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## **I. INTRODUCTION**

DATECS MP-5000 (Latvian version) is a programmable cash register. It's functions are flexible and address a variety of needs in sales, supermarkets, pharmacies, and restaurants. It has complete report-making capabilities. In the following pages, you will find information on installation, programming, proper use and maintenance.

### **FEATURES**

#### **Types of work organisation:**

Check-out;  
One cash register and several operators;  
One operator serving several departments;  
Waiter services (In restaurant mode).

#### **PLUs and PLU Departments:**

Up to 2400 PLUs( with two paper rolls 35+20mm) 1000 PLUs (with electronic journal);  
One-touch access to the first 4 PLUs or PLU Departments;  
PLU Code range 0 to 9999 (up to 999 999 999 with PC Connection);  
Incorporate barcode in standalone and PC connection mode)  
Up to 22 character name, 8-digit Price, 8 available Tax Groups  
( A and B VAT Groups are available by default ) ;  
Inventory quantity 0-99999.999(100,000 units);  
Up to 9 stands, and up to 99 Item Groups.

#### **Operators:**

Up to 30 operator names and passwords;  
8 operators can work simultaneously.

#### **Register mode:**

Combined types of payment for a single bill: Cash, Card;  
Up to 6 programmable text lines on receipt;  
Permit or reject the usage of (%+) and (%-) keys;  
Require operator to enter cash received before totalling.

#### **Restaurant mode:**

Serve up to 200 tables with 9 different customers each;

Print multiple copies per order for up to 9 PLU supply areas.

**Operation modes:**

REG (Registration)

X Report

Z Report and Zero

PGM ( Programming)

**Memory:**

Stores information for at least 90 days after switching off the ECR;  
128kByte CMOS RAM.

**Printer:**

thermal printer

32 characters per line

**Display:**

10-digit numeric LCD with several icons.

**Consumables:**

Standart mode:

thermal paper rolls - 35mm (for customer) + 20mm (for tax inspector)

Electronic Journal mode:

thermal paper roll - 58mm

# I. ECR CONSTRUCTION

## 1. ECR Outlook

The outlook of the cash register is shown on fig. 1. In the following pages you will find detailed information on the basic parts of the ECR.



- 1 - Upper cover
- 2 - Printer Cover
- 3 - Operator's Display
- 4 - Keyboard
- 5 - Customer's Display (Option)
- 6 - Power supply
- 7 - Interfaces, printer
- 8 - Bottom cover

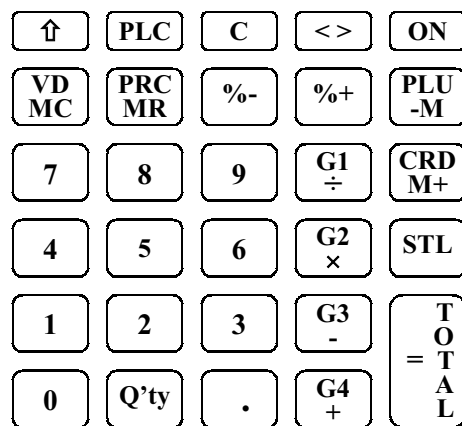
In order to enter registration mode a password is needed. The password can be 8-digits long. It is entered through the Numeric Key Block of the keyboard. By using of the keys **C**, **↑**, and Numeric Keys **1, 2, 3, 4, 5, 0, ., ,** you can enter the other modes.

## 2. Display

DATECS MP-5000 has one 10-digit numeric LCD display with several icons.

## 3. Keyboard

The keyboard consists of 29 keys. Key functions are different in each mode, but in general: Numerical Keys access modes and enter numbers and numerical data, such as passwords and prices. Selection keys access the first 4 PLUs or PLU Departments. In order not to mix them with the Numerical Keys further in the text we will identify them as G1-G4.



## 4. Printer

The Electronic Cash Register DATECS MP-5000 uses a thermal printer PLM. For securing proper work of the printer it is recommended to use only consumables (thermal paper rolls) which meet the following requirements:

- thermal paper rolls (customer and tax inspector) must be 35mm and 20mm respectively wide and with a diameter up to 40mm.

## 5. Memory

The memory chip installed in the MP-5000 saves current data, including programmed PLU parameters (code, name, price, quantity). It also includes turnover accumulated since the last ECR Report and Clear.

An internal battery supports the memory and ensures protection of information for over 90 days if power is cut off. Each time the cash register is turned on, internal control numbers confirm the accuracy of the data. If for some reason (such as placing the ECR in extreme physical conditions) the internal balance is upset, an error message will signal to the operator at the beginning of use, and data will be reset to the default settings of the ECR. In this case the cash register must be programmed again.

## II. INSTALLATION

### 1. Unpacking

Open the carton box and take out the ECR. In the carton you will find "User's Manual".

### 2. Switching the ECR ON/OFF

The ECR "DATECS MP-5000" uses battery NiMH. For its charge an adapter 12V/0.5A is used. The ECR is turned on by pressing Key **ON**. The ECR is in mode "OFF". The display shows: "OFF". In this mode the following functional keys can be used: **↑**, **.**, **0**, **9**.

**↑** - by pressing this key the paper is fed in the printer. This function is the same in all modes.

**.** - by pressing this key the real time clock is displayed.

**0** - in OFF mode after pressing this key the ECR is switched off.

**9** - for connection with PC. Display must show OFF-ln.

### 3. Loading Paper Rolls

#### Before you start

**Required:** Two thermal paper rolls, width 35mm + 20mm, diameter up to 40 mm. The cash register will not work if the paper roll is not inserted properly.

**Hint:** Always check the paper supply before beginning work. If paper runs out or is low, insert new rolls.

**To remove a paper roll:** tear it on the supply side, and press **↑** key to forward the paper through the printing mechanism. NEVER pull the paper through the printing mechanism when the thermal head is closed.

1. Lift off the printer cover

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

Display shows:




· if paper is not inserted or is inserted incorrectly.



· if paper is inserted correctly


3. Lead the paper end in the printing mechanism until it stops.

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

5. For the journal roll insert the end into the take-up spool.

6. Insert the printer cover.

7. Press  several more times to tighten the paper.

8. Press  to remove the “PF” from the display.



## IV. OPERATION MODES

DATECS MP-5000 has the following modes of operation, which correspond to the pressing of the keys:

- ,  ,  - mode **REG (Registration)**;
- ,  ,  - mode **X (Report)**;
- ,  ,  - mode **Z (Report & Clear)**;
- ,  ,  - mode **PRG (Programming)**;
- ,  ,  - calculator mode (option);
- ,  ,  - Clock mode
- ