL ACCESSORIES

Battery

CHD rechargeable battery, Li-Ion, 2100 mA

Cash drawer

CHD SB (black)
CHD SG (grey)

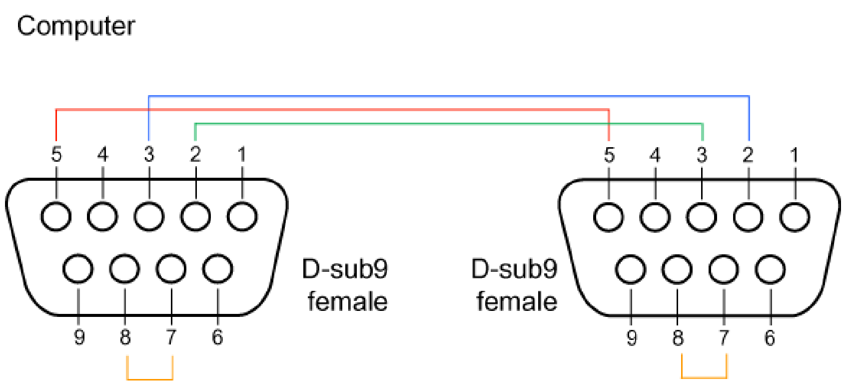
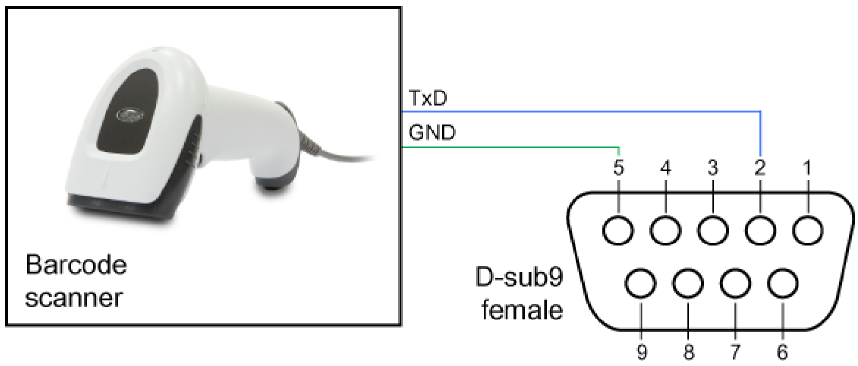
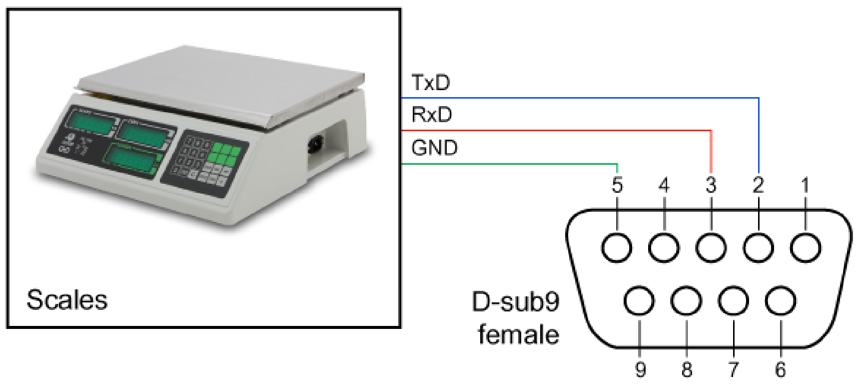
UV counterfeit detector

CHD 3000 UVLED

To reduce the risk of the electric shock and to reduce annoying interference, use the recommended accessories ONLY!

3.4 EXTERNAL EQUIPMENT

CHD 3050U cash register can be connected to additional equipment:

Equipment and cable connection	**RS232 port standard settings**
	Baud: 38400 Data bits: 8 Parity: odd Stop bit: 1 Flow control: none
	Baud: 9600 Data bits: 8 Parity: no Stop bit: 1 Flow control: none
	Baud: 9600 Data bits: 8 Parity: no Stop bit: 1 Flow control: none

Please request more information about the external equipment at your authorised dealer.

3.5 UV DETECTOR (OPTIONAL ACCESSORY)

The ultraviolet light of the UV detector is used to check banknotes or security bars. The counterfeit detector can be used to check paper money, identification cards, tickets or other documents that include UV safety elements.

UV detector can be activated **only during the open sale.** Pres key SUBTOTAL and hold it for more than 3 seconds.

3.6 ELECTRONIC JOURNAL FUNCTION

ECR 3050U comes only in the electronic journal version. Cash register provides control data storage in two independent storage locations, one of them located inside the register, but the other can be connected as a module and accessed externally.

Make sure that external data storage for electronic journal in inserted in the ECR (SD card is inserted in the SD card slot).

> ⚠ ECR operation is blocked and its functions are prohibited, if “External data storage” is not inserted in the SD card slot or the storage unit is damaged.

3.7 PAPER CHANGE

1. Open printer cover, holding it by the visible opening in the case and lifting it up.
2. Simply remove the empty receipt roll.
3. Insert the new roll. Note correct winding direction.
4. Pull out the receipt roll (so that it reaches out longer than the part where printer cover is closed).
5. Firmly close the printer cover, slightly pushing it downwards.

After paper change, please test the paper feeding by pressing **[FEED]** key.

3.8 KEYBOARD

FEED	ALPHA	# / NS	X	SHIFT	4	R/A ↑
%-	-	7 ;!@#	8 ABC	9 DEF	3	↓ P/O
EC	RETURN	4 GHI	5 JKL	6 MNO	2	CREDIT
VOID	PRICE	1 PQRS	2 TUV	3 WXYZ	1	SUB TOTAL
CLEAR	PLU	0 A/a/1	00 ␣	.	CASH	

3.9 KEY FUNCTIONS

FEED	**Receipt Feed key.** Used to advance the receipt rolls and operated by holding it down until the paper has advanced to the required position.
7 ;!@# 8 ABC 9 DEF 4 GHI 5 JKL 6 MNO 1 PQRS 2 TUV 3 WXYZ 0 A/a/1 00 ␣ .	**Numeric keys.** Used to enter numeric values. Pressing the **[00]** key once is the same as pressing the **[0]** key twice consecutively. The **[.]** key is used to designate the decimal point of a quantity. When switching to character level entry mode, used for entering letter symbols. Each key must be pressed as many times, as necessary till the desired symbol appears on the display.
ALPHA	**Alphabet Key.** Used to allow text comment entries to be printed on receipt anytime, during the sale.
SHIFT	**Shift key.** Used to switch to second level department key entry and to open operation mode list.
1 2 3 4 **DP1 – DP8**	**Department preset keys.** Used to enter each item, serving for classifying merchandise by department. **(In this manual, departments are designated in the provided examples by the following key:** DEP. **.)**
PLU	**PLU (Price-Look-Up) key.** Used to enter a PLU item that is linked to a department.
CLEAR	**Clear key.** Used to clear numeric entries not registered yet or to clear error status after the error condition correction.
#/ NS	**Non-Add Number Print / No-sale key.** Used to print a non-add number on the receipt and journal for future reference and to open the cash drawer unrelated to a sale.

PRICE	**Price set / Read key.** Used to enter a manual price for PLU and also used to read PLU programmed price and name for operator reference.
X/TIME	**Quantity Extension and Split Package Pricing key.** Used to multiply a department, PLU entry by quantity. Outside sale used to show current time and date on the display.
RETURN	**Returned Merchandise key.** Used to refund money to a customer who has returned items already purchased.
VOID	**Void key.** Used to delete any item of current transaction.
EC	**Item Correct key.** Used to remove the last item from the Sale.
+	**Amount Plus key.** Used to add an amount to the sale such as surcharge during a sale.
-	**Amount Discount key.** Used to subtract an amount from the sale such as discount during a sale.
+%	**Percent Charge key.** Used to add a percent rate to a sale.
-%	**Percent Discount key.** Used to subtract a percent rate from a sale.
R/A ↑	**Received-on-Account key.** Used to enter payments received on account, i.e. not relating to a sale. Also used for change reserve amounts loaned from the store.
P/O ↓	**Paid-Out key.** Used to record amounts paid out of the cash drawer not relating to a sale. Also used for Pick Up operations, such as money collections for banking purposes.
SUBTOTAL	**Subtotal key.** Used to obtain subtotal of the current transaction.
CASH	**Cash total/Cash tender key.** Used to record all cash payment transactions, and allows finalizing a sale.
MEDIA	**Payment Media key.** One of additional non-cash payment media keys (e.g., CHARGE, CREDIT, GIFT CERTICIATE etc.), used to record non-cash payment transactions.
CURRENCY	**Currency key.** Used for currency payments. More than one currency payment keys can be configured. Currency key is not included in the standard keyboard layout.
CLERK	**Clerk key.** Used in case of Clerk Code Entry Method, to declare start or end of operation by operator.

3.10 OPERATING MODES

ECR CHD 3050U offers 4 operating modes:

PRG........... programming mode, in this mode, the register will allow programming operations

REG........... registration mode, normal cash register operations are carried out in this mode

X .... the sale totals printing mode **without deleting** the current readings after print-out

Z .... the sale totals printing mode **deleting** the current readings after print-out

To switch between operation modes, choose the following key sequence:

[SHIFT] → [CASH]

The selected mode →

```
  S mode
  PRG mode
  REG mode
> X mode
  Z mode
```

Mode menu display

Choose from the list the necessary mode with the help of [R/A ↑] or [P/O ↓] keys and press [CASH] to activate this mode.

In this manual ECR operation in registration and report mode is described.

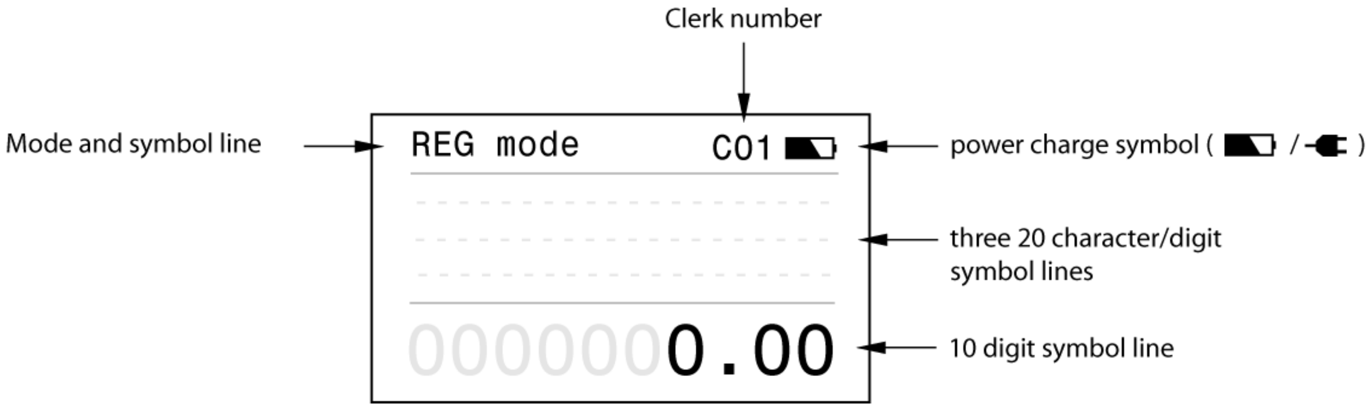
Programming instructions are provided in a separate manual.

3.11 DISPLAY

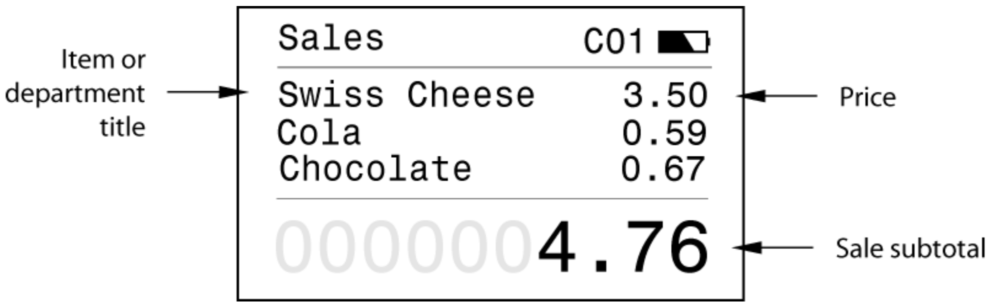
ECR **CHD 3050U** is equipped with two displays – CLERK and CUSTOMER display.

3.11.1 CLERK DISPLAY STATUS:

1) OUTSIDE SALE (if time preview is activated, the customer display also shows time or date).

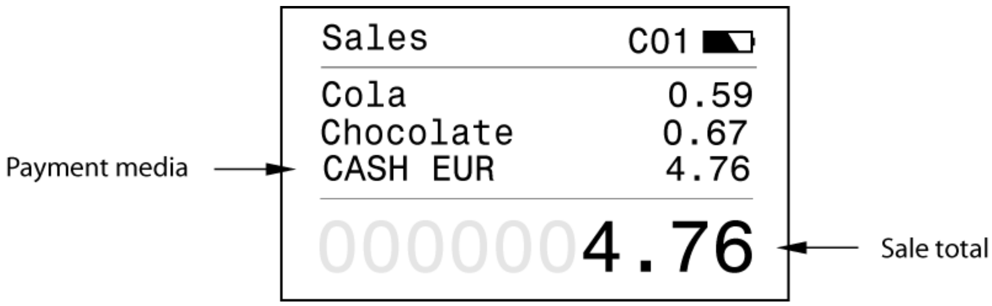


2) DURING SALE

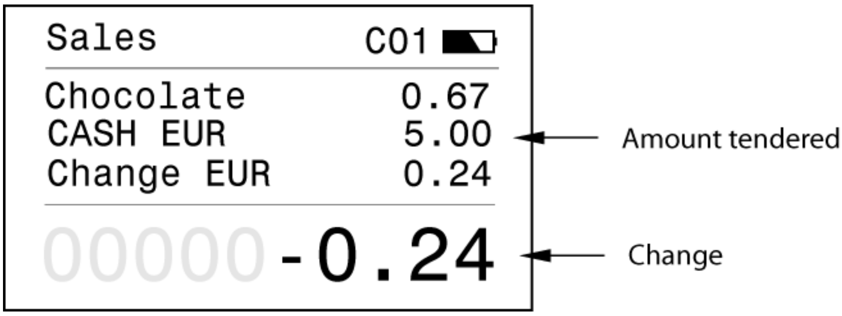


3) PAYMENT CLOSING THE TENDER

a) Payment (entering payment media)

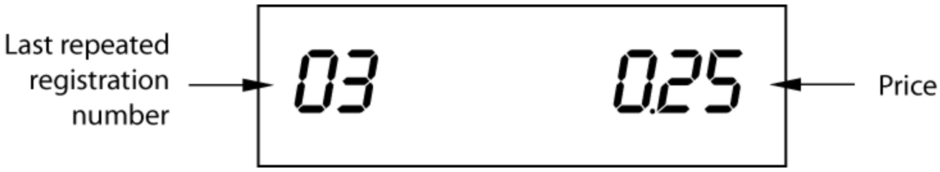


b) Change Display (entering amount received)

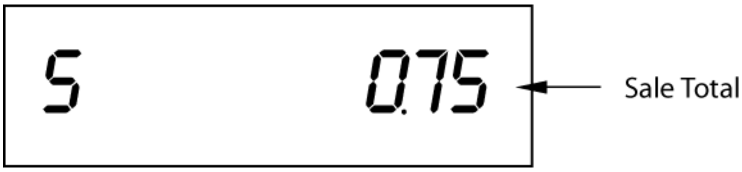


3.11.2 CUSTOMER DISPLAY STATUS:

1) DURING SALE



2) SUBTOTAL



4 DISPLAY MESSAGES

4.1 STATUS NOTIFICATIONS

Status	Display message	Operation
Registration Mode	REG MODE	Registration operations available, e.g., sales registration, tenders etc.
Inside sale operations	SALE	Sale in progress.
Receive On Account	RECEIVED ON ACC.	Enter amount put in drawer outside a sale. Press **[CLEAR]** to escape.
Paid Out	PAID OUT	Enter amount removed from drawer outside a sale. Press **[CLEAR]** to escape.
Cancel sale item	VOID	Enter Department or PLU registration to be cancelled from current sale. Press **[CLEAR]** to escape.
Cancel current non-finalized sale or tendered amounts	VOID ALL	Sale will be cancelled by **[VOID].** Payments made for non-finalized sale will be cancelled by **[CASH]** key. Press **[CLEAR]** to escape.
Returned item registration	RETURN	Returned item amount will decrease sale total amount.
Check Item name and price	PRICE LOOKUP	Enter PLU code or scan barcode. Press **[CLEAR]** to proceed.
Manual price input for PLU registration	PRICE	Enter PLU number or scan barcode. Press **[CLEAR]** to escape.
Void rendered amounts	TENDERS VOIDED	Registered payments of non-finalized sale are discarded.
Transaction cancelled	TRN CANCELLED	Item registrations of non-finalized sale are discarded, sales counters are not updated.
Change Amount	CHANGE	Change amount displayed.
Sale subtotal	SUBTOTAL	Any registration operation can be continued.
Customer number caption	CLIENT	Proceed with sale registrations.
Switch to 2nd price level	P2	Proceed with item registration. Press **[CLEAR]** to escape.

Switch to 3rd price level	P3	Proceed with item registration. Press **[CLEAR]** to escape.
Keyboard layout switching to 2nd function level	SHIFT	Proceed with function key or press **[CLEAR]** to return to REG layout.
Keyboard layout switched for text entries	ALPHA	Enter text comments, press **[NS]** to return to REG layout. Press **[CLEAR]** to escape.
Keyboard layout switched for supplementary character entries	ALPHA2	Enter text, press **[NS]** for return to REG layout. Press **[ALPHA]** to return to **[ALPHA]** keyboard layer; press **[CLEAR]** to escape.
Receipt printing enabled	RECEIPT ON	All ECR operations enabled.
Receipt printing suppressed	RECEIPT OFF	ECR operations in RECEIPT OFF mode are available.
X Mode	X MODE	Printing of X reports.
Z Mode	Z MODE	Printing of Z reports.
Password entry required	ENTER PASSWORD	Enter valid password to proceed. Press **[CLEAR]** to escape.
Number of Day closures (Z reports) available	Z RECORDS LEFT	Available memory space for day closures. ECR will be blocked, when day closure counter is full.
ECR requires time to successfully transfer/update data	PLEASE WAIT!	ECR cannot be operated while this message is displayed.
Service Reminder	Service reminder	Press **[CLEAR]** to proceed with other ECR operations. Note: Message text can differ according to ECR application.
Journal data is not stored to SD card due to SD card absence or failure	Data not stored on SD card	Journal data is in ECR internal storage ready for transfer to SD card.

4.1 OPERATION WARNINGS

Status	Display	Explanation
Clerk ID number or Clerk key required or wrong ID entered	E01 NO CLERK	Enter valid Clerk ID or attach clerk key to proceed.

Wrong password entered	E03 INVALID PASSWORD	Enter correct password.
Report reset required	E04 Z REPORT NOT ISSUED	Sales operations cannot be continued until the necessary report is issued.
Only one Z report can be issued per day	E06 SINGLE Z PER DAY ALLOWED	Check date/time for Z report issue.
Customer discount configuration problem	E07 MODIFIER BAD CONFIG.	Customer discount must be reprogrammed, PRG34, PRG9.

4.2 TRANSACTION WARNINGS

Status	Display	Explanation
Wrong key sequence error	E11 BAD SEQUENCE	Press **[CLEAR],** check the last information printed and continue operation.
The function is prohibited or limited for the current user	E12 OPERATION PROHIBITED	Press **[CLEAR]** and proceed with other operations.
Incorrect Department entry error	E14 DEPT NOT FOUND	Non-existing department code entered. Press **[CLEAR]** to proceed with other operations.
Incorrect Department/ PLU / Customer code entry error	E15 PLU NOT FOUND	Non-existing PLU code entered. Press **[CLEAR]** to proceed with other operations.
Preset PLU not found	E16 NO PLU PRESET	Non-existing PLU is set to the Preset PLU key. Press **[CLEAR]** to proceed with other operations.
Discount or surcharge entry error	E17 NO MODIFIER	Non-existing discount or surcharge entered. Press **[CLEAR]** to proceed with other operations.
Customer account code entry error	E18 CUSTOMER NOT FOUND	Non-existing customer account code entered. Press **[CLEAR]** to proceed with other operations.
TAX/VAT error	E19 TAX NOT FOUND	Item has a non-existing TAX assigned to it. This item can not be sold. Press **[CLEAR]** to proceed with other operations.

4.3 PRINTER WARNINGS

Status	Display	Explanation
Printer error	E20 PRINTER ERROR	General printer error. Turn off ECR, wait for 30 sec. and turn it back on to continue work.
Printer error	E20 PR. VOLTAGE ERR.	Printer voltage outside the appropriate limits. Turn ECR off, turn it back on and try to continue work.
Receipt paper end	E21 RECEIPT PAPER END	Open printer compartment cover, release the receipt printer head and replace receipt paper. Press **[CLEAR],** when paper is installed.
Receipt printer open	E23 RECEIPT PR. OPEN	Receipt printer head released. Open printer compartment cover and check Receipt printer upper frame to be set properly – lower position.
Abnormal receipt printer head temperature	E25 R PRINTER TEMP.	This is a serious ECR malfunction. Stop ECR operation for a minute, then continue. If the error message persists, contact an authorised service.
No connection to Receipt printer	E27 R PRINTER DISCON	This is a serious ECR malfunction. Printer has been disconnected. Contact an authorised service.

4.4 SALE FINALIZATION WARNINGS

Status	Display	Explanation
Subtotal compulsion	E31 SUBTOTAL REQUIRED	To continue tender operations, press key **[SUBTOTAL].**
No payment media	E32 TENDER NOT FOUND	Relevant entry missing in the media table. The necessary programming configurations have to be carried out.
No currency	E33 NO CURRENCY	Relevant entry missing in the currency table. The necessary programming configurations have to be carried out.
Over tender disable error	E34 OVER TEND	Amount tendered must be equal or less than sale subtotal. Press **[CLEAR]** to proceed and enter smaller amount.
Under tender disable error	E35 UNDER TEND	Amount tendered must be equal or higher than sale subtotal. Press **[CLEAR]** to proceed and enter larger amount.

Amount tendered required	E36 AMOUNT REQUIRED	Amount tendered compulsory for this payment media. Press **[CLEAR]** to proceed.
Receive on Account function error	E37 RA PROHIBITED	Received On Account prohibited for this payment media. Press **[CLEAR]** to proceed.
Paid Out function error	E38 PO PROHIBITED	Prohibited to carry out P/O operation with this media. Choose other media type.
Drawer negative balance error	E39 DRAWER NEGATIVE	Negative amount in drawer prohibited for this payment media. Press **[CLEAR]** to proceed.

4.5 FISCAL MEMORY WARNINGS

Status	Display	Explanation
Fiscal memory read error	E40 F/M READ ERROR	Further ECR operation is blocked. Contact authorised CHD representative for service.
Fiscal memory connection problem	E41 F/M NOT CONNECT	Further ECR operation is blocked. Contact authorised CHD representative for service.
Fiscal memory write error	E42 F/M WRITE ERROR	Further ECR operation is blocked. Contact authorised CHD representative for service.
Fiscal memory filled	E43 F/M FULL ERROR	Further ECR operation is blocked. Contact authorised CHD representative for service.
Problem writing journal data to two SD cards simultaneously	E44 FILES DON'T MATCH	Contact authorised CHD representative for service.
PCB ID verification failed	E49 BOARD ERROR	Contact authorised CHD representative for service.

4.6 ELECTRONIC JOURNAL WARNINGS

Status	Display	Explanation
Electronic journal write error	E50 EJ WRITE ERROR	Check SD card. Contact CHD representative, if problem persists.
Electronic journal storage is near full	E51 EJ NEAR FULL	Empty journal storage to continue ECR operation.
Electronic journal daily file full.	E52 EJ FULL	Issue daily Z report to empty journal buffer storage.
Journal data write to internal SD card failed	E53 EJ 1 WRITE ERROR	Contact authorised CHD representative for service.
Journal data write to external SD card failed	E54 EJ 2 WRITE ERROR	Check external SD card. Contact CHD representative if problem persists.

4.7 OPERATION WARNINGS

Status	Display	Explanation
Number of the manually entered price symbols too large	E55 HIGH AMOUNT	Check price information and carry out registration repeatedly.
Number of the manually entered price symbols too low	E56 LOW AMOUNT	Check price information and carry out registration repeatedly.
Entered amount exceeds max input limit or sales total amount exceeds counter capacity	E57 AMOUNT TOO BIG	Enter correct amount or finalize sales (further sales are not possible).
Drawer negative balance error	E58 NEGATIVE BALANCE	Negative amount in drawer prohibited for this payment media. Press **[CLEAR]** to proceed.
Clerk system error	E59 CLERK SYSTEM OFF	Clerk system is not set-up. Clerk log-on is prohibited.

4.8 OTHER WARNINGS

Status	Display	Explanation
Customer display problem	E60 ERROR_DISPLAY	ECR further operation blocked. Contact authorised CHD representative for service.
ROM checksum error	E61 ROM CHEKSUM ERROR	ECR further operation blocked. Contact authorised CHD representative for service.
SD card changed without closing	E62 SD CARD CHANGED	Insert correct SD card or execute SD card closing.
Operation battery low	E63 BATTERY EMPTY	Replace operation battery or use mains power to operate ECR and charge the battery.
Memory back-up battery voltage low	E64 LOW BACK-UP BATTERY	Charge back-up battery, keep ECR in REG mode until battery is fully charged. Check X00 report for battery voltage.
FTP connection can not be established.	E65 FTP CONNECT FAILED	Check Ethernet communication and FTP settings, PRG53 and PRG52.
FTP login failed	E66 FTP LOGIN FAILED	Check FTP settings in PRG52.
Data send via FTP failed	E67 FTP SEND FAILED	Check FTP connection and settings PRG52.
SD card data verification failed	E68 SD VERIFY FAILED	Data on SD card is damaged or changed. Card ID does not match.
SD card is removed or not set properly	69 SD REMOVED	Check SD card presence.
Payment can not be used because it has no currency rate preset	E70 CUR.RATE NOT SET	Use other payments. Configure payments currency rates in PRG16.
Manual PLU price entry prohibited	E71 PRICE OVERRIDE	PLU can be sold by preset price only.
Transaction buffer full	E72 TOO MANY LINES	Sale must be finalized at this stage.

Transaction log file full	E74 TRN.LOG WRITE ERROR	Dump transaction log file to PC.
Void item can not be found in current sale.	E75 VOIDED ITEM NOT FOUND	Press **[CLEAR]** and try again void registration using correct item.
PC intervention error	E76 PC – RETRY LATER	Data read/delete process from PC is in progress. Wait before proceeding with other ECR operations.
Data base access error	E77 DATA LOCKED	Data base is locked. Currently other process is using this data. Wait before proceeding with other ECR operations.
Problem with reading weight information from scale	E79 SCALE ERROR	Press **[CLEAR],** try again, if problem persists check scale connection and PRG23 settings.
Operation error	E80 OPERATION FAILED	This key sequence can not be executed successfully. Press **[CLEAR]** and proceed with correct command.
Payment card error	E81 BAD CARD	Card number can not be recognized. Swipe card again.
The section has not been configured	E 83 NOT CONFIGURED	There are no entries in the chosen section table. Configure the table in S 01.
Quantity entry for PLU is compulsory	E86 QNTY. REQUIRED	Press **[CLEAR],** enter quantity and press **[X]** key or enter weight and press **[SCALE]** key.
EFT error	E90 EFT ERROR	There is a communication problem with EFT terminal or pinpad.
Internal system error	E99 INTERNAL ERROR	Internal system error code and appropriate file name displayed. Contact authorized CHD representative for assistance.
Report file error	E100 REPORT FILE ERROR	Report file damage noticed over FTP communications.

5 CLERK REGISTRATION

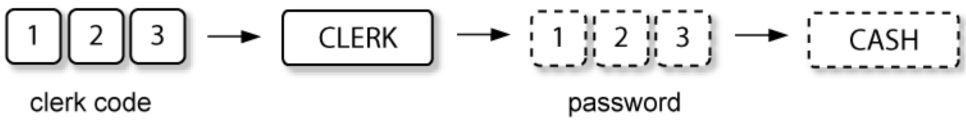
ECR 3050U provides work with clerk registration, if:

1) ECR is configured for operation with clerks;

2) key [CLERK] must be set.

Clerk log-in takes place entering the clerk code and, if requested, also the password.

LOG IN



According to previous settings, password entry can be skipped.

LOG OUT

Clerk Log-Out function is performed simply pressing 

.

