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**WE WISH YOU PLEASANT WORK  
WITH ELECTRONIC CASH REGISTER  
DATECS MP-55!**

## INTRODUCTION

**DATECS MP-55** is a programmable cash register. Its functions are flexible and address a variety of needs in sales, supermarkets, pharmacies, restaurants etc. It has complete report-making capabilities.

In the following pages, you will find the necessary information for electronic cash register **DATECS MP-55**. Here are given important instructions for the installation of the cash register, for its proper use and maintenance.

Here are described all modes and possible applications of **DATECS MP-55**.

- ECR** – Electronic Cash Register
- PLU** – item
- C** – cash register
- FM** – fiscal memory
- REG** – registration of sales
- PGM** – programming
- VOID** – cancel of sales
- PF** – paper feed
- PIN** – personal identification number

### *Terminology*

THE INFORMATION IN THIS DOCUMENT CANNOT BE REPRODUCED IN ANY MECHANICAL, ELECTRICAL OR ELECTRONIC WAY AND UNDER ANY CIRCUMSTANCES WITHOUT THE WRITTEN CONSENT FROM DATECS LTD.  
Sofia 1113 – Bulgaria, tel./fax: +359 2 971 23 45, e-mail: sales@datecs.bg  
VERSION 01/EN

## Technical characteristics

Number of items/PLU	Up to 2400 PLUs for shops, up to 1700 for restaurants
Name of an item/PLU	Up to 22 characters
Inventory Quantity (Sold quantity of an item)	Up to 99999,999
PLU code range	0 to 9999, up to 999 999 999 with PC connection
Barcode of an item	EAN-13, EAN-8, UPC
Number of Tax Groups	Up to 8
Number of Item Groups	Up to 99
Number of stands	Up to 9
Number of operators	Up to 30 operator names and passwords, 8 operators can work simultaneously
Copies of a receipt to be signed by the customer /payment with card/	Up to 3
Number of internal receipts	Up to 3
Types of work organization:	– Check-out; – One cash register and several operators; – One operator serving several stands; – Waiter services (In restaurant mode)
Types of payment	In cash, by check, on coupons or with card (local)
Memory 128kByte CMOS RAM	Stores information for at least 90 days after switching off the ECR

Fiscal memory	Energy independent with capacity for more than: – 4900 receipts when 3 tax groups; – 3700 receipts when 5 tax groups; – 2800 receipts when 8 tax groups
Thermal printer Citizen MLT-288	Speed of printing: – 10 lines per second; – 18 characters per line
Display	10-digit numeric LCD with several icons. Optional 10-digit numeric LCD customer's display
Interface (optional)	PC connection; Barcode reader connection; Weights (scales) connection; Cash drawer connection
Battery (optional)	Economic mode when working on batteries
Cash drawer (optional)	5 sections for coins and 4 for bank notes
Consumables – thermal paper roll	– Width 28mm (for customer) + 28mm (for tax inspector) – Thickness from 60 to 70 µm – Diameter of roll – 40 mm
Power supply	220V +22/-33V, 50Hz ±1Hz, 33VA
Clock	Works at least for 90 days after switching off the ECR
Dimensions	L320 x W226 x H92 mm
Weight	1680 kg

## ECR CONSTRUCTION

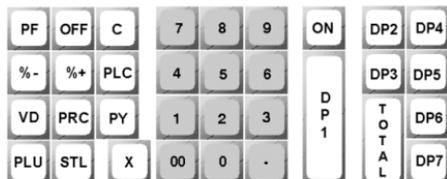
### ECR Outlook



- 1 – Upper cover  
 2 – Printer Cover  
 3 – Operator's Display  
 4 – Keyboard  
 5 – Power supply  
 6 – Interfaces  
 7 – Bottom cover  
 8 – Customer's Display

### Keyboard

The keyboard consists of 33 keys –  
 21 functional /selection/ and 12 numeric



### Displays

Datecs MP-55 has two 10-digit numeric LCD displays with several icons – one for the operator and one for the customer. Both displays show same information.



### Printer

The Electronic Cash Register **DATECS MP-55** uses a thermal printer type MLT-288, manufactured by the Japanese company Citizen. For ensuring proper work of the printer it is recommended to use only consumable (thermal paper rolls ) which meet the following requirements:

- width - 28 mm +0/-1mm for customer's receipt
- width – 28 mm for tax inspector's receipt
- thickness – 60-70 µm
- diameter of roll – 40 mm

### Cash drawer

The ECR controls cash drawer for coins and bank notes. Number of sections for bank notes – 4, number of sections for coins –5;

### Memory

The operating memory of the ECR stores the information accumulated in the process of registration of sales. An internal battery supports the memory and ensures storage of the information for over 90 days if power is cut off.

### Fiscal memory

Fiscal Memory is energy independent. The information written there cannot be changed. The size of FM guarantees work of the cash register from 3 to 10 years. This time period depends on the frequency of ECR clearing and the number of tax groups.

### Installation

Open the carton box and take out the cash register. Take off all packaging. Place the cash register on a place suitable for work.

### ATTENTION!

Do not place the cash register under direct sunlight and close to sources of strong heat!

Place the cash register so that the customer and the operator can simultaneously see well information on display!

Do not place the cash register in dusty environment!

Electrical requirements of the cash register are 220V +22/-33V, frequency 50Hz +-1Hz.

Pressing key **ON** turns on the ECR.

The display will show: [ ECR ] **OFF**

With key **0** the ECR is turned off.

The display will show: [ ECR ] **ECR \_ OFF**

You can turn off the ECR in any mode by pressing simultaneously: [ DP5 ] [ DP6 ] [ DP7 ]

**ATTENTION!**

The cash register should not be connected in power connection-blocks together with other power consumer devices /e.g. refrigerators, freezers, stoves etc./

24 hours before start of work plug in the ECR in mains power so that the battery begins to charge.

**BEFORE START OF WORK CHECK IF THERE ARE PAPER ROLLS IN THE ECR!**

The cash register will not work if the paper rolls are not inserted properly.

Periodically check if there is enough paper and if it runs out or is low insert new rolls.

When the paper runs out the display will show PF.

When removing paper roll never pull the paper backwards – this will damage the printing mechanism and the ECR will be locked.

**Loading paper rolls**

Lift off the printer cover.

Place the new rolls in roll bed, with the paper coming toward you from underneath.

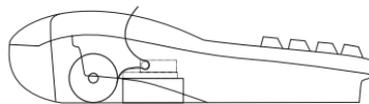
Press key **PF** until the paper end of both rolls show at outlet.

Press to advance the paper rolls about 20 cm from the top of the printer.

Insert the end of tax inspector roll into paper winder and place winder in its place.

Get the paper end of customer roll through slit of paper cover and insert the paper cover at its place.

Press key **C**.



*Correct loading of paper*



*Wrong loading of paper*

When a new paper roll is loaded the cash register continues to work from the point it has stopped.

**Maintenance  
Rules**

Protect the cash register from hits, strong shaking and other possible mechanical damages.

The cash registered should be cleaned with soft cloth and proper cleaning liquid.

The printer and the keyboard should be regularly cleaned from dust, pieces of paper and others with a soft cloth or soft brush.

Only an authorized service technician should do breaking the seal of the cash register for repair. Every repair should be done only when power supply is switched off.

It is recommended that every 6 months a qualified service technician examine the cash register.

The information accumulated in the cash register's memory is stored for at least 90 days after the ECR is switched off.

If the cash register has not been used for a long time it is necessary to charge the battery. The ECR is plugged in mains supply for 24 hours in mode REGISTRATION.

If the cash register will not be used for more than a year, remove the batteries from the ECR, and before it is to be used again new batteries have to be inserted.



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## *Operation modes*

If you yourself program the cash register please first read carefully **Programming mode (PGM)** of the cash register.

If a service technician has programmed the cash register go to **Registration mode (REG)**.

The operation modes of the cash register are selected when the display shows  and one of the following keys is pressed:

	mode REG – Registration of sales,
	mode X – Report without clearing, ECR not cleared
	mode Z – Report and clear
	mode PGM – Programming of the ECR
	– Loading a logo
	– Test mode
	– Programming and report of ECR from PC
	– Showing of current hour and minute (clock mode)

In every state of the cash register when key  is pressed the ECR goes to state „OFF“.

After an operation mode is selected on display will be shown a request for entering operator's password 

For entering in the mode the operator enters his password

and presses key .

In mode „REG“ you can enter with the password of every operator.

In mode „X“ – with the passwords of the operators with no. 25 to 30.

In mode „Z“ – with the passwords of the operators with no. 27 to 30

In mode „PGM“ – with the passwords of the operators with no. 29 to 30.

*By default the passwords of the operators correspond to their numbers (1-30).*

## 1. Programming (PGM)

In this mode the memory of the ECR is programmed (PGM1) and the fiscal memory is programmed (PGM2).

In mode **PGM** you can enter only from state „OFF“, **only if the ECR is clear**,

by pressing key ,

entering password of operator (from 29 to 30) and then pressing .

Now you can enter in the following modes:

**PGM1** – key  **PGM2** – key 

**For clearing the ECR please do the following:**

1. Check if the ECR is cleared by pressing consecutively keys:

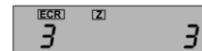


The display will show:



Press  and if the ECR is clear

the display will show:



Else display will show:



For report and clear of the ECR press first key  then .

The ECR will print all types of reports and the display will show:



With key  you will end clearing – then a message that ECR is clear will be printed.

## Functions of the keys when in MODE PROGRAMMING

**Functional keys** To select the required line and field from the Programming tables, described below:

-  Go to next table. After the table with maximum number is the table with the least number.
-  Go to next line
-  Go to previous line
-  Go to next field
-  Go to previous field
-  Save input data
-  Read field parameters (address/contents)
-  Print input data
- 
  1. Save in fiscal memory or in clock/calendar the contents of a line from respective table (save of new contents in FM and in clock-calendar is done by pressing key  )
  2. Direct access to line N:
    - press key 
    - with the numeric keys select the necessary line no. – N;
    - press once again key 
-  Select the first symbol register of the Latin alphabet

 Select the second symbol register of the Latin alphabet

 Select the third symbol register of the Latin alphabet.

By pressing again  is selected the corresponding  or  symbol register of the Cyrillic alphabet.

 Select the fourth symbol register - special symbols.

By pressing again  zero symbol register is selected – the numeric value of the keys!

### Information keys

For entering data in numeric fields use the numeric keys 0-9.

Key  is used for deleting the entered data. When entering data in a field, where only 1 and 0 are the possible values then the other numbers are locked.

Entering data in alphanumeric fields is done with the help of the information keys, on which are placed all characters from the Cyrillic and Latin alphabets and special symbols. The layout of the information keys depends on the selected symbol register.

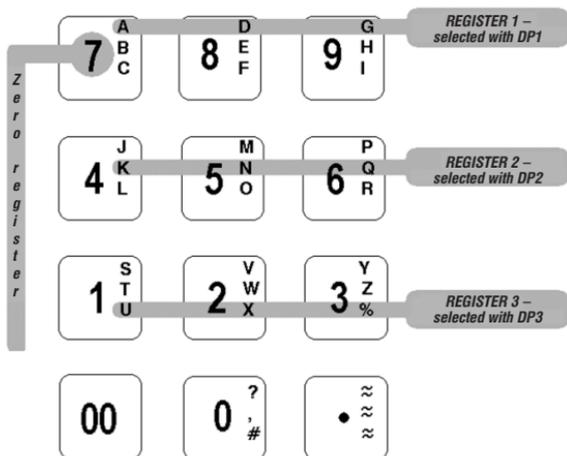
Key  is used to enter a space.

On the following diagrams you will find the layout of the keyboard - register and meaning of the information keys, according to selected register.

The symbol registers of the keyboard are displayed as follows:

	<b>Zero register</b> Digits		<b>First register</b> Cyrillic alphabet
	<b>First register</b> Latin alphabet		<b>Second register</b> Cyrillic alphabet
	<b>Second register</b> Latin alphabet		<b>Third register</b> Cyrillic alphabet
	<b>Third register</b> Latin alphabet		<b>Zero register</b> Special symbols

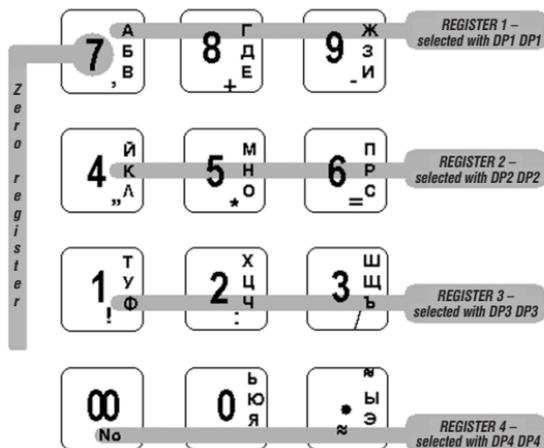
#### Layout of the characters from Latin alphabet



Character „=" is not printed.

When put in front of printed character it doubles its width.

#### Layout of the characters from Cyrillic alphabet



After a character is entered the information keys are set to zero register (numeric value of keys 0-9).

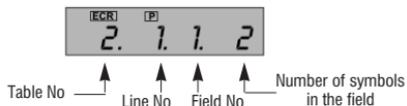
## MEMORY PROGRAMMING MODE (PGM1)

The parameters that are programmed in this mode and their meaning are systematized in Tables (Main Flags) No. 1-7.

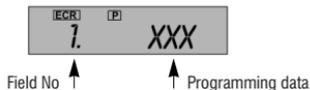
TABLE	MEANING
1	PLU and PLU groups
2	Shop organization
3	Operators
4	Parameters of keys  and 
5	Receipt format and copies, PLU range
6	Text on receipt
7	Clock/Calendar

Every table consists of lines and a line consists of fields. Fields can be numeric or alphanumeric. Every field has two basic parts – address and contents. On the display this is shown in the following way:

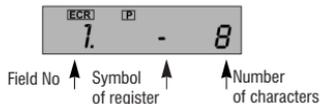
**Field address:**



**Field contents - numeric**



**Field contents - alphanumeric**



To go to **first field of first line** of **TABLE 1** do the following:

2. Press keys:

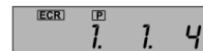


Display will show:



3. Press key .

Display will show:



The display shows that we are in 1-st field of the first line of Table No.1 (PLU) and can enter maximum 4 characters.

### TABLE NO.1 PLU AND PLU GROUPS

The table consists of 2400 lines for work in a shop (tabl.2, field 2=0,1,3 or 4) 1700 lines for restaurants (tabl.2, field 2=2) Every line has 11 fields.

Field No.	Parameter	Range	Notes
1	PLU code	0-9999	Default: 1 – 7 for the first 7 lines and 0 for all the rest lines
2	Name	up to 22	Default: Group1-Group7 for the first 7 lines/ space – for 8-2400
3	Price	up to 8 digits	During programming decimal point is not entered. Enter all digits after decimal point. Default: 0.00

4	Inventory Quantity	0 – 99999.999	Ignore decimal point, up to 8 digits. Default: 0.000
5	Stand	1 – 9	Default: 1-7 for the first 7 lines and 9 for the rest lines. When 0 the sale is forbidden.
6	Item group	1 – 99	Default: 1. When 0 – the sale is forbidden.
7	Tax group	1 – 8	1-8 – on item is imposed tax - A, B, C, D, E, F, G, I Default: 2 When 0 – sale is forbidden.
8	Flag: PLU or PLU Group	0, 1, 2	0-PLU – requires programmed price 1- PLU group – enter price at time of sale (programmed price is most frequently used for the group) 2 – PLU group – price is entered at time of sale but cannot be bigger than programmed price. Default: 1 for the first 7 lines and 0 for all the rest.
9	Reserved		
10	Barcode	Up to 6 digits	Default: 100000 0: when barcode is EAN-8 The left 6 digits of the barcode.
11	Barcode	Up to 8 digits	The right 8 digits of the barcode. Default: 0

**Example for programming TABLE1**

Go to Table 1, line 1, field 1 (code), where you can enter maximum 4 digits.

**E.g. to program „Milk“ with PLU code –1, price 0.5, third PLU group, second stand, tax group B.**

**Key for moving:**

from one table to another **X**      from one line to another **%-** **%+**

from one field to another **VD** **PRC**

Press **STL** to edit data in the field, press **1** to enter item/PLU code 1, then confirm by pressing **TOTAL**.

Press to **PRC** to move to the second field „name of item“.

Display will show: 

**Enter the name of the item (milk) in the following way:**

Select Symbol Register	Select character	Display		
<b>M</b>				21 characters left
<b>I</b>				20 characters left
<b>L</b>				19 characters left
<b>K</b>				18 characters left

Press key  , to save the entered data in the field and  to print it.

Press key  to move to the third field „PRICE“.

With the numeric keys enter the price. Then with  save entered data

and print the price by pressing key  .

Display will show: 

Press keys   to move to field „STAND“.

Press a numeric key to select a stand – e.g.  ,

and then press   to save it and print it.

Display will show: 

Press key  to move to field „Flag GROUP or ITEM“.

Press a numeric key to select an item/PLU – e.g. milk  ,

then press   to save and print.

Display will show: 

If the item has barcode for automatic filling fields 10 and 11 of this line in TABLE 1 read the barcode of the item with the help of barcode reader. It doesn't matter from which field you do this.

Now we have programmed all the parameters of the first item. In the same way you can program all the remaining items or item groups. Before such programming you should know the contents for each field, describing the item – name, price, stand, item group, tax group etc.

To go to the **first field of first line** of TABLE 2 it is necessary to do the following:

1. Go to mode **PGM1**. Display will show:



2. Press key  . Display will show:



3. Press key  . Display will show:



TABLE NO.2. SHOP ORGANIZATION

Consists of 1 line, that has 7 fields.

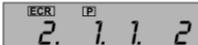
Field No.	Parameter	Range	Notes
1	Cash register #	1-99	Default: 1
2	Type of shop organization	0, 1, 2, or 3, 4	0,1 – ECR at exit of shop that serves 1 or several stands 2 – restaurant mode 3 – Scales mode (working with DATECS electronic scales) 4 – Scales mode (working with CAS or Dibal electronic scale) Default: 0
3	Flag: when does the drawer open?	0 or 1	0 – when Total=0 1 – at every Total Default: 0
4	Flag: amount received must be entered before TOTAL	0 or 1	0 – it is not obligatory to enter cash received 1 – to enter cash received is obligatory (ECR calculates and prints change in cash) Default: 0
5	Reserved		
6	Reserved		
7	Flag: Inventory Quantity	0 or 1	0 – Sold quantity is cleared at every „Z“ report 1 – Sold quantity is cleared with keys <b>PLU</b> <b>DP4</b> in mode „Z“ Default: 0

8	Level of communication between PC and ECR	1, 2, 3	1 – InLine, 2 – OnLine 3 – 2+ work initiated by PC Default: 1
9	Speed of communication between PC and ECR (Baud Rate)	1, 2, 3 or 4	1 – 1200 bps, 2 – 2400 bps 3 – 4800 bps, 4 – 9600 bps Default: 3

**Example for programming TABLE 2**

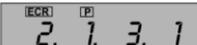
Go to Table 2, line 1, field 1.

The first field shows „NUMBER OF ECR IN SHOP“ this is the logical address of the ECR in the shop. If there is only one ECR in the shop **go to the second field** „TYPE OF SHOP Organization“ press key **PRC**

Display will show:  **PRC**

If your ECR is at shop's exit press key **0**.

Then press keys **TOTAL** **PY** to save the entry and to print on the printer.

Press key **PRC** to move to the third field.  Display will show: **2.1.3.1**

If you want the drawer to open after each sales transaction press key **1**.

Then press keys **TOTAL** **PY** to save and print the entered data.

Press key **PRC** to move to the fourth field.  Display will show: **2.1.4.1**

If you want the ECR automatically to print change after entering amount (cash) received in ECR press **1**. Then save and print in the usual way.

To go to the **first field in first line** of **TABLE 3** do the following:

1. Enter mode **PGM1**. Display will show:

ECR P  
1 - 2 - 3 4

2. Press key **1**. Display will show:

ECR P  
1 . 1 . 4

3. Press key **X**. Display will show:

ECR P  
3 . 1 . 1 10

**TABLE NO.3. OPERATORS**

The table consists of 30 lines.  
Each line has 2 fields.

Field No.	Parameter	Range	Note
1	Operator's name	up to 10 characters	Default: Operator 1 – Operator 30
2	Password	up to 8 digits	Default: 1- 30

In TABLE 3 are programmed the parameters of the operators. It has 30 lines, i.e. up to 30 Operators can be registered. Each line has two fields – one for operator's name and one for his password.

The parameters of the first operator will be programmed in line 1. To move from one line to another use keys **%+** (move forward) and **%-** (move backward).

Press **STL** to indicate contents of the field.

Display will show:

ECR P  
2 . 1 . 3 . 1

With the help of the information keys enter operator's name, see p. 16 for layout of characters.

### Example for programming of TABLE 3

Go to Table 3, line 1, field 1.

*Let's enter name of operator e.g. IVAN KOCEV, whose password is 123.*

Press the following combination of keys:

I **DP3** **9**

V **DP1** **2**

A **DP1** **7**

N **DP2** **5**

**C** Space between two names.

K **DP2** **4**

O **DP3** **5**

C **DP3** **7**

E **DP2** **8**

V **DP1** **2**

**TOTAL**

To save Operator's name in memory press key **TOTAL**,

if you need to print entered data press key **PY**.

Press key **PRC** to move to the second field „Password“.

Display will show: 

Enter the digits that are operator's password – e.g. 123.

Display will show: 

To save password in memory press key **TOTAL**,

and to print it press **PY**.

**If you want to enter data for a new operator or to edit the contents of an already programmed field, enter in the field and input data in the above-described way.**

**TABLE No. 4. PARAMETERS OF KEYS **%+** AND **%-****

The table consists of two lines. Each line of 2 fields.

Field No.	Parameter	Range	Note
1	Flag: permit use of keys	0 or 1	0 – forbid use of keys, 1 – permit use of keys. Default: 0
2	Percentage	0.00% - 99.99%	Default: 0.00. Do not enter decimal point, just 4 digits

**In OnLine connection between the ECR and PC and forbidden keys **%+** and **%-**, pressing of these keys generates a question to the PC for the values of discount or surcharge.**

**TABLE No.5. RECEIPT FORMAT AND COPIES, PLU RANGE**

Consists of one line with 8 fields.

Field No.	Parameter	Range	Note
1	Reserved		
2	Number of advertisement text lines	0 or 1	Default: 0
3	Extended print of the purchases in the receipt	0 or 1	Default: 0 1 – quantity, unit price, name and amount are printed each at a new line
4	Flag: print tax	0 or 1	Default: 0 0 – no print, 1 – print
5	Flag: print Logo	0 or 1	0 – no print, 1 – print Default: 0
6	Flag: separate total with blank lines	0 or 1	0 – do not place blank lines 1 – blank lines in front and after the bill Default: 1
7	Number of copies to be signed when payment with card	0 – 3	Default: 0 (0-3) copies (vouchers) of the receipts when payment by card.
8	Number of internal receipts	0 – 3	Internal receipts divide PLUs by stands (supply areas). From each internal receipt can be printed a certain number of copies. Default: 0

**The number of checks in one receipt can be:**

- up to 53 in Table 2, field 2=0,1,3 or 4 (for shops)
- up to 42 in Table 2, field 2=2 (for restaurants and print of internal receipts)

**TABLE No.6. TEXT ON RECEIPT**

The table consists of 6 lines: 5 lines for slogan and 1 line for advertising message at the end of the receipt. Each line has 1 field.

Field No.	Parameter	Range	Note
1	Programmed text	up to 32	characters

**Below is the default text**

Line No.	Text location	Default text
1	Line 1 of slogan	Name of company
2	Line2 of slogan	Address of company
3	Line 3 of slogan	Name of shop
4	Line 4 of slogan	Address of shop
5	Line 5 of slogan	Company Register Number
6	Line 1 of advertising message	Thank You!

**TABLE No.7. CLOCK**

The table has 1 line with 5 fields.

The parameters are saved in Clock/Calendar with the help

of keys **PLC** and **0** (for confirmation).

Field No.	Parameter	Range	Note
1	day	1-31	Default: 1
2	Month	1-12	Default: month of program version
3	Year	0-99	Default: year of the program version
4	Hour	0-24	Default: 0
5	Minute	0-59	Default: 0

## PROGRAMMING OF FISCAL MEMORY (PGM2)

**Programming of the Fiscal memory can be done only by the manufacturer or authorized service!**

**For fiscalization of the ECR (inputting the FM in use) after you purchase a cash register and install it in a shop, restaurant or other organization, call a qualified technician from an authorized service.**

**The organization must have a signed agreement for service with an authorized service!**

## 2. Registration Mode (REG)

For entering in REGISTRATION MODE:

1. From OFF mode press key  and the ECR will switch

to state 

Display shows:



2. Enter operator's password.

3. Press



If to the ECR is connected card reader, points 2 and 3 could be replaced with reading of the operator's identity card. Such way of functioning is recommended in the restaurant mode. In this case after the printing of the receipt (order or bill), ECR is automatically switched to the condition in point 1 - i.e. 8 dashes

### Key functions in REGISTRATION MODE

#### Functional Keys



up to



They are used for direct access to the first 7 items or items groups.

The pressing of the key accumulates in the client's bill the respective item or items group. The input value before entering the keys is accepted by the ECR as price. Price could be input only for group of items (field 8 of table 1 should be 1). If no price is entered, the price is equal to the programmed value.

The selling of item with price 0 is not accepted and the ECR makes sound signal and message for error „C“.

 PLU

Shows that this is PLU Code or PLU Type. Accumulates the chosen item in the client's bill. The entering of decimal point is ignored and the value is accepted as integer.

If the programmed price is 0, on the display emerges a message for error „C“, and the ECR makes sound signal.

In Online connection with PC, the pressing of the key without entering a value, requires from the PC response for the % of surcharge or discount. The operation is implementing after the client's identification with PIN and CARD number.

In this case the key  PLU functions equally as the key  PY without preliminarily entered value.

 PRC

The price reduction (discount) or the price increasing (surcharge) is defined by the PC after the client's identification.

Shows that the entered value is a price. The decimal point is available. The key is used to enter price for the group of items bigger than 7.

– input the value of the price and press  PRC

– input items group and press  PLU

– pressing the key  PRC before entering the value, induce the message „bar“, after which the operator must input bar code. After the second pressing of the key „PRC“ is done the sell of item with this code. This way of selling is used when the barcode label is damaged and could not be read.

- X** Shows that the input value is quantity. The decimal point is rendered by the ECR.  
When the ECR works together with scales, the pressing of the key without preliminarily input price, provokes the transfer of the quantity from the scales to ECR.
- PLC** In case the ECR is programmed in Restaurant mode this key is used to enter table number. The number of the table and the chair is input with the numeric keys and after that the key **PLC**.
- VD** By pressing this key immediately after entering PLU, the sale is voided. The repeatedly pressing of the key could clear all the sales. If you want to void an item which already has been sold, but the receipt was not finished, press keys **C** and **VD**. Then once again enter the sale. This operation is not permitted if it causes a negative total in the transaction.
- C** Clears last number/operation entered, if transaction is not yet complete; Clears Error message „C“.
- STL** Displays subtotal on the display.
- TOTAL** Totals the bill for cash payment. If the amount tendered is entered before pressing this key, ECR prints the amount received and the change. The ECR can be programmed in such a manner that is obligatory to enter the amount

received from customer before pressing key (TABLE No.2, field 4). Provokes the opening of the drawer if in the field 3 of table 2 is entered 1, otherwise the drawer opens only if the total is zero.

**PY**

1. This key is used for three ways of payment.  
After the input of value and pressing PY on the display shows:

The image shows a small rectangular display with the text "ECR" in the top left corner. The main display area shows the number "7" followed by a minus sign "-" and then the number "2".

Pressing the numeric key **1** the payment is done by check.

Pressing the numeric key **2** – with coupon.

The pressing of **PY** without the preliminarily input of value marks payment with card. In order to be finalized the payment the ECR has to be in Online connection with a PC. The way of payment depends from the registration of the card's owner and the used system, which supports the payment. It is possible to be used readers for identification cards.

It is possible mixed payment. Entering a part of the sum and pressing a key for payment, the ECR prints out the sum and the way of payment. The bill could be finished with other way of payment. The payment with card is always final payment.

2. The pressing of the key after the closing of a receipt, prints internal receipt (only one copy is possible to be printed).

%+

- Adds value of percent surcharge:
  - on the price of the last item entered.
  - follows subtotal key **STL** and surcharge value, to apply surcharge to the whole purchase. If no surcharge value is added, the calculation will use the programmed percent value (TABLE 4, Field 2).

- Service input of sum out of the client's bill. It could be done after input of the sum and after that pressing the **%+**

%-

- Subtracts value of percent discount:
  - on the price of the item entered.
  - follows subtotal key **STL** and discount value, to apply discount to the whole purchase. If no discount value is entered, the calculation will use the programmed percent value (TABLE 4, Field 2).

- Service output of sum. It could be done after input of the sum and after that pressing the **%-**

**Numeric Keys**

Numeric keys are used for entering:

- Code of item or item group, ignoring the decimal point
- Prices and quantities for items; regarding the decimal point

**If there is an overflow in some registers, the ECR must be reported and cleared before the continuing operation.**

**If the product between the quantity and the price is more than ten digits, the multiplying won't be performed and on the display emerges message for error „C“.**

In this case press key **C**

**Registration Mode in Sales Application - shop**

*Sales  
at the exit  
of shop*

Field 2 of TABLE 2 must be 0 or 1.

Enter password. Press

T  
O  
T  
A  
L

Display shows:

ECR1 CR 0.00

Input of items:

– quantity (be careful using the decimal point): **X**

– price: **PRC**

– Item code: **PLU**

**For item group from 1 to 7 (incl.) after the input of the price, have to be pressed the key for direct access D1-D7.**

**In case the price is preliminarily programmed, have to be entered only the quantity and the code of the item.**

**In case the quantity is „1“, have to be entered only the code of the item.**

**Sales Receipt Format**

The outlook of the Sales Receipt depends on the ECR type and from the programmed data in Table No. 5.

On the right side of the receipt the TAX Group Symbol A, B, C, D, E, F, G, or H is printed. This shows the TAX group of the item sold. When the row is for the % discount or surcharge is used the symbol \*. That means the row is taxed with the respective tax.

In extended mode of printing of the sale (table 5, field 3 is 1) on separate rows is printed the name, price, quantity and the sum of every purchase, as well as the sum taxed according to the respective tax group.

*One ECR  
serves  
a few stands*

If in field 8 from TABLE 5 are programmed numbers of internal receipts, by pressing any key an internal receipt is printed with the articles sold for any stand.

### Examples for registering of sales:

1. Sale of item with code „41“  
with preliminarily input price:



2. Sale of item with price 3008 USD from stand 1:



3. Sale of article with price 25 USD from Stand 5:



4. Sale of 2 items with code 20:



5. Sale of 1,125 kg. of the item with code 3000:



### Receipt types of the examples: 1 - 5

#### Example 1

```

ИМЕ НА ОПИМА
АДРЕС НА ОПИМА
ИМЕ НА ОБЕКТ
АДРЕС НА ОБЕКТ
  
```

```

БУАСТАТ
ДАН.И1234567890АЕВ
02 ЕАИЦА ОП1
  
```

```

ИЗРАДОНЕ 10.00 €
ОБЩА СУМА
10.00
В ЕРОИ 10.00
  
```

```

0369 ПОКУПКИ 1
27-01-03 17:41 169
† ОИСКРАЕНЕ БОИ †
DT 123456 02123456
  
```

#### Example 2

```

ИМЕ НА ОПИМА
АДРЕС НА ОПИМА
ИМЕ НА ОБЕКТ
АДРЕС НА ОБЕКТ
  
```

```

БУАСТАТ
ДАН.И1234567890АЕВ
02 РОЦИЦА ОП2
  
```

```

НЕС КАНЕ 3008.00 €
ОБЩА СУМА
3008.00
В ЕРОИ 3008.00
  
```

```

0369 ПОКУПКИ 1
27-01-03 17:41 170
† ОИСКРАЕНЕ БОИ †
DT 123456 02123456
  
```

#### Example 4

```

ИМЕ НА ОПИМА
АДРЕС НА ОПИМА
ИМЕ НА ОБЕКТ
АДРЕС НА ОБЕКТ
  
```

```

БУАСТАТ
ДАН.И1234567890АЕВ
02 БЕЛИМО ОП3
  
```

```

2 x 0.70
КОЈА, АИИТА...
1.40 €
ОБЩА СУМА
1.40
В ЕРОИ 1.40
  
```

```

0332 ПОКУПКИ 1
20-01-03 11:38 179
† ОИСКРАЕНЕ БОИ †
DT 123456 02123456
  
```

#### Example 3

```

ИМЕ НА ОПИМА
АДРЕС НА ОПИМА
ИМЕ НА ОБЕКТ
АДРЕС НА ОБЕКТ
  
```

```

БУАСТАТ
ДАН.И1234567890АЕВ
02 БЕЛИМО ОП3
  
```

```

КАПРИМО 25.00 €
ОБЩА СУМА
25.00
В ЕРОИ 25.00
  
```

```

0370 ПОКУПКИ 1
27-01-03 17:42 171
† ОИСКРАЕНЕ БОИ †
DT 123456 02123456
  
```

#### Example 5

```

ИМЕ НА ОПИМА
АДРЕС НА ОПИМА
ИМЕ НА ОБЕКТ
АДРЕС НА ОБЕКТ
  
```

```

БУАСТАТ
ДАН.И1234567890АЕВ
02 ЕАИЦА ОП1
  
```

```

1.125 x 2.00
БОИИИИ 2.25 €
ОБЩА СУМА
2.25
В ЕРОИ 2.25
  
```

```

0372 ПОКУПКИ 1
27-01-03 17:42 173
† ОИСКРАЕНЕ БОИ †
DT 123456 02123456
  
```

## View of the receipt:

ECR serving  
a few stands

Payment with local card

ИМЕ НА ФИРМА	
АДРЕС НА ФИРМА	
ИМЕ НА ОБЕКТ	
АДРЕС НА ОБЕКТ	
БУДИСАТ	
ДАН.ИД1234567890AEB	
01 ЕМИЦА	01P1
2.250 x	2.00
БАНАНИ	4.50 E
0.860 x	1.00
ПОРТОКАЛИ	0.86 E
ОБЩА СУМА	<b>5.36</b>
В ЕРОВО	5.36
0388 ПОКУПКИ	2
28-01-03 11:28 178	
† МИКРОЧЕБ БОИ †	
DT 123456 02123456	
СИМБЕБ БОИ	1-1
02 ЕМИЦА	01P1
2.250 x	2.00
БАНАНИ	4.50 E
0.860 x	1.00
ПОРТОКАЛИ	0.86 E
0389	
28-01-03 11:28	
= СИМБЕБ БОИ =	
DT 123456 02123456	

ИМЕ НА ФИРМА	
АДРЕС НА ФИРМА	
ИМЕ НА ОБЕКТ	
АДРЕС НА ОБЕКТ	
БУДИСАТ	
ДАН.ИД1234567890AEB	
01 ЕМИЦА	01P1
БАНАНИ	2.00 E
КРАСТАВАЦИ	2.50 E
ПРАВ: ЗА ПРАВЕ	
ARTEL	2.00 E
PLU 45	2.00 A
ОБЩА СУМА	<b>8.50</b>
СИМБЕБ БОИ	1-1
02 ЕМИЦА	01P1
0558 ПОКУПКИ	4
29-01-03 10:36 231	
† МИКРОЧЕБ БОИ †	
DT 123456 02123456	
ИМЕ НА ФИРМА	
АДРЕС НА ФИРМА	
ИМЕ НА ОБЕКТ	
АДРЕС НА ОБЕКТ	

КОПИЕ	
01 ЕМИЦА	01P1
СИМБЕБ БОИ	#
ВОВИ ДО: 08/97	#
ВАНДИМП ЧИЛОВ	%
ОДОБРЕНИЕ 081234/#	
СУМА	8.50
ПОДПИС:.....	
0559	
29-01-03 10:36	
= СИМБЕБ БОИ =	
DT 123456 02123456	

## Registration in Restaurant Mode

In this mode could be served 199 tables and at the same time could be opened up to 63 bills plus 1 order closed immediately (without opening a bill). Every bill could consist of up to 42 sales, divided by articles.

In this mode the waiter has to input a password using the keyboard, or by reader of an identification card and then to press

TOTAL

The display shows:

(ECR)	(TR)
1 - 199 - 0.00	

For every other client could be opened bill and which accumulates the additional orders. The opening of a bill begins with giving number to the table and to the client from this table. The number of the client is by default 1 and it is not necessary to be input.

## Examples:

1. Opening of a bill at table 12



2. Opening of a bill of client 3 from table 18:



At the display is shown the number of the table, the number of the client and the number of the order.

The items are input like in the mode sales application – shop.

The order is closed with the key

TOTAL

. The numbers of the orders are automatically increased.

At the client's receipt the ECR prints the sum of the last order and the total sum of the all made by the moment orders. After the printing out of receipt for respective order, could be printed copies of internal receipts. The internal receipts include information divided by the indication „stand – place of receipt

ing the item (kitchen, bar, etc.). The number of the additional internal receipt is defined at TABLE 5, field 8.

For every opened bill could be printed the current status. This could be done when after the waiter's password the waiter presses the key **%-**, inputs the number of the place (table, chair) and then presses **PLC**.

For closing of opened client's bill after the password the waiter puts the key **%+**, inputs the number of the place and presses **PLC**. It is possible to be marked one order without opening a bill. In that case before pressing the key **PLC**, don't have to be input place.

The voiding operation is possible only before closing of the client's bill, with the following key sequence

**VD** or **C** **VD**

The voiding is possible **only** at the stage - adding orders. It is not possible to be made corrections of summary and closed bills.

For the percentages of the discount and surcharge are used the keys **%+** and **%-**. They are applied only to the whole bill after its closing by pressing the key **STL**, before inputting the way of payment.

All kinds of payments are possible.

Examples of receipt types (receipt of orders):

Table № 15,  
order 1

```

ME HA MAMA
APPEC HA MAMA
ME HA OBEKT
APPEC HA OBEKT
EBCATAT
DPA.M1234567890AB
02 E.MAJA OPI1
  
```

```

ME HA MAMA
APPEC HA MAMA
ME HA OBEKT
APPEC HA OBEKT
EBCATAT
DPA.M1234567890AB
02 E.MAJA OPI1
  
```

```

MACA 15 #01-001
ΠΙΟΠ'Υ'ΧΙΚΑ 1
CTAPO CBAΠO 0.00
  
```

```

CTEAM APTOP 1.00 6
KANEHMA CTEH
  
```

```

OEMR CYMA
3.10
  
```

```

HOB0 CBAΠO 3.10
  
```

```

0436 ΠOXYTH 2
20-01-03 15:15 211
= CAYEEEH EOH =
DT 123456 02123456
  
```

```

CAYEEEH EOH 1-1
02 E.MAJA OPI1
  
```

```

MACA 15 #01-001
CTEAM APTOP 1.00 6
KANEHMA CTEH
1.30 6
  
```

```

0435
20-01-03 15:15
= CAYEEEH EOH =
DT 123456 02123456
  
```

Table № 15, order 2

```

ME HA MAMA
APPEC HA MAMA
ME HA OBEKT
APPEC HA OBEKT
EBCATAT
DPA.M1234567890AB
02 E.MAJA OPI1
  
```

```

MACA 15 #01-001
ΠΙΟΠ'Υ'ΧΙΚΑ 2
CTAPO CBAΠO 3.10
  
```

```

2 x 0.40
COBA KUM6 0.80 6
MAT.COK 0.2 0.80 6
MAMAMAMA 1.30 6
CBAKA KUM6 1.30 6
MUNOKA CBAHTA
  
```

```

1.30 6
KAPTOMEA 1.60 6
ΠYCKA CBAHTA
2.00 6
  
```

```

OEMR CYMA
10.50
  
```

```

HOB0 CBAΠO 13.60
  
```

```

0436 ΠOXYTH 7
20-01-03 15:10 212
= CAYEEEH EOH =
DT 123456 02123456
  
```

```

CAYEEEH EOH 1-1
02 E.MAJA OPI1
  
```

```

MACA 15 #01-001
2 x 0.40
COBA KUM6 0.80 6
MAT.COK 0.2 0.80 6
MAMAMAMA 1.30 6
CBAKA KUM6 1.30 6
  
```

```

0437
20-01-03 15:10
= CAYEEEH EOH =
DT 123456 02123456
  
```

```

CAYEEEH EOH 1-3
02 E.MAJA OPI1
MACA 15 #01-001
MUNOKA CBAHTA
1.30 6
KAPTOMEA 1.60 6
ΠYCKA CBAHTA
2.00 6
  
```

```

0438
20-01-03 15:10
= CAYEEEH EOH =
DT 123456 02123456
  
```

```

ME HA MAMA
APPEC HA MAMA
ME HA OBEKT
APPEC HA OBEKT
EBCATAT
DPA.M1234567890AB
02 E.MAJA OPI1
  
```

```

MACA 15 #01-001
ΠΙΟΠ'Υ'ΧΙΚΑ 3
CTAPO CBAΠO 13.60
  
```

```

"BAKUMY" 3.00 6
"BEKUM" 3.30 6
"DEKUM" 2.50 6
ΠACTOΠT 2.80 6
BOBKA CBAK0 0.70 6
3 x 0.70
KUMAMATA...
2.10 6
  
```

```

ΠYCKA ΠAYM ΠAY
2.80 6
CB.CKAPA 6.30 6
2 x 1.40
ATH.MAMHE 2.80 6
  
```

```

0501
20-01-03 15:24
= CAYEEEH EOH =
DT 123456 02123456
  
```

```

OEMR CYMA
27.10
HOB0 CBAΠO 40.70
  
```

```

0439 ΠOXYTH 9
20-01-03 15:03 213
= CAYEEEH EOH =
DT 123456 02123456
  
```

```

CAYEEEH EOH 1-1
02 E.MAJA OPI1
  
```

```

MACA 15 #01-001
"BAKUMY" 3.00 6
"BEKUM" 3.30 6
"DEKUM" 2.50 6
ΠACTOΠT 2.80 6
BOBKA CBAK0 0.70 6
3 x 0.70
KUMAMATA...
2.10 6
  
```

```

0500
20-01-03 15:24
= CAYEEEH EOH =
DT 123456 02123456
  
```

```

CAYEEEH EOH 1-4
02 E.MAJA OPI1
  
```

```

MACA 15 #01-001
ΠYCKA ΠAYM ΠAY
2.80 6
CB.CKAPA 6.30 6
2 x 1.40
ATH.MAMHE 2.80 6
  
```

```

0501
20-01-03 15:24
= CAYEEEH EOH =
DT 123456 02123456
  
```

Table № 15, order 3

## Examples of receipt types (receipt of detailed bill and closed bill):

## Detailed bill

ИМЕ НА ФАКТА АДРЕС НА ФАКТА ИМЕ НА ОБЕКТ АДРЕС НА ОБЕКТ БУЛВАР ДАН. №1234567890АВ 02 ЕМИА ОПС1	РУЩА РАЗИ ПАН 2.00 Б СВ. СКАРА 6.90 Б 2 x 1.40 АТН. ИМНЕ 2.00 Б ОБЩА СУМА <b>40.70</b>
ОБЕЩЕНА СМЕТКА МАСА 15 №01-001 БРОИ ПОРЪЧКИ: 3	0502 20-01-03 15:24 = СЛУЖБЕН БОИ = DT 123456 02123456
СТЕЛА АРТОР 1.00 Б КОНЕНЦИА СТЕЦ 1.30 Б 2 x 0.40 СОДА КИЛИ 0.80 Б НАТ. СОК 0.2 0.80 Б ФИНАНДИЯ 1.90 Б САВОИ КУЛЪ 1.90 Б ИЛНСКА САМАТА 1.90 Б КАРТОНЕНА РУСКА САМАТА 2.00 Б "ДРАЖИКИ" 3.00 Б "ДЕКЗИ" 3.50 Б "ОАЭСИ" 2.50 Б ПАСПОРТ 2.80 Б ВОДКА САВОИ 0.70 Б 3 x 0.70 КОЛА, МАТА... 2.10 Б	

## Closed bill

АДРЕС НА ФАКТА ИМЕ НА ОБЕКТ АДРЕС НА ОБЕКТ БУЛВАР ДАН. №1234567890АВ 02 ЕМИА ОПС1	АТН. ИМНЕ 2.00 Б СУМА <b>40.70</b> В БРОИ 40.70
ЗАКРИТА СМЕТКА МАСА 15 №01-001 БРОИ ПОРЪЧКИ: 3	0503 ПОКУПИ 10 20-01-03 15:25 214 \$ МИКРОБЕН БОИ \$ DT 123456 02123456
СТЕЛА АРТОР 1.00 Б КОНЕНЦИА СТЕЦ 1.30 Б 2 x 0.40 СОДА КИЛИ 0.80 Б НАТ. СОК 0.2 0.80 Б ФИНАНДИЯ 1.90 Б САВОИ КУЛЪ 1.90 Б ИЛНСКА САМАТА 1.90 Б КАРТОНЕНА 1.60 Б РУСКА САМАТА 2.00 Б "ДРАЖИКИ" 3.00 Б "ДЕКЗИ" 3.50 Б "ОАЭСИ" 2.50 Б ПАСПОРТ 2.80 Б ВОДКА САВОИ 0.70 Б 3 x 0.70 КОЛА, МАТА... 2.10 Б РУЩА РАЗИ ПАН 2.00 Б СВ. СКАРА 6.90 Б 2 x 1.40	

### 3. ECR Reporting Mode

#### Report without clearing of the ECR (X,1)

For entering in this mode:

- From OFF state of the ECR,

press key **2** and switch to state

- Input the password of the operator (from 25 to 30) and switch to state

Press **TOTAL** for reading of DAILY FINANCIAL REPORT.For access to the other possible reports with key **PLU**

switch to state

After pressing the key **1**, display shows:

The following reports are possible to be done:

- Items Report** – TABLE 2, field 7 = 0

ECR will print:

ITEM CODE (PLU Code)  
TURNOVER  
TAX GROUP  
NAME  
QUANTITY SOLD

This report only lists items, whose quantity sold is not equal to zero.

- Department Report**

The ECR prints:

STAND (Department) number  
TURNOVER of each stand (with non-zero total)

At the end the report totals the turnover of each stand.

- Items Group Report**

This Report contains:

ITEM GROUP and TURNOVER

At the end the report totals the turnover of each Item Group.

#### 4. TAX Group Report

Prints the last recorded row of table 5 of the fiscal memory and: each LETTER corresponding to an active Tax Group, TURNOVER for the Tax Groups.

*At the end the report totals the turnover for each Tax Group.*

As a second stage the report prints:

EACH ACTIVE TAX GROUP  
THE PERCENT OF TAX  
THE AMOUNT OF TAX DUE.

*At the end the report totals the turnover.*

#### 5. Operator Report

For each operator the ECR prints:

NAME and NUMBER of each operator  
NUMBER of clients served  
TURNOVER of ITEMS SOLD  
TURNOVER of SURCHARGES  
TURNOVER of DISCOUNTS  
TOTAL turnover  
METHOD of payment and turnover for each method  
TOTAL for all methods of payment (1)  
SUM of service (petty cash) withdrawn (2)  
SUM of service (petty cash) deposited (3)  
TOTAL sum required from OPERATOR (1) + (2) + (3) =  
NUMBER and SUM of voids recorded

At the end, the report totals the turnover for all operators. Most of the above fields do not print if the total for them is 0.

#### 6. General ECR REPORT

Similar to Operator report above, this report consists of all values entered by all operators. It also includes:

Number and percent amount added and discounted  
Number and sum of petty cash transactions.

The printing of **NON-ZERO PRICE Report** could be activated with key  For items with programmed price the report contains:

NUMBER  
CODE  
NAME  
PRICE

The printing of **NON-ZERO INVENTORY Quantity Report**

could be activated with key 

For items with non-zero Inventory Quantity. The report contains:

NUMBER  
CODE  
NAME  
INVENTORY QUANTITY OF ITEMS

*If TABLE 2, field 7 =1, this report refers to the period of the last clearing of the sold quantities (Z, DP4) up to the moment of the report.*

The printing of **ITEMS PARAMETERS REPORT**

could be activated with key 

The report contains:

NUMBER  
CODE  
NAME  
INVENTORY QUANTITY  
PRICE

Number of STAND (Department), ITEM GROUP, TAX GROUP  
FLAGS programmed for the items.

At the end of each report the SERIAL NUMBERS of the ECR and the FISCAL MEMORY are printed.

Every one of the first six reports could be generated separately with the pressing of one of the keys 1 – 6. The consecutively printing of all six reports is activated by pressing .

The other 3 reports could be printed respectively by

pressing ,  or .



## Example reports generated and printed by MP55:

Operator's  
report

ИМЕ НА ОПИРА	
АДРЕС НА ОПИРА	
ИМЕ НА ОБЕКТ	
АДРЕС НА ОБЕКТ	
БУКТИТАТ	
ДАТ.И1234567890АВ	
02	
ОТЧЕТ	
ОПЕРАТОРИ	
ЕМЛА	001
БРОИ КИМЕНТИ	3
ОБНО	0.00
ОБНО	0.00
=	0.00
РООКРА	002
БРОИ КИМЕНТИ	8
АРТУКУЛИ	113.50
ОБНО	113.50
В БРОИ	113.50
ОБНО	113.50
ВЪВЕДЕНИ	6.40
=	119.90
КОРЕКЦИИ	1
=	-410.00
0437	
29-01-03	12:30
= СЪВРЕШЕН СОН =	
DT 123456 02123456	

Total ECR  
report

ИМЕ НА ОПИРА	
АДРЕС НА ОПИРА	
ИМЕ НА ОБЕКТ	
АДРЕС НА ОБЕКТ	
БУКТИТАТ	
ДАТ.И1234567890АВ	
02	
ОТЧЕТ	
ОБЕМО КАСА	
БРОИ КИМЕНТИ	11
АРТУКУЛИ	113.50
ОБНО	113.50
В БРОИ	113.50
ОБНО	113.50
ВЪВЕДЕНИ	1
=	6.40
КОРЕКЦИИ	1
=	-410.00
БРОИ ОБНОВЕ	11
ПОСЛЕДЕН СОН	157
0438	
29-01-03	12:30
= СЪВРЕШЕН СОН =	
DT 123456 02123456	

Quantity  
report

ИМЕ НА ОПИРА	
АДРЕС НА ОПИРА	
ИМЕ НА ОБЕКТ	
АДРЕС НА ОБЕКТ	
БУКТИТАТ	
ДАТ.И1234567890АВ	
02	
ОТЧЕТ	
КОМПЕКТРА	
10	00032
ЗАПОРКА ГОД	1
1	1.30
12	00034
СТЕЛА АРТА	1
1	1.00
13	00035
КАЧЕВНА СТЕЛ	1
1	1.30
ОБНО	4.40
ПОСЛЕДНО НУЛ	00034
0541	
29-01-03	10:14
= СЪВРЕШЕН СОН =	
DT 123456 02123456	

Item  
parameters  
report

ИМЕ НА ОПИРА	
АДРЕС НА ОПИРА	
ИМЕ НА ОБЕКТ	
АДРЕС НА ОБЕКТ	
БУКТИТАТ	
ДАТ.И1234567890АВ	
02	
ОТЧЕТ	
ПАРАМЕТРИ АРТУКУЛИ	
1	00012
ИЕС NAME	0
0	0.50
И=1 Г=01 Д=6	1 0
5= 000000 00000000	
2	00005
КАРТУШИ	0
0	1.00
И=1 Г=01 Д=6	1 0
5= 000000 00000000	
3	00008
МУЛКО С КАРДО	0
0	0.80
И=1 Г=01 Д=6	1 0
5= 000000 00000000	
4	00017
МУЛКО С ИЕС	0
0	0.50
И=1 Г=01 Д=6	0 0
5= 000000 00000000	
5	00020
КОЛ.АНАТА...	0
0	0.70
И=1 Г=01 Д=6	0 0
5= 000000 00000000	
0503	
29-01-03	10:05
= СЪВРЕШЕН СОН =	
DT 123456 02123456	

## Non-Zero Price Report

ИМЕ НА ОПИРА	
АДРЕС НА ОПИРА	
ИМЕ НА ОБЕКТ	
АДРЕС НА ОБЕКТ	
БУКТИТАТ	
ДАТ.И1234567890АВ	
02	
ОТЧЕТ	
НЕЗАВЕША ДЕНИ	
20	00050
ЕДИНАТИНС	3.30
21	00059
ДАИ И ЕИ	3.30
22	00060
ПРОДОПТ	2.00
23	00061
ТАКАРП ДИ	3.30
24	00062
ДИКРИМСИ	3.30
25	00063
ДАИИ ЕИИ	2.90
26	00064
ДАК ДИВЕИС	3.90
27	00065
СРОИИ КИИИ	1.50
28	00066
ЧИРАС РЕТАИ	6.00
29	00067
ЕДИНАТИНС 12"	6.50
30	00068
ДИИРС	3.00
31	00069
ЧЕТРИИ ПОЗИ	2.70
32	00070
РЕСОИИТ	2.20
33	00071
ЕДИНАТИНС 1.70	
34	00072
ДИИИИИ РИИИИ	1.90
35	00073
МОКООБРОИ	1.90
36	00074

## Hour report

ИМЕ НА ОПИРА	
АДРЕС НА ОПИРА	
ИМЕ НА ОБЕКТ	
АДРЕС НА ОБЕКТ	
БУКТИТАТ	
ДАТ.И1234567890АВ	
02	
ОТЧЕТ	
ПО ЧАСОВЕ	
12-14	113.50
ОБНО	113.50
0442	
29-01-03	12:45
= СЪВРЕШЕН СОН =	
DT 123456 02123456	

Report  
unclosed bills

ИМЕ НА ОПИРА	
АДРЕС НА ОПИРА	
ИМЕ НА ОБЕКТ	
АДРЕС НА ОБЕКТ	
БУКТИТАТ	
ДАТ.И1234567890АВ	
02	
ОТЧЕТ	
НЕЗАКРИТИ СЧЕТИ	
0443	
29-01-03	12:46
= СЪВРЕШЕН СОН =	
DT 123456 02123456	

## Report and Clear Mode (Z)

It is usual to be made Daily financial report at the end of every working day, which have to be done in mode „Z“:

1. From  state of the EC,

with the key  switch to state .

2. Input the operator's password (from 27 up to 30)

Switch to state .

Press  for reading of Daily financial report.

### Clearing of the ECR (Z1)

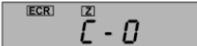
Switch to mode „Z“ pressing  and .

Display will show .

For full report – choose **0** and press key .

For short report – choose **1** and press .

After the ending of the report the operator confirms the clear option.

The display shows: .

To reject the Clear option press  – the ECR will print out the following:

**ECR NOT CLEARED**

To confirm the Clear option, press .

When the fiscal memory is put in operation, before the clearing, the ECR

records the report in the fiscal memory. It consists data of the clearing, number of the tax groups, the number of the last receipt issued before the clearing of the ECR, the turnover of all permitted tax groups.

After the recording of the Daily report in the fiscal memory, the ECR is cleared and prints **ECR CLEARED**.

### Clearing of the sold quantities and the turnovers of the items

In state „Z“ press keys  and .

*The clearing take effect only when table 2, field 7 = 1.*

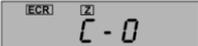
### Operator report/clear (Z2)

Clears the obligations of a certain operator, without clearing the ECR. Clearing of operator should be done if after the last clearing of the ECR, 8 operators have sold items by the ECR.

For choosing of OPERATOR CLEARING, switch to mode „Z“ and press keys  and .

*If the ECR is cleared it is not possible to enter in this mode.*

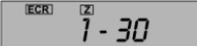
Enter the operator's number and press , the ECR prints the report of the respective operator.

After that confirm the clearing, the display shows: .

With the key  the clearing could be rejected and the ECR will print out

**OPERATOR NOT CLEARED.**

The confirmation of the clearing could be made by pressing , the ECR will print out **OPERATOR CLEARED.**

The display will show: .

*The operation could be repeated for other operator.*

## Example reports of ECR MP55 with clearing (rejected)

```

ИМЕ НА ФИРМА
АДРЕС НА ФИРМА
ИМЕ НА ОБЕКТ
АДРЕС НА ОБЕКТ
ЕВЮСТАТ
ДАН.И1234567890АВВ
02

ДНЕВЕН
ФИНАНСОВ ОТЧЕТ

БРОИ КЛИЕНТИ 11
НАДЕВАНИ 0
0,00
ОТСТЪПКИ 0
0,00
КОРЕКЦИИ 1
-410,00
В БРОИ 113,50

ОТЧЕТ
АРТИКУЛИ ДДС
#012 0,50
Б НЕС ИМЕ 1
#005 1,00
Б КИРЧИЦА 1
#008 0,80
Б ИДИО С КИНО 1
#017 0,30
Б ИДИО С НЕС 1
#020 1,40
Б КОИ,ИАНТА... 2
#021 1,20
Б СОДА КУЛИМ 3
#022 2,00
Б МАЛ.ВОДА 0,5 4
#024 2,00
Б АРЕН В.2 1
#032 1,30
Б ЗАГОЛЯВ ГОД. 1
#033 1,30
Б АСТИНА ЛИС 1
#035 2,00
Б КИЧЕНЦА СТЕЦ 2
#037 1,00
Б ТРИСАН 1
#038 2,00

```

```

Б КАРТОМЕНА 1
#031 1,00
Б КАРТОМ С Н-30 1
#032 2,00
Б НЕКОМАНДОА 1
#033 2,00
Б РОКЯ САНТА 1
#031 2,00
Б ПАНФ.КОРЕИИ 1
#035 6,00
Б ПЪМ В ИДИО 2
#037 3,00
Б ИКЕНБЕ В ИДИО 1
#039 2,70
Б СРЕНЕ-ПОКОИ 1
#030 5,20
Б ПИВЕЧЕ 2
#034 2,40
Б ПЕТА-ИЕРАШИ 1
#040 3,40
Б КАРТОМ "СОТЕ" 2
#041 3,50
Б ПАРКЕН ФИРАН 1
#040 4,00
Б ПАРКЕН СОМ 1
#042 3,50
Б БРАУ РИБА ПАНЕ 1
#043 3,00
Б СКУМРИА-СИРА 1
#044 2,50
Б ПИЛ.ПАРКОМ # 1
#046 3,00
Б ПАКЕ ГРАМ 1/2 1
#045 2,00
Б ГРА.КОТЛЕТ 1
060 113,50

```

```

ОТЧЕТ
ЩАНДОВЕ
#1 50,50
#3 11,20
#4 49,40
060 113,50

ОТЧЕТ
СТОКОВИ ГРУПИ
#01 113,50
060 113,50

ОТЧЕТ
ОПЕРАТОРИ
ЕЛИАД #01
БРОИ КЛИЕНТИ 3
060 0,00
= 0,00
РОЦИА #02
БРОИ КЛИЕНТИ 8
АРТИКУЛИ 113,50
В БРОИ 113,50
060 113,50
ВЪВЕДЕНИ 6,40
= 119,90
КОРЕКЦИИ 1
-410,00

```

```

ОТЧЕТ
ОБЩО КАСА
БРОИ КЛИЕНТИ 11
АРТИКУЛИ 113,50
060 113,50
В БРОИ 113,50
060 113,50
ВЪВЕДЕНИ 1
= 6,40
= 119,90
КОРЕКЦИИ 1
-410,00

ОТЧЕТ
ДНЕВЕН ОБРОТ, ДДС
# # # # #
ДДС #РА % = 5,00
ОБРОТ 0,00
НЕТО СТ-СТ 0,00
НАЧИСЛЕН ДДС 0,00
ДДС #ББ % =30,00
НЕТО СТ-СТ 0,00
НАЧИСЛЕН ДДС 26,19
ДДС #ББ % =50,00
ОБРОТ 0,00
НЕТО СТ-СТ 0,00
НАЧИСЛЕН ДДС 0,00
060 ОБРОТ
113,50
Н ПОСЛ.ДОК. 0449
# # # # #
НЕУИМРАНИ КАСА
0449
20-01-03 12:55
= СЪМЪВЕН БОИ =
ОТ 123456 02123456

```

## Example reports of ECR MP55 with clearing (confirmed)

```

ИМЕ НА ФИРМА
АДРЕС НА ФИРМА
ИМЕ НА ОБЕКТ
АДРЕС НА ОБЕКТ
ЕВЮСТАТ
ДАН.И1234567890АВВ
02

ДНЕВЕН
ФИНАНСОВ ОТЧЕТ

БРОИ КЛИЕНТИ 11
НАДЕВАНИ 0
0,00
ОТСТЪПКИ 0
0,00
КОРЕКЦИИ 1
-410,00
В БРОИ 113,50

ОТЧЕТ
ОПЕРАТОРИ
ЕЛИАД #01
БРОИ КЛИЕНТИ 3
060 0,00
060 0,00
= 0,00
РОЦИА #02
БРОИ КЛИЕНТИ 8
АРТИКУЛИ 113,50
В БРОИ 113,50
060 113,50
ВЪВЕДЕНИ 6,40
= 119,90
КОРЕКЦИИ 1
-410,00

ОТЧЕТ
ОБЩО КАСА
БРОИ КЛИЕНТИ 11
АРТИКУЛИ 113,50
060 113,50
В БРОИ 113,50
060 113,50
ВЪВЕДЕНИ 1
= 6,40
= 119,90