6 OPERATION IN REGISTRATION MODE

REGISTRATION MODE provides the following operations:

1) **INSIDE SALE**

- DEPARTMENT REGISTRATION
- PLU REGISTRATION
- DISCOUNT AND SURCHARGE OPERATIONS
- PAYMENT REGISTRATION
- ERROR CORRECTIONS
- RETURN OPERATIONS
- NON-ADD NUMBER AND TEXT PRINT

2) **OUTSIDE SALE**

- TIME AND DATE DISPLAY
- NO SALE OPERATIONS
- LAST RECEIPT COPY PRINT
- RECEIVED ON ACCOUNT
- PAID-OUT

In case of error, ECR displays error warning consisting of the error number and error name designation, that is accompanied by a buzzer beep.

To remove error message, press key CLEAR **.**

7 SALE OPERATIONS

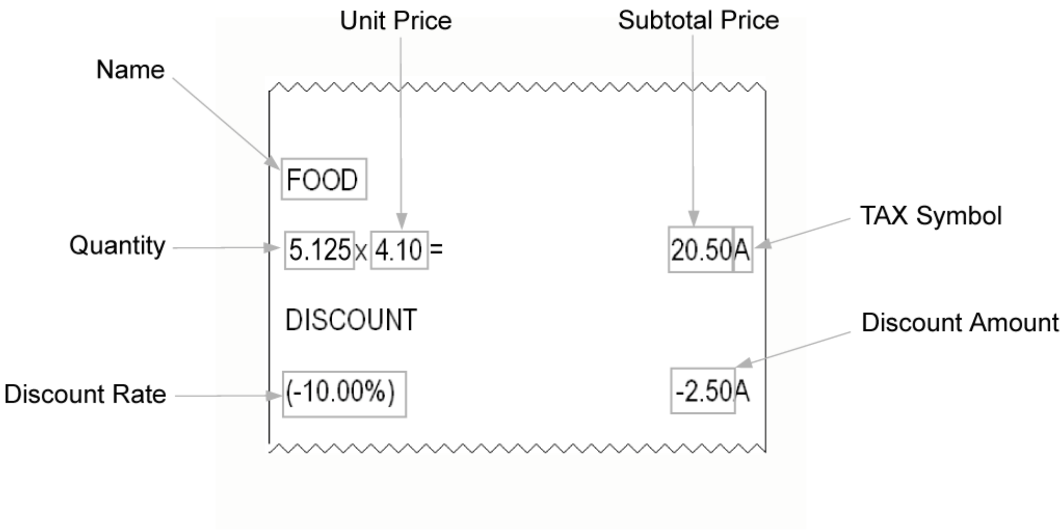
7.1 RECEIPT SAMPLE

Below is a typical receipt sample with the basic sale operations included. These operations are discussed in detail in the following sections.

RECEIPT HEADER	<><><><><><><><><><><><><><><><><><>		
	COMPUTER HARDWARE		
	DESIGN		
	DZELZAVAS 120i		
	RIGA		
	TEL 67802812		
	<><><><><><><><><><><><><><><><><><>		
	ECR S/N: 00000000		← ECR Number
	REC#00000043		← Receipt Number
	CLERK JANE		← Clerk Name
REGISTRATIONS	DEP 01	1.20A	← Department registration
	DEP 02	2.10B	
	DEP 02	2.10B	
	DEP 02	2.10B	
	DEP 03		
	5 x 4.10 =	20.50A	← Unit Quantity x Price
	DISCOUNT		← Discount
	(-10.00%)	-2.50A	← Discount Rate
	PLU 2	6.00A	← PLU Registration
	PLU 1	6.00A	
	EC		← Error Correct
	PLU 1	-5.00A	
	VOID		← Void Correct
	DEP 02	-2.10B	
	Subtotal	29.90	← Sales Subtotal
	SURCHARGE		← Sales Surcharge
	(15.00%)	4.49	← Sales Surcharge Rate
	Subtotal	34.49	
PAYMENT	------------------------------------		
	TOTAL EUR	34.39	← Sales Total
	CREDIT	20.00	← Non-cash Amount Tendered
	CASH	15.00	← Cash Amount Tendered
	Change EUR	0.61	← Change Amount
TAX INFORMATION	------------------------------------		
	TAXABLE TAX	TOTAL	
	WITH VAT-A 21.00%	9.35	← Tax A Taxable
	VAT-A 21.00%	2.49	← Tax
	WITH VAT-A 21.00%	11.84	← Total
	WITHOUT VAT-B 10.00%	18.00	← Tax B Taxable
	VAT-B 10.00%	2.50	← Tax
	WITH VAT-B 10.00%	20.50	← Total
RECEIPT FOOTER	------------------------------------		
	24.07.2016.	14:42	← Date, Time
	THANK YOU!		← Advertising Text

7.2 ITEM REGISTRATION SAMPLE

Below a detailed item registration in the receipt is displayed.



7.3 DEPARTMENT REGISTRATION

Departments in the receipt can be registered with:

- **PRESET PRICES**
- **MANUALLY ENTERED PRICES**
- **IN QUANTITY**
- **IN MULTIPLE REGISTRATIONS**
- **AS PRESET SINGLE REGISTRATION DEPARTMENTS**

The main key in department registration is [DEP.]

Decimal point is not used for price (amount) entries!

Registration sequence examples:

1) Registering item with price EUR 10.25 in the department ALCOHOL, the key sequence is as follows:

[1] → [0] → [2] → [5] → [ALCOHOL]

2) Registering item with price EUR 1.00 in department CLOTHING, the key sequence is as follows:

[1] → [00] → [CLOTHING]

Department options configurable in PRG mode:	
1.	Name
2.	Preset price 1
3.	Tax applicable / non-taxable
4.	Maximal entered amount
5.	Minimal entered amount
6.	Negative value
7.	Enable / disable zero price entry
11.	Single item sale PLU group

7.3.1 DEPARTMENT REGISTRATION WITH PRESET PRICE

If the department key is pre-set, it already includes price information. These preset departments can be registered in quantity and also as multiple registrations.

1 2 3 → X/TIME → SHIFT → DEP → DEP

amount

Example:

single registrations

DEP 1 → SHIFT → DEP 7

quantity registration

3 → X/TIME → SHIFT → DEP 8

multiple registration

DEP 3 → DEP 3 → DEP 3

Department →	DEP 01	1.50A	← Single Registration
	DEP 07	4.00B	← Single Registration
	DEP 08		
	3 x 3.00 =	9.00A	← Quantity Registration
	DEP 03	3.00A	←Multiple Registration
	DEP 03	3.00A	
	DEP 03	3.00A	

Sample issued in pre-set department registration operation

7.3.2 DEPARTMENT REGISTRATION WITH MANUAL PRICE

Any department can be registered with manually entered prices – prices that differ from the pre-set prices or are not pre-set at all.

[1] [2] [3] → [X/TIME] →
amount

[1] [2] [3] → [SHIFT] → [DEP] → [DEP]
price

Example:

single registrations

[5] [00] → [DEP 1]

quantity registration

[4] → [X/TIME] → [3] [5] [0] → [SHIFT] → [DEP 7]

multiple registration

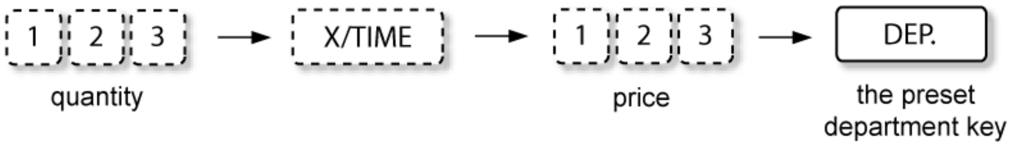
[DEP 7] → [DEP 7] → [DEP 7]

Department →	DEP 01	5.00A	← Single Registration
	DEP 07		
Amount Registration →	4 x 3.50 =	14.00A	← Quantity Registration
	DEP 07	3.50A	←Multiple Registration
	DEP 07	3.50A	
	DEP 07	3.50A	

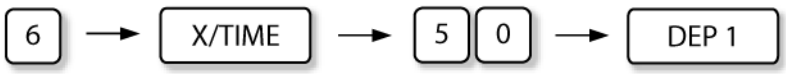
Sample issued in manual price department registration operation

7.3.3 Single Item Department Registration

If department is set as a single item, transaction is finalized automatically as a cash sale.



Example:




```
                                DEP 01
                                6 x 0.50 =              3.00A
Single Item Department →        ---------------------------
                                TOTAL EUR               3.00A   ← Total
                                CASH                    3.00A   ← Amount Tendered
```

Sample issued in single item department registration operation

7.4 PLU REGISTRATION

PLU codes provide easier work with the ECR. Each PLU number has assigned the item price, name and tax information to it. Implementing an item price, it can be changed inside PLU code that differs from the programmed price. PLU can have positive, as well as negative price values.

PLUs in the receipt can be registered with:

- **PRESET PRICES**
- **MANUALLY ENTERED PRICES**
- **IN QUANTITY**
- **IN MULTIPLE REGISTRATIONS**
- **AS PRESET SINGLE REGISTRATION PLUS**
- **LINKED PLUS**
- **DESIGNATING PLU PRICE LEVEL**

The main key in PLU registration is PLU

Decimal point is not used for price (amount) entries!

PLU options configurable in PRG mode:	
1.	Name
2.	Preset price 1
3.	Preset price 2
4.	Preset price 3
5.	Tax applicable / non-taxable
6.	Linked department
7.	Maximal entered amount
8.	Minimal entered amount
9.	Negative value
10.	Enable / disable zero price entry
11.	Linked PLU group
12.	Enable preset price override
13.	Quantity (weight) entry compulsory

7.4.1 STANDARD PLU REGISTRATION

There are 2 ways how to register a PLU:

1) [1] [2] [3] → [PLU]
code

2) barcode

< PLU registration>

Using any registration type it is possible to register quantity and/or multiple registrations:

[1] [2] [3] → [X/TIME] → < PLU registration> → [PLU] → ...
quantity

Example:

[1] [5] → [PLU]

[2] → [X/TIME] → PLU 54 → [PLU]

PLU →	PLU 15	1.40A	← PLU Fixed Price Registration
	PLU 54		
Quantity Registration →	2 x 2.00 =	4.00B	
PLU Name →	PLU 54	2.00B	← Multiple Registration

Sample issued in PLU registration operation

7.4.2 MANUAL PRICE PLU REGISTRATION:

PLU can be registered, entering the price manually.

[1] [2] [3] → [X/TIME] → [1] [2] [3] → [PRICE] → < PLU registration >

quantity price

Example:

[1] [5] → [PLU]

[2] → [X/TIME] → [2] [00] → [PRICE] → [1] [5] → [PLU]

PLU →	PLU 15 1.40A	← PLU Fixed Price Registration
Amount Registration →	PLU 15 2 x 2.00 = 4.00A	← Manual Price Registration

Sample issued in manual price PLU registration operation

7.4.3 SINGLE ITEM PLU REGISTRATION

If a PLU is linked to a single item department, **transaction is finalized automatically as a cash sale.** Such single item PLUs can be registered with manually entered prices and in the necessary quantity.

[1] [2] [3] → [X/TIME] → [1] [2] [3] → [1] [2] [3] → [PLU]

quantity — price — programmed PLU

Example:

[2] → [X/TIME] → [2] [5] [0] → [1] [5] → [PLU]

Single Item PLU →	Service		← Single Item PLU Registration
Quantity x Manual Price →	2 x 2.50 =	5.00A	

	TOTAL EUR	5.00A	← Total Registration
	CASH	5.00A	

Sample issued in single item PLU registration operation

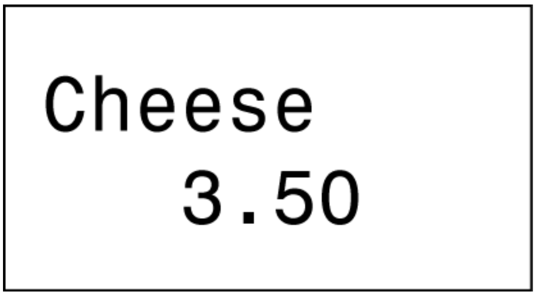
7.4.4 PLU NAME AND PRICE DISPLAY

Anytime during sale or outside sale, check the PLU price on clerk's display when necessary:

PRICE → < PLU Registration >

Example:

PRICE → 1 5 → PLU



Clerk Display PLU name and price display

7.5 DISCOUNTS AND SURCHARGES

Discounts and surcharges can be applied in:

- **RATES** -% +%
- **AMOUNT** - +

Discounts and surcharges can be applied to:

- **ITEMS**
- **SALES**

According to the ECR configuration discounts and surcharges can be pre-set to separate keys and in separate rates or amounts, but can be entered manually as well.

7.5.1 DISCOUNTS AND SURCHARGES FOR THE ITEM REGISTERED

ECR discount and surcharge keys, can have a pre-set rate or amount, as well as they can be used for performing the function in general and entering the rate and amount manually.

< registration > → [1] [2] [3] → [-%] or [-] or [+%] or [+]

Example: percent discount, manual rate entered

[DEP 01] → [1] [0] → [-%]

Department registration →	DEP 01	5.00A	
	DISCOUNT		
Discount Rate →	(-10.00%)	-0.50A	← Item Discount

Sample issued in item manual % discount operation

Example: discount, manual amount entered

[DEP 01] → [1] [00] → [-]

Department registration →	DEP 02	6.00A	
	DISCOUNT		
	(-)	-1.00A	← Discount Amount

Sample issued in item manual amount discount operation

Example: percent surcharge, manual rate entered

[DEP 01] → [2] [5] → [+%]

Department registration →	DEP 01	5.00A	
	SURCHARGE		
Surcharge Rate →	(25.00%)	1.25A	← Item Surcharge

Sample issued in item manual % surcharge operation

7.5.2 Discounts and Surcharges for Sale

As for a single item registered, the discount can be applied to the sale as well. It can be preset or entered manually.

< registration > → SUBTOTAL → 1 2 3 → -% or - or +% or +

Example: subtotal percent discount, manual rate entered

DEP 01 → DEP 03 → SUBTOTAL → 1 5 → -%

Department registration →	DEP 01	10.00A	
	DEP 03	20.00A	
	Subtotal	30.00	← Subtotal
	DISCOUNT		
Discount Amount →	(-15.00%)	-4.50	← Subtotal Discount Rate

Sample issued in sale manual % discount operation

Example: subtotal discount, manual amount entered

DEP 01 → DEP 03 → SUBTOTAL → 2 → -

Department registration →	DEP 01	10.00A	
	DEP 03	20.00	
	Subtotal	30.00	← Subtotal
	DISCOUNT		
	(-)	-2.00	← Subtotal Discount Amount

Sample issued in sale manual amount discount operation

Example: subtotal surcharge, manual amount entered

DEP 01 → DEP 05 → SUBTOTAL → 1 00 → +

Department registration →	DEP 01	5.00A	
	DEP 05	10.00A	
	Subtotal	15.00	← Subtotal
	SURCHARGE2		
Surcharge →	(+)	+1.00	← Surcharge Amount

Sample issued in sale manual amount surcharge operation

7.6 PAYMENTS

Payments are used to finalise sales.
ECR provides different types of payment media that have to be pre-set:

- **CASH TENDERS** CASH
- **NON-CASH TENDERS (CHARGE, CHECK, CREDIT etc.)** CHARGE CHECK CREDIT
- **IF THE ECR HAS BEEN CORRESPONDINGLY CONFIGURED, PAYMENTS CAN BE REGISTERED IN DIFFERENT CURRENCIES**

  CURRENCY

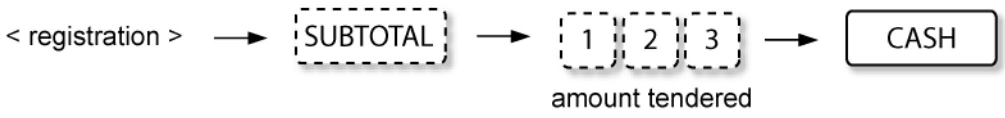
Tenders can be also split, using different media types.

Amount can be entered for each tender type and the ECR automatically prints the change on the receipt.

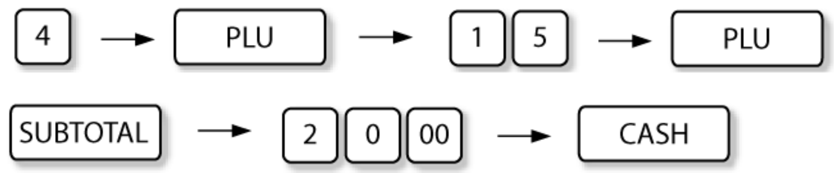
Payment media options configurable in PRG mode:	
1.	Name
2.	Currency
3.	Amount tendered compulsory
4.	Over tender prohibited
5.	Under Tender prohibited
6.	Subtotal gradation
7.	Open cash drawer
8.	R / A prohibited
9.	P / O prohibited
10.	Negative balance in drawer control
11.	Maximum entered amount
12.	Minimum entered amount
13.	Cash back

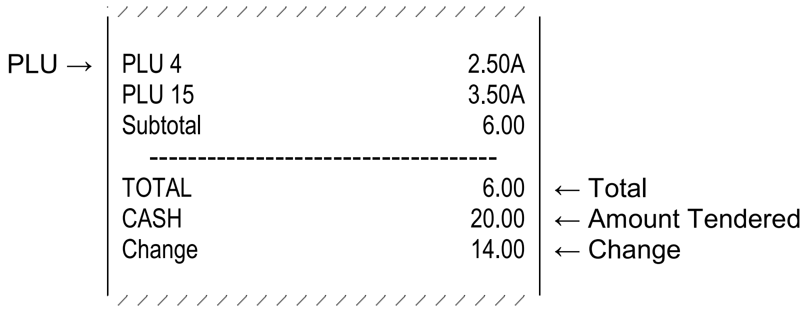
7.6.1 CASH TENDERS

Most common way to finalize sale is using cash payment. Sale can be finalized by cash totalled or cash tendered. In case of amount tendered payment method, the change amount is printed on receipt and displayed on the display.



Example: Sale finalised, cash tendered

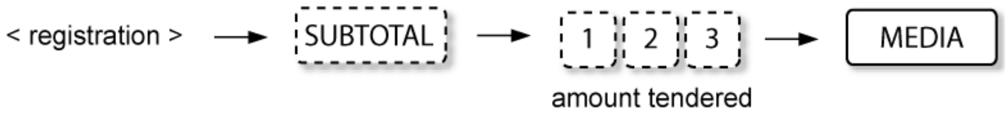




Sample issued in cash operation

7.6.2 NON-CASH TENDERS

Finishing registration and using non-cash media, the non-cash payment is individually configured according to ECR operation requirements, for example [**CARD**], [**CREDIT**], [**CHARGE**]. In such cases the tender is closed with additionally programmed functional non-cash payment key. The amount tendered can be entered if the media type is correspondingly configured.