```

```

ОТЧЕТ
ДНЕВЕН ОБРОТ, ДДС
# # # # #
ДДС #РА % = 5,00
ОБРОТ 0,00
НЕТО СТ-СТ 0,00
НАЧИСЛЕН ДДС 0,00
ДДС #ББ % =30,00
ОБРОТ 113,50
НЕТО СТ-СТ 0,00
НАЧИСЛЕН ДДС 26,19
060 ОБРОТ
113,50
Н ПОСЛ.ДОК. 0449
# # # # #
СМА ОБРОТ
17046,59
СМА НЕТО СТ-СТ
13025,74
СМА ДДС
3520,85
# # # # #
# БЛОК ИМС.П.0040
# ИМСИЕН БОИ =
20-01-03 12:55
ОТ 123456 02123456

```

## Example reports of operator

<pre> HME HA HMPHA RQPEC HA HMPHA HME HA OBEKT RQPEC HA OBEKT SVACTAT DZH.M1234567890AEB 02  E.MUJ  #01 EPON KUMENTI  5 APTKYUM  30.00 OEND  30.00 B EPON  30.00 OEND  30.00 = 30.00 HUMPAH OPEPATOP  0475 28-01-03  13:19 = C.MESEH 60H = DT 123456 02123456 </pre>	<pre> HME HA HMPHA RQPEC HA HMPHA HME HA OBEKT RQPEC HA OBEKT SVACTAT DZH.M1234567890AEB 02  E.MUJ  #01 EPON KUMENTI  5 APTKYUM  30.00 OEND  30.00 B EPON  30.00 OEND  30.00 = 30.00 HUMPAH OPEPATOP  0477 28-01-03  13:19 = C.MESEH 60H = DT 123456 02123456 </pre>
<pre> HME HA HMPHA RQPEC HA HMPHA HME HA OBEKT RQPEC HA OBEKT SVACTAT DZH.M1234567890AEB 02  POCUJ  #02 EPON KUMENTI  4 APTKYUM  24.00 OEND  24.00 B EPON  24.00 OEND  24.00 = 24.00 HUMPAH OPEPATOP  0476 28-01-03  13:19 = C.MESEH 60H = DT 123456 02123456 </pre>	<pre> HME HA HMPHA RQPEC HA HMPHA HME HA OBEKT RQPEC HA OBEKT SVACTAT DZH.M1234567890AEB 02  RHPEN  #05 EPON KUMENTI  4 APTKYUM  88.30 OEND  88.30 B EPON  88.30 OEND  88.30 = 88.30 HUMPAH OPEPATOP  0478 28-01-03  13:19 = C.MESEH 60H = DT 123456 02123456 </pre>

## Edit of prices and check-ups

This mode is used to change prices and check-ups.

Switch to state „Z“ and press **PLU** and **3**.

For choosing of item, enter its number and press **PLC**.

It is possible to input the Code of item, followed by pressing of the key **PLU**. In both cases the decimal point is ignored.

The key **PLC** indicates **n** and the item's number.

The key **PLU** indicates **PLU** and the item's code.

The key **PRC** indicates the item's price.

By pressing the key **X** on the display shows the sold quantity of the item.

New price could be input by the key **PRC**, when in the field price is entered number.

The reading of barcode with barcode scanner, automatically choose the article with the respective barcode.

## Reading of the fiscal memory (X and Z)

When the fiscal memory is put in operation, this mode is used for reading of the fiscal memory daily blocks and preparing of periodical reports.

The following reports could be prepared:

### Detail report of the fiscal memory from certain initial DATE to other final DATE:

This report is generated after the activating of „X“ or „Z“ mode.

Display shows: [IECR] [X] PLU 2 or [IECR] [Z] PLU 3

Press the following keys:

1 STL DD/MM/YY X DD/MM/YY\* VD  
 (initial date) (final date)

(DD/MM/YY – two digits could be input for Day, Month and Year – for example 22 09 99)

### Short report of the fiscal memory from certain initial DATE to other final DATE:

This report is generated after the activating of „X“ or „Z“ mode.

Display shows: [IECR] [Z] PLU 3

Press the following keys:

1 1 STL DD/MM/YY X DD/MM/YY\* VD  
 (initial date) (final date)

Examples for detailed and short report of the fiscal memory from certain initial date to other final date

<pre> RPEE HA MWPA WNE HA OSEKT RPEE HA OSEKT BYKSTAT DPA.M123456789000 02  ПЪЛЕН 074. MWKJAHN TAMET  OT DATA 27-01-03 DD DATA 28-01-03 DDC 6 OT БУК 0026 ДРОЕАН ЧАСА 22-01-03 13:29 A= 5,00% B=30,00% B=50,00%  БУК 0033 27-01-03 ОБОПТАН 12,02 ОБОПТА6 0,25 ОБОПТА8 5,55 ОБН ОБОПТ 21,82 N00354  БУК 0034 27-01-03 ОБОПТАН 0,00 ОБОПТА6 3046,65 ОБОПТА8 0,00 ОБН ОБОПТ 3046,65 N00366  БУК 0035 28-01-03 ОБОПТАН 0,00 ОБОПТА6 3046,65 ОБОПТА8 0,00 ОБН ОБОПТ 3046,65 N00375  БУК 0036 28-01-03 ОБОПТАН 0,00 ОБОПТА6 3015,50 ОБОПТА8 0,00 ОБН ОБОПТ 3015,50 N00389  БУК 0037 28-01-03 ОБОПТАН 0,00 ОБОПТА6 1,40 ОБОПТА8 0,00 ОБН ОБОПТ 1,40 N00392           </pre>	<pre> БУК 0038 28-01-03 ОБОПТАН 0,00 ОБОПТА6 2,00 ОБОПТА8 0,00 ОБН ОБОПТ 2,00 N00395  БУК 0039 28-01-03 ОБОПТАН 0,00 ОБОПТА6 16,40 ОБОПТА8 0,00 ОБН ОБОПТ 16,40 N00406  БУК 0040 28-01-03 ОБОПТАН 0,00 ОБОПТА6 113,50 ОБОПТА8 0,00 ОБН ОБОПТ 113,50 N00443  СУМА ОБОПТ, ДД ОБОПТАН 12,02 ДДСН 0,57 ОБОПТА6 2046,35 ДДС6 2133,77 ОБОПТА8 9,55 ДДС8 3,18 ОБН ОБОПТ 2057,92 ОБН ДДC 2137,32 EPOM EOKOBE 36 N00443  0479 28-01-03 13:25 # MWKJAHN EOH # DT 123456 02123456           </pre>	<pre> WNE HA MWPA WNE HA OSEKT RPEE HA OSEKT BYKSTAT DPA.M123456789000 02  СЪКРАТЕН 074. MWKJAHN TAMET  DD DATA 22-01-03 DD DATA 28-01-03  ДДС 4 OT БУК 0024 ДРОЕАН ЧАСА 14-01-03 10:16 A= 0,00% B=25,00%  БУК 0024 22-01-03  ДДС 5 OT БУК 0025 ДРОЕАН ЧАСА 22-01-03 13:19 A= 0,00% B=25,00%  БУК 0025 22-01-03  ДДС 6 OT БУК 0026 ДРОЕАН ЧАСА 22-01-03 13:29 A= 5,00% B=30,00% B=50,00%  БУК 0026 22-01-03 БУК 0027 22-01-03 БУК 0028 22-01-03 БУК 0029 22-01-03 БУК 0030 24-01-03 БУК 0031 24-01-03 БУК 0032 24-01-03 БУК 0033 27-01-03 БУК 0034 27-01-03 БУК 0035 28-01-03 БУК 0036 28-01-03 БУК 0037 28-01-03 БУК 0038 28-01-03 БУК 0039 28-01-03 БУК 0040 28-01-03           </pre>	<pre> СУМА ОБОПТ, ДДC ОБОПТАН 111,66 ДДСН 5,32 ОБОПТА6 10703,99 ДДС6 2945,14 ОБОПТА8 71,82 ДДС8 23,87 ОБН ОБОПТ 18887,27 ОБН ДДC 2454,33 EPOM EOKOBE 61 N00443  0480 28-01-03 13:27 # MWKJAHN EOH # DT 123456 02123456           </pre>
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## Detailed report of the fiscal memory BLOCK by BLOCK:

This report is generated after the activating of „X“ or „Z“ mode.

Display shows: [ECCR] [Z] PLU 3

Press the following keys:

2 STL XXXX X YYYY VD  
*(initial block)* *(final block)*

## Short report of the fiscal memory BLOCK by BLOCK:

Display shows: [ECCR] [Z] PLU 3

Press the following keys:

1 2 STL XXXX X YYYY VD  
*(initial block)* *(final block)*

## Examples for detailed and short reports of the fiscal memory block by block:

<p>ME HA MWPA            RPEP: HA MWPA            ME HA DEENT            RPEP: HA DEENT            SVAKTAT            DN: P1234567890AB            BZ</p> <p>ПЪЛНЕН            074. MWKRAHA TRNET</p> <p>OT SLOK 0013            KO SLOK 0040</p> <p>DDC 1 OT SLOK 0000            EPOMH MCHRA            27-11-02 05:00            H= 0.00;            S=20.00;</p> <p>SLOK 0013 00-01-03            OGPOTHA 0.00            OGPOTHE 107.21            OEN OGPOT 107.21            NDB000</p> <p>SLOK 0014 00-01-03            OGPOTHA 0.00            OGPOTHE 107.21            OEN OGPOT 107.21            NDB000</p> <p>SLOK 0015 00-01-03            OGPOTHA 0.00            OGPOTHE 373.50            OEN OGPOT 373.50            NDB173</p> <p>SLOK 0016 00-01-03            OGPOTHA 0.00            OGPOTHE 35.00            OEN OGPOT 35.00            NDB170</p> <p>SLOK 0017 13-01-03            OGPOTHA 0.00            OGPOTHE 708.23            OEN OGPOT 708.23            NDB153</p>	<p>SLOK 0030 20-01-03            OGPOTHA 0.00            OGPOTHE 2.00            OGPOTI0 0.00            OEN OGPOT 2.00            NDB350</p> <p>SLOK 0030 20-01-03            OGPOTHA 0.00            OGPOTHE 15.40            OGPOTI0 0.00            OEN OGPOT 15.40            NDB406</p> <p>SLOK 0040 20-01-03            OGPOTHA 0.00            OGPOTHE 113.50            OGPOTI0 0.00            OEN OGPOT 113.50            NDB449</p> <p>CMA OGPOT, DDC            OGPOTHA 12.02            DDCNA 0.57            OGPOTHE 3246.35            DDCHE 2133.77            OGPOTHE 9.55            DDCHE 1.18            OEN OGPOT 9057.92            OENO DDC 2137.52            EPOM EGHORE 36            NDB449</p> <p>0470            20-01-03 13:25            # MWKRAHEH EGH #            DT 123456 02123456</p>	<p>OGPOTI6 1.40            OGPOTI0 0.00            OEN OGPOT 1.40            NDB330</p> <p>SLOK 0030 20-01-03            OGPOTHA 0.00            OGPOTHE 2.00            OEN OGPOT 2.00            NDB350</p> <p>SLOK 0030 20-01-03            OGPOTHA 0.00            OGPOTHE 15.40            OEN OGPOT 15.40            NDB406</p> <p>SLOK 0030 20-01-03            OGPOTHA 0.00            OGPOTHE 15.40            OEN OGPOT 15.40            NDB406</p> <p>SLOK 0040 20-01-03            OGPOTHA 0.00            OGPOTHE 113.50            OEN OGPOT 113.50            NDB449</p> <p>DDCNA 111.66            OGPOTHE 5.32            DDCHE 10572.77            OGPOTHE 3443.27            DDCHE 71.62            OEN OGPOT 23.87            OENO DDC 10736.05            3472.46            EPOM EGHORE 101            NDB449</p> <p>0401            20-01-03 13:31            # MWKRAHEH EGH #            DT 123456 02123456</p>	<p>ME HA MWPA            RPEP: HA MWPA            ME HA DEENT            RPEP: HA DEENT            SVAKTAT            DN: P1234567890AB            BZ</p> <p>СЪКРАТЕН            074. MWKRAHA TRNET</p> <p>OT SLOK 0030            KO SLOK 0040</p> <p>DDC 6 OT SLOK 0020            EPOMH MCHRA            22-01-03 13:29            H= 5.00;            S=30.00;            B=50.00;</p> <p>SLOK 0030 24-01-03            SLOK 0031 24-01-03            SLOK 0032 24-01-03            SLOK 0033 27-01-03            SLOK 0034 27-01-03            SLOK 0035 20-01-03            SLOK 0036 20-01-03            SLOK 0037 20-01-03            SLOK 0038 20-01-03            SLOK 0039 20-01-03            SLOK 0040 20-01-03            CMA OGPOT, DDC            OGPOTHA 91.10            DDCNA 4.74            OGPOTHE 5302.03            DDCHE 2146.02            OGPOTHE 20.05            DDCHE 9.55            OEN OGPOT 3421.70            OENO DDC 2160.51            EPOM EGHORE 42            NDB449</p> <p>0402            20-01-03 13:33            # MWKRAHEH EGH #            DT 123456 02123456</p>
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## Reading from the fiscal memory (X3)

### Printing of Table 4 of the Fiscal memory – tax groups

This mode is activated after switching in mode „X“

with keys **PLU** and **3**

For every programmed row of the fiscal memory's TABLE 4, consecutively is printed the following information:

- TYPE of the tax and number of the row at the table;
- NUMBER of the FIRST DAILY BLOCK of the fiscal memory, to which refers this row (N, nnnnn);
- NUMBER of the fractional digits at the price of the item  
PRICE: 0,00 or 0
- LETTER SYMBOL of the permitted tax groups;
- THE VALUE in PERCENTS.

At the beginning are printed:

- data of putting in operation;
- tax number;
- number of the ECR;
- number of the fiscal memory.

**Table No. 4. Tax Groups**  
Contains 8 rows with 18 fields.

Field No	Parameter	Range	Note
1	Flag: TAX A is in use	0 1	Not in use In use; Default: 1
2	Flag: TAX B is in use	0 1	Not in use In use; Default: 1
3	Flag: TAX C is in use	0 1	Not in use In use; Default: 0
4	Flag: TAX D is in use	0 1	Not in use In use; Default: 0
5	Flag: TAX E is in use	0 1	Not in use In use; Default: 0
6	Flag: TAX F is in use	0 1	Not in use In use; Default: 0
7	Flag: TAX G is in use	0 1	Not in use In use; default: 0
8	Flag: TAX H is in use	0 1	Not in use In use; Default: 0
9	TAX A is ..%	0.00 - 99.99	Default: 0.00
10	TAX B is ...%	0.00 - 99.99	Default: 0.00
11	TAX C is ...%	0.00 - 99.99	Default: 0.00
12	TAX D is ...%	0.00 - 99.99	Default: 0.00
13	TAX E is ...%	0.00 - 99.99	Default: 0.00
14	TAX F is ...%	0.00 - 99.99	Default: 0.00
15	TAX G is ...%	0.00 - 99.99	Default: 0.00
16	TAX H is ...%	0.00 - 99.99	Default: 0.00
17	Reserved		
18	Flag: Prices are with decimal point	0 1	W/O decimal point with 2 digits after the decimal point

## Example for report of Table 4 of the Fiscal memory

```

ИМЕ НА ФИРМА
АДРЕС НА ФИРМА
ИМЕ НА ОБЕКТ
АДРЕС НА ОБЕКТ
БУЛТАТ
ДАН. #1234567890#88
02

ВЪВЕДЕНА
В ЕКСПЛОАТАЦИЯ
10-12-02 09:45

ДДС 1 ОТ БЛОК 0000
ДРОБИ ЧИСЛА
27-01-03 09:00
А= 0.00%
Б=20.00%

ДДС 2 ОТ БЛОК 0001
ЦЕЛИ ЧИСЛА
13-01-03 15:55
А= 0.00%
Б=20.00%

ДДС 3 ОТ БЛОК 0003
ДРОБИ ЧИСЛА
13-01-03 16:00
А= 0.00%
Б=20.00%

ДДС 4 ОТ БЛОК 0004
ДРОБИ ЧИСЛА
14-01-03 10:16
А= 0.00%
Б=25.00%

ДДС 5 ОТ БЛОК 0005
ДРОБИ ЧИСЛА
22-01-03 13:19
А= 0.00%
Б=25.00%

```

```

ДДС 6 ОТ БЛОК 0006
ДРОБИ ЧИСЛА
22-01-03 13:29
А= 5.00%
Б=30.00%
В=50.00%

0486
20-01-03 13:41
= СЪВРЕМЕН БОИ =
DT 123456 02123456

```

## 4. Putting in operation of the fiscal memory

This is service mode and is used only by authorized service technicians during the opening of the activity of a trade object.

The putting in operation of the fiscal memory is explained in details in the service manual.

After the putting in operation of the fiscal memory, ECR prints the following service receipt:

```

ИМЕ НА ФИРМА
АДРЕС НА ФИРМА
ИМЕ НА ОБЕКТ
АДРЕС НА ОБЕКТ
БУЛТАТ
ДАН. #1234567890#88
02

ВЪВЕДЕНА
В ЕКСПЛОАТАЦИЯ
10-12-02 09:45

ДДС 6 ОТ БЛОК 0006
ДРОБИ ЧИСЛА
22-01-03 13:29
А= 5.00%
Б=30.00%
В=50.00%

0486
20-01-03 13:53
= СЪВРЕМЕН БОИ =
DT 123456 02123456

```

## 5. Control tests:

Form OFF state

[ECR]

OFF

with key

8

switch to:

[ECR]

0 1-8

The tests are activated with the respective keys (from 1 to 8). With key 0 automatically are started tests from 1 to 5.

0

The tests are the following types:

- 1 – **Printer's test**
- 2 – **Displays' test**
- 3 – **Memory test**
- 4 – **Keyboard test**
- 5 – **Fiscal memory reading test**
- 6 – **Fiscal memory record test**  
(could be made 15 times);
- 7 – **Clock test** –  
initiates the status up to  
the minute (00 seconds);
- 8 – **Full memory test.**
- TL – **Prints parameters identifying the ECR.**

```

MNE HA MHPA
APPE: HA MHPA
MNE HA OSEKT
APPE: HA OSEKT
  ECUATAT
DAM. 01234567890AB
02

```

```

! *#%?'()*+,-./:
"0123456789:;{+}??
"ABCDEFGHIJKLMNO
"PQRSTUVWXYZ.....
"RSTUVWXYZ[^\_`!@
"123456789012345678901
ABCDEFGHIJKLMNO
TEST 1 END
TEST 2 END
TEST 3 OK
TEST 4 END
TEST 5 11 OK
TEST 6 10 OK
TEST 8 OK
VER 25.08/02-12-02
CHECK SUM: 28C5

```

```

0403
20-01-03 13:52
= CARRESEN 50H =
DT 123456 02123456

```

*Example of receipt of control tests.*

# Troubleshooting

## Troubleshooting

Problem	Cause	Solution
The operator has done the sell, but the ECR doesn't print a receipt	<p>1. Not working power supply</p> <p>2. No paper</p> <p>3. The printer is congested</p>	<p>1. After restoring the power supply is guaranteed the receipt printing. First the ECR prints * and next the receipt content</p> <p>2. Put new roll of paper</p> <p>3. Clear the printer's mechanism</p>
Printing of a message „Too many operators“	After the last report and clearing the ECR on it have worked more than 8 operators.	It is necessary to clear the ECR or to make report of of the operators
In registration mode on the display appears „1“, and on the paper is printed „Overload of the memory“	Overloading	It is necessary to clear the ECR.
Message „Left NN reports“, NN is the number of the Reports	The free volume of the Fiscal memory is limited	Informational message. It is necessary to change the FM. Please contact an authorized service

When Switch On the ECR, it prints a message „cleared memory“ and at the fiscal memory is recorded zeroed daily report	Error in the memory	<p>1. Program again the ECR and input all sales from the tax inspector roll made after the last correct report</p> <p>2. Please contact an authorized service for changing of the battery</p>
The ECR interrupts the periodical report and prints message for changing and interrupting the report	Change of the decimal point place at the price	Make new periodical report. The initial block should be with the number of the first block after the changes
Printing of a message for changing of a tax groups, № and data of the initial block with the new taxes and № of the new row tax groups: „New taxes“	During the period have been changed the tax groups (new groups or new %)	Make new periodical report