Example:

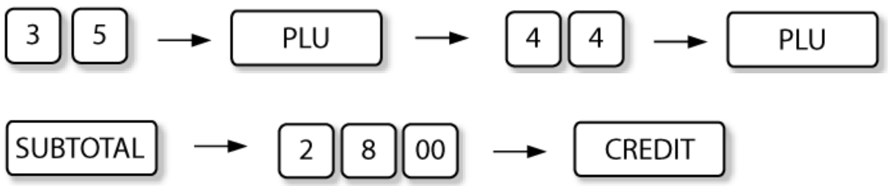
PLU Registration →

PLU 35	15.00
PLU 44	13.00

TOTAL EUR	28.00
CHARGE	28.00

← Charge Payment Media

Example:



PLU Registration →

Subtotal →

PLU 35	8.00
PLU 44	20.00
Subtotal	28.00

TOTAL EUR	28.00
CREDIT	28.00

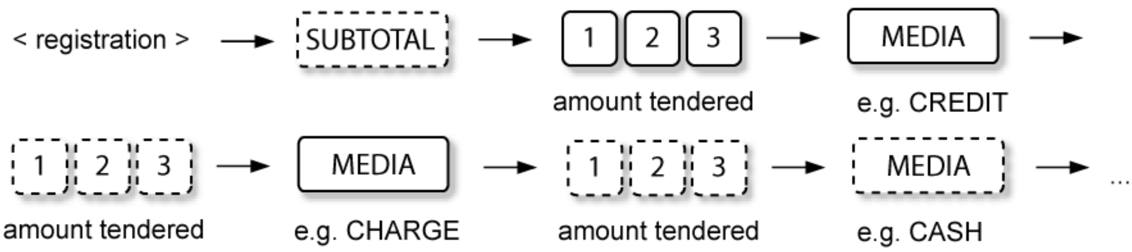
← Credit Payment Media

Samples issued in non-cash tender operations

7.6.3 SPLIT TENDERS

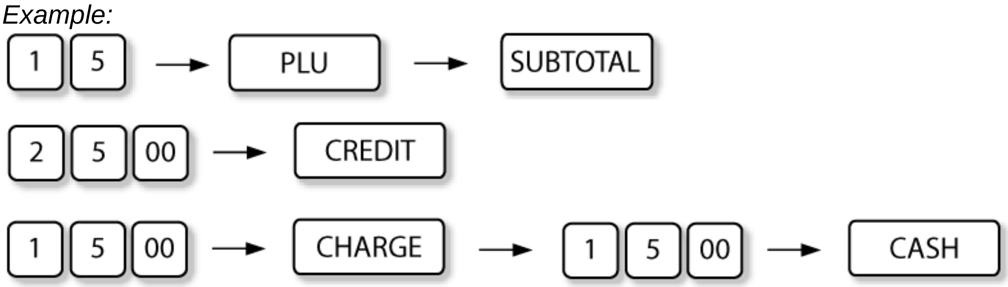
When finishing registration, ECR allows splitting tender, using multiple payment media – cash and other payment types (e.g., credit card, cheque, gift certificate).

Split tender using multiple payment types:



According to the situation the necessary payment media can be applied variously.

Example:



PLU 15	55.00A	
Subtotal	55.00	
TOTAL EUR	55.00	← Total
CREDIT	25.00	← Credit Media
CHARGE	15.00	← Charge Media
CASH	15.00	← Gift Certificate Media
Change EUR	2.00	← Change

Sample issued in split tender operations

7.6.4 CURRENCY TENDERS

ECR 3050U payment media keys can be configured also in other currencies.

When registering the payment in the necessary currency, the tendered amount entry is obligatory.

< registration> → [CURRENCY] → [1] [2] [3] → [CURRENCY]

amount tendered

Payments in currencies can be carried out also as split tenders, in different currencies and by different payment types, within the configured options.

Example:

[1] [5] → [PLU] → [USD] → [1] [5] [00] → [USD]

```
PLU registration →  PLU 15                          5.00 A
                    ------------------------------------
                    TOTAL EUR                       5.00   ← Total in EUR currency
                    CASH CURRENCY USD              10.00   ← Amount paid in USD currency
                    (RATE  0.727857) = EUR     7.27 )        (cash tender)
                    CHANGE EUR                      2.28   ← Change in EUR currency
```

Sample issued in split currency tender operations

7.7 ERROR CORRECTIONS

ECR provides the following correction functions:

CLEAR

- **CLEAR ERROR CONDITION**
- **CLEAR NON-REGISTERED ENTRIES**

EC

Error correct, used to cancel:

- **LAST ENTERED REGISTRATION,**
- **LAST ENTERED CHARACTER (BACKSPACE FUNCTION)**

VOID

Void used to cancel:

- **ANY REGISTRATION OF CURRENT SALE**

ITEM LIST CORRECTION

- **ANY ITEM REGISTERED IN OPEN SALES**

7.7.1 LAST ENTERED ITEM CANCEL

Key EC is used to cancel the last registration.

< registration > → EC

Example:

DEP 5 → EC

Last Item Error Correct →

```
DEP 05                              5.00A
** EC **
DEP 05                             -5.00A
```

Sample issued in last item error correct operation

7.7.2 PREVIOUS REGISTRATION CANCEL

Key [VOID] is used to cancel registration in an unfinished sale. (Correction is not available, if a new operation is begun.)

< registration > → [VOID] → < incorrect registration >

Example:

[1] [1] → [PLU] → [5] [6] → [PLU]

[VOID] → [1] [1] → [PLU]

	PLU 11	5.00 A
	PLU 56	3.50 A
Previous Item Error Correct →	** VOID **	
	PLU 11	-5.00 A

Sample issued in void operation

7.7.3 NON-FINALIZED SALE CANCEL

If the current transaction has to be cancelled before finalizing it, press:

< registration > → VOID → SUBTOTAL → VOID

Example:

1 1 → PLU → 5 6 → PLU

VOID → SUBTOTAL → VOID

Cancelled Transaction →

```
PLU 11                          500.00A
PLU 56                            4.50A
           ** TRN CANCELED **
  ------------------------------------
24.06.2011.                       14:42
               THANK YOU!
```

Sample issued in cancelled transaction operation

7.7.4 CORRECTING REGISTERED ITEMS LIST

After registering the items in the receipt within open sales it is possible to view a list of registered items and correct the items by selecting and deleting them from the list.

1) OPEN THE LIST:

< registration > → [R/A ↑] or [P/O ↓]

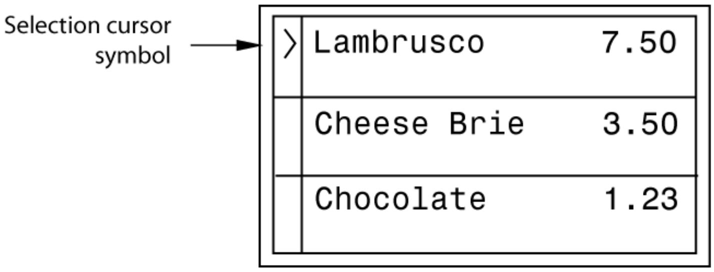
(open the start of the list) (open the end of the list)

2) SELECT THE ITEMS:

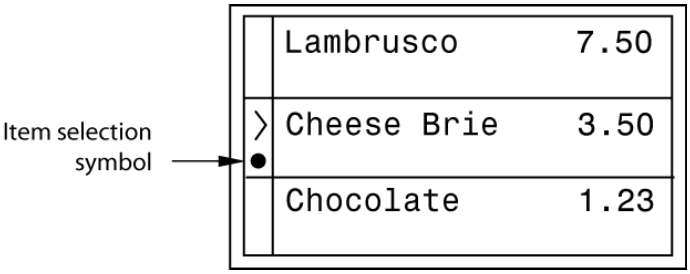
[R/A ↑] vai [P/O ↓] → [SUBTOTAL]

In the items list next to the items a selection cursor symbol is displayed, which can be moved up and down with the help of **[R/A ↑]** and **[P/O ↓]** keys.

Registered items list window



To select any of the items, press **[SUBTOTAL]** key**.** Selection symbol is displayed next to the item (black dot).



To cancel any selected item, repeatedly press **[SUBTOTAL]** key.

3) DELETE THE SELECTED ITEMS FROM THE LIST:

[VOID]

To delete any selected item or items from the list, press **[VOID]** key.

To cancel all the selected items and to close the item list window, press **[CLEAR]** key.

Example:

Key combination	Information displayed
Item registration: 1 2 3 (code) → PLU → 1 2 3 (code) → PLU → 1 2 3 (code) → PLU	Sales Lambrusco 7.50 Cheese Brie 3.50 Chocolate 1.23 12.23
Further item registration: 1 2 3 (code) → PLU → 1 2 3 (code) → PLU	Sales Chocolate 1.23 Sweets 1.80 Vanilla sugar 0.89 14.92
Opening the item list: R/A ↑ or P/O ↓	〉 Lambrusco 7.50 Cheese Brie 3.50 Chocolate 1.23
Moving the cursor through item list and selecting the items: P/O ↓ → SUBTOTAL	Lambrusco 7.50 〉● Cheese Brie 3.50 Chocolate 1.23

Key combination	Information displayed
Moving the cursor through item list and selecting the items: P/O ↓ → P/O ↓ → SUBTOTAL	● Cheese Brie 3.50 Chocolate 1.23 > ● Sweets 1.80
Deleting the selected items from open sales: VOID	Sales Vanilla sugar 0.89 Cheese Brie -3.50 Sweets -1.80 9.62

Example in receipt:

EKA S/N: 00000000
REC#00000061

Lambrusco	7.50
Cheese Brie	3.50
Chocolate	1.23
Sweets	1.80
Vanilla sugar	0.89
* * EC * *	
Cheese Brie	-3.50
* * EC * *	
Sweets	-1.80
TOTAL	9.62

Correcting registered items

7.8 RETURN OPERATIONS

[RETURN] key is used to register the returned items and return money for them to the customer.

[RETURN] → < return registration >

Key [RETURN] has to be pressed prior each return registration.

Example:

[RETURN] → [2] → [X/TIME] → [1] [5] → [PLU]

```
ECR S/N: 00000000
REC#00000043
CLERK JANE
** RETURN **                      ← Returning Operation
PLU 15
2 x 5.00                 -10.00A
 -----------------------------------
```

Sample issued in return operation

7.9 NON-ADD NUMBER PRINT

This function is used to print numeric information on the receipt.

[1] [2] [3] → [# / NS]

max. 34 characters

Example:

[1] [6] → [PLU]

[3] [5] [4] [2] [8] [6] → [# / NS]

```
PLU 16                 3.00A
                    354286 #   ← Non-Add Number
```

Sample issued in non-add number print

In case of mistake, to delete the last entered character press:

[EC]

7.10 NON-ADD TEXT COMMENT PRINT

This function is used to print comment line on receipt (anytime, inside the sale). The comment line can be up to 34 characters long.

> ⚠ To enter requisites or other information longer than 34 symbols, enter several lines according to the provided algorithm.

ALPHA → A B C → # / NS

On each entry key character and number symbols are displayed. Press the relevant key as many times as necessary till the desired symbol appears on the display. Press the key and hold it to display the number symbol of the relevant key.

To delete the last entered character, press:

EC

Example:

ALPHA → M R . _ S M I T H → # / NS

ALPHA → S U N R _ 3 8 _ N Y → # / NS

```
ECR S/N: 00000000
REC#00000043
CLERK JANE
                    MR. SMITH #   ← Text Comment
                   SUNR 38 NY #
```

Sample issued in Non-Add number print operation

8 OUTSIDE SALE OPERATIONS

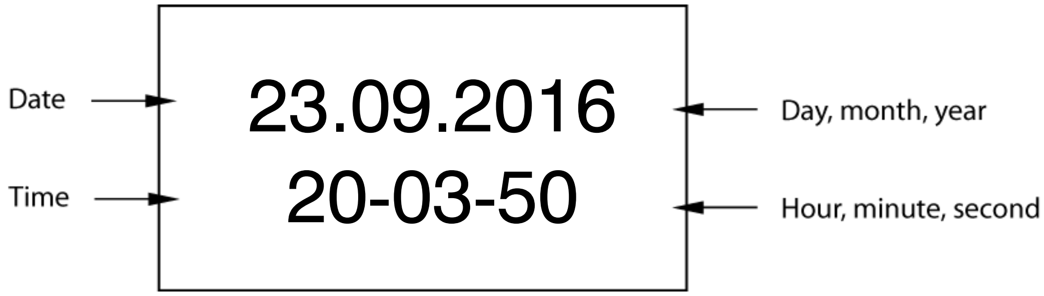
These operations include:

- **TIME AND DATE DISPLAY**
- **NO SALE OPERATION** (OPTIONAL EQUIPMENT)
- **LAST RECEIPT COPY PRINT**
- **RECEIVED ON ACCOUNT**
- **PAID OUT**

8.1 TIME AND DATE DISPLAY

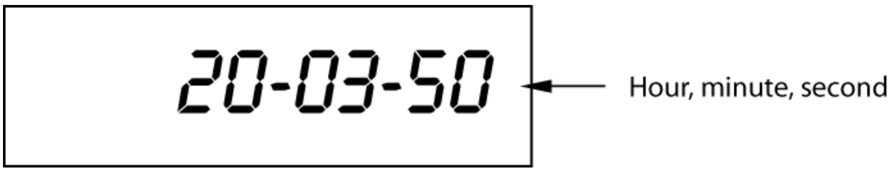
To see date and time on display, press key: X/TIME

To return to the starting position, press key: CLEAR



Time and date display on clerk display

If time display is activated, then also the client display shows the time.



Time and date display on customer display

8.2 NO SALE OPERATIONS (OPTIONAL EQUIPMENT)

If the cash register is equipped with the optional drawer, a no sale operation opens the cash drawer, for example, for giving change, testing the receipt/journal print operation etc. However, the financial report records the no-sale activity count.

#/ NS

```
        ECR S/N: 00000000
        REC#00000043
        CLERK JANE
        NO SALE                       ← No Sale Record
Date →  03.08.2015          14:54     ← Time
                THANK YOU!
```

Sample issued in No Sale operation

8.3 LAST RECEIPT COPY PRINT

To print a copy of the last registered transaction, press: SUBTOTAL

```
               ** RECEIPT COPY **          ← Copy indication
        ECR S/N: 00000000
        REC#00000043
        CLERK JANE
        DEP 01                     5.50A
        TOTAL EUR                   5.50
        CASH                        5.50

Date →  03.08.2015                 14:54   ← Time
                  THANK YOU!
```

Sample issued in receipt copy operation

8.4 RECEIVED ON ACCOUNT

This function is used to register money which is added to the drawer outside the sale. After this operation amount of payment media in the drawer is increased.

R/A → 1 2 3 → X/TIME → 1 2 3 → CASH

quantity amount

Example:

R/A → 2 00 0 → CASH

```
ECR S/N: 00000000
REC#00000043
CLERK JANE
         RECEIVED ON ACCOUNT
    ------------------------------------
CASH
1 x  20.00 =                       20.00
    ------------------------------------
```

Amount → (1 x 20.00)

← Cash Inserted (20.00)

Example:

R/A → 2 → X / TIME → 2 00 0 → CASH

```
ECR S/N: 00000000
REC#00000043
CLERK JANE
         RECEIVED ON ACCOUNT
    ------------------------------------
CASH
2 x  20.00 =                       40.00
    ------------------------------------
```

Quantity x Amount → (2 x 20.00)

← Cash Inserted (40.00)

Samples issued in RA operation

8.5 PAID-OUT OPERATIONS

This function is used to register amount of money which is taken out from the drawer for registration. This function reduces drawer's content. This operation can be used in case of money collection.

P/O → [1][2][3] (quantity) → X/TIME → [1][2][3] (amount) → CASH

Example:

P/O → [5][00] → CASH

```
ECR S/N: 00000000
REC#00000043
CLERK JANE
                PAID OUT
   ------------------------------------
CASH
1 x  5.00 =                        5.00
   ------------------------------------
```

Amount → (1 x 5.00 =) ; ← Cash Collected (5.00)

Example:

P/O → [1][0] → X / TIME → [5][00] → CASH

```
ECR S/N: 00000000
REC#00000043
CLERK JANE
                PAID OUT
   ------------------------------------
CASH
10 x  5.00 =                      50.00
   ------------------------------------
```

Quantity x Amount → (10 x 5.00 =) ; ← Cash Collected (50.00)

Samples issued in PO operation

9 REPORTS

X - Read Reports are printed, **without zeroing** the current readings
Z - Reset Reports are printed, the current readings are set to zero.
1 - daily
2 – periodic

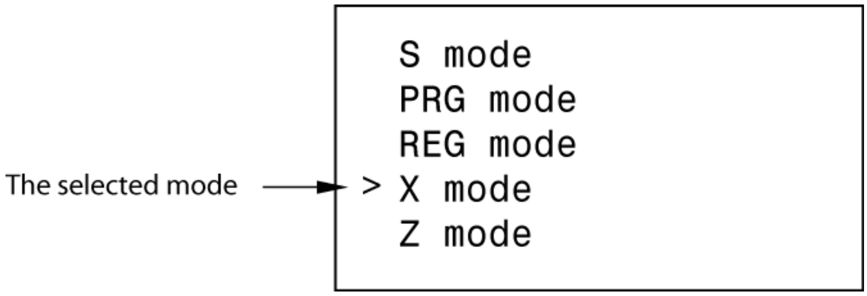
Reports in both modes have equal formats – only the X or Z report mode symbols are different.

ALL REPORTS ARE PRINTED IN X OR Z MODES!

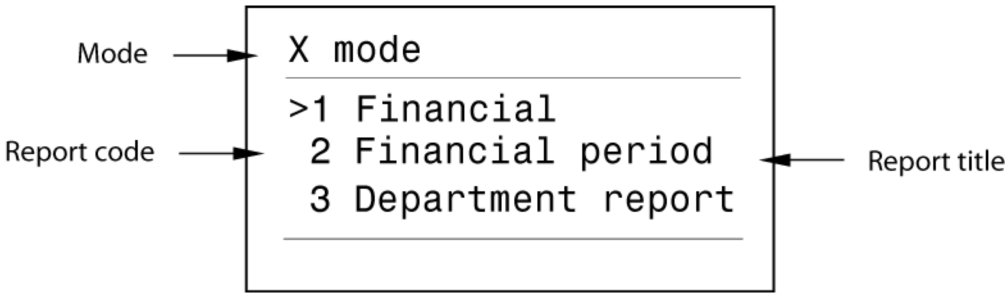
To print reports, accordingly choose X or Z mode.

To open mode menu display, press:

SHIFT → CASH



To choose report, use R/A ↑ and P/O ↓ **keys, which navigate you through the list, select the necessary report and press** CASH **.**



The corresponding mode report list is displayed. Choose the necessary report, using R/A ↑ and P/O ↓ keys and press key CASH to print the desired report.

Be sure to issue all the necessary read reports sales data before executing any reset reports.

To cancel report printing, press key CLEAR

9.1 REPORT PRINTING COMMANDS

REPORT	MODE	KEY SEQUENCE
Daily Financial Report	X/Z	01 **[CASH]**
Financial Period Report	X/Z	02 **[CASH]**
Department Report	X/Z	03 **[CASH]**
Department Range Report	X/Z	(starting dep.#) **[#/NS]** (end dep.#) **[#/NS]** 03 **[CASH]**
Single Department Report	X/Z	(department #) **[#/NS]** 03 **[CASH]**
Department Period Report	X/Z	04 **[CASH]**
Department Period Range Report	X/Z	(starting dep.#) **[#/NS]** (end dep.#) **[#/NS]** 04 **[CASH]**
Single Department Period Report	X/Z	(department #) **[#/NS]** 04 **[CASH]**
PLU Report	X/Z	05 **[CASH]**
PLU Range Report	X/Z	(starting PLU#) **[#/NS]** (end PLU#) **[#/NS]** 05 **[CASH]**
Single PLU Report	X/Z	(PLU #) **[#/NS]** 05 **[CASH]**
PLU Period Report	X/Z	06 **[CASH]**
PLU Period Range Report	X/Z	(starting PLU#) **[#/NS]** (end PLU#) **[#/NS]** 06 **[CASH]**
Single PLU Period Report	X/Z	(PLU #) **[#/NS]** 06 **[CASH]**
Clerk Report	X/Z	08 **[CASH]**
Clerk Range Report	X/Z	(starting clerk #) **[#/NS]** (end clerk#) **[#/NS]** 08 **[CASH]**
Single Clerk Report	X/Z	(clerk #) **[#/NS]** 08 **[CASH]**
Clerk Period Report	X/Z	09 **[CASH]**

REPORT	MODE	KEY SEQUENCE
Clerk Period Range Report	X/Z	(starting clerk #) **[#/NS]** (end clerk #) **[#/NS]** 09 **[CASH]**
Single Clerk Period Report	X/Z	(clerk #) **[#/NS]** 09 **[CASH]**
Hourly report	X/Z	12 **[CASH]**
In-drawer report	X	13 **[CASH]**
Customer report	X/Z	36 **[CASH]**
Customer Range Report	X/Z	(starting customer #) **[#/NS]** (end customer#) **[#/NS]** 36 **[CASH]**
Single Customer Report	X/Z	(customer #) **[#/NS]** 36 **[CASH]**
Customer Period Report	X/Z	37 **[CASH]**
Customer Period Range Report	X/Z	(starting customer #) **[#/NS]** (end customer #) **[#/NS]** 37 **[CASH]**
Single Customer Period Report	X/Z	(customer #) **[#/NS]** 37 **[CASH]**
Preset report list	X/Z	61 **[CASH]** or larger report list # **[CASH]**
Singe Receipt Copy from EJ	X	Rec. No. **[#/NS]** 70 **[CASH]**
Range Receipt Copy from EJ	X	(starting #) **[#/NS]** (end #) **[#/NS]** 70 **[CASH]**
System information Report	X	0 **[CASH]**

9.2 FISCAL REPORT COMMANDS

REPORT	MODE	KEY SEQUENCE
Fiscal memory dump report by 2 report numbers, detailed	Z	(starting Z #) **[#/NS]** (end Z #)**[#/NS]** 51 **[CASH]**
Fiscal memory dump report by date, detailed	Z	(starting date DDMMYY) **[#/NS]** (end DATE DDMMYY) **[#/NS]** 52 **[CASH]**
Fiscal memory dump report by 2 report numbers, summary	Z	(starting Z #) **[#/NS]** (end Z.#)**[#/NS]** 51 **[SUBTOTAL]**
Fiscal memory dump report by date, summary	Z	(starting date DDMMYY) **[#/NS]** (end DATE DDMMYY) **[#/NS]** 52 **[SUBTOTAL]**

9.3 FINANCIAL REPORT

Receipt header →	<><><><><><><><><><><><><><><><><>			
	COMPUTER HARDWARE			
	DESIGN			
	DZELZAVAS 120i			
	RIGA			
	TEL 67802812			
	<><><><><><><><><><><><><><><><><>			
	ECR S/N: 00000000			← ECR Number
	REC#00000043			← Receipt number
Financial Report →	FINANCIAL REPORT			
	Z1		Z1:0001	← Report mode, number
Tax Information →	TAXES			
	TAX-A RATE		21.00%	← Tax rate
	WITH TAX-A		452.83	← Amount with tax
	WITHOUT TAX-A		374.23	← Amount without tax
	TAX-A		78.60	← Tax total
	TAX-B RATE		10.00%	
	WITH TAX-B		1025.71	
	WITHOUT TAX-B		932.48	
	TAX-B		93.23	
	<><><><><><><><><><><><><><><><><>			
	WITH TAX TOTAL			
	WITHOUT TAX TOTAL			
	TAX TOTAL			
Sales Information →	SALES			Daily Sales Quantity
	NET SALES	28	1478.54	← Daily Sales Total Amount
	NEGATIVE TRANSACTIONS	4	-38.82	← Negative Transactions
Sale Totals →	TENDER SALES			← Sale Totals
	CASH EUR	22	439.48	← Payment Media, quantity, amount
	CASH EUR	6	52.70	
	(= LVL		45.06)	
	CREDIT EUR	4	994.00	
	TOTAL		1478.54	← Sales Totals
Received on Account →	R/A			
	CASH	1	74.10	← Media, Quantity, Amount
Paid Out →	P/O			
	CASH	1	10.10	← Media, Quantity, Amount
Media In-Drawer →	IN DRAWER			
	CASH EUR		503.48	← Cash Amount
	CASH EUR		52.70	
	(= LVL		37.04)	

CREDIT EUR	994.00	← Credit Amount
IN DRAWER TOTAL	1534.52	← In Drawer Total

Discounts/Surcharges →	DISCOUNTS/SURCHARGES			
	DISCOUNT 1 %-	10.00%		← Name, Preset Discount Rate
		5	-15.03	← Quantity, Amount
	DISCOUNT 2 (-)	1.00		← Name, Preset Discount Amount
		3	-3.00	← Quantity, Amount
	SURCHARGE %+	15.00%		← Name, Surcharge Rate
		7	11.28	← Quantity, Amount
Grant Total →	GRAND TOTAL			
	GT		1517.36	← Grand Total
Corrections →	CORRECTIONS			
	ITEM VOID	4	6.42	Corrected Item Quantity, Amount
	ERROR CORRECTION	5	177.50	Cancelled Last Item
	REFUNDS	4	-38.82	Returned Item
	CANCELLED TRANSACTIONS	1	5.75	Cancelled Transaction
Receipt Footer →	24.07.2016.		14:42	← Date, Time
CRC checksum →	CRC32 657984			

Financial report sample

9.4 DEPARTMENT REPORT

	<><><><><><><><><><><><><><><><><><>			
	ECR S/N: 00000000			
Receipt header →	REC#00000043			
	X1			← Report mode

Department Report →	DEPARTMENTS			

	DEP 01	56.000	423.41	← Department, Quantity, Amount
	DEP 02	16.000	1025.71	← Department, Quantity, Amount
	DEP 03	7.000	29.42	← Department, Quantity, Amount

	DEPARTMENT TOTAL		1478.54	← Total of all Departments
Receipt footer →	24.07.2016.		14:42	

Department report sample

9.5 PLU REPORT

	<><><><><><><><><><><><><><><><><><>			
	ECR S/N: 00000000			
Receipt Header →	REC#00000043			
	CLERK01			
	X2			← Report mode

PLU Report →	PLU			

	345			← PLU Code
	CHOCOLATE	2.000	10.00	← PLU Name, Quantity, Amount
	57			
	ICE-CREAM	20.000	122.45	
	468			
	WINE	25.00	250.00	
	789			
	MILK	-2.000	-22.00	
	978			
	SWEETS	1.000	-2.00	

	PLU TOTAL		358.45	← Total
Receipt Footer →	24.07.2016.		14:42	

PLU report sample

9.6 HOURLY REPORT

```
                      <><><><><><><><><><><><><><><><><><>
                      ECR S/N: 00000000
Receipt header →      REC#00000043
                      CLERK01
                      X1                                        ← Report mode
                          ------------------------------------
Hourly Report →                         HOURLY
                          ------------------------------------
                      14:00-14:59            28     1478.54     ← Period, Quantity, Amount
                      15:00-15:59             2       15.56
                      16:00-16:59            11      207.61
                      17:00-17:59             6       46.30
Receipt Footer →      24.07.2016.                     14:42
```

Hourly report sample

9.7 DRAWER REPORT

	<><><><><><><><><><><><><><><><><><>		
	ECR S/N: 00000000		
Receipt header →	REC#00000043		
	CLERK01		
	X1		← Report mode

Media In Drawer →	IN DRAWER		

	CASH EUR	503.48	← Cash in Drawer
	CASH EUR	52.70	
	(= LVL	37.04)	
	CREDIT EUR	994.00	← Credit in Drawer

	IN DRAWER TOTAL	1534.52	← Total in Drawer
Receipt Footer →	24.07.2016.	14:42	

In drawer report sample

9.8 CLERK REPORT

	<><><><><><><><><><><><><><><><><><>			
	ECR S/N: 00000000			
Receipt header →	REC#00000043			
	CLERK01			
	X2			← Report mode

	CLERK			

	CLERK 01 (ANN)			← Clerk ID# (Name)
	GROSS SALES	1	31.95	← Gross Sales, Quantity, Total
	NET SALES	1	34.39	← Net Sales
	CANCELED TRN	0	0.00	← Cancelled Transactions
	DISCOUNT	1	-2.05	← Discounts
	SURCHARGE	1	4.49	← Surcharges
	ITEM VOID	1	2.42	← Items Cancelled
	MODIFIER VOID	0	0.00	← Modifiers cancelled
	ERROR CORRECT	1	5.75	← Items corrected
	REFUNDS	0	0.00	← Items Returned

	CLERK 02 (JANE)			← Clerk ID# (Name)
	GROSS SALES	6	46.46	← Gross Sales, Quantity, Total
	NET SALES	6	46.30	← Net Sales
	CANCELED TRN	1	560.88	← Cancelled Transactions
	DISCOUNT	1	-0.16	← Discounts
	SURCHARGE	0	0.00	← Surcharges
	ITEM VOID	0	0.00	← Items Cancelled
	MODIFIER VOID	0	0.00	← Modifiers cancelled
	ERROR CORRECT	0	0.00	← Items corrected
	REFUNDS	1	-7.89	← Items Returned

Receipt Footer →	24.07.2016.		14:42	

Clerk report sample

FOR NOTES

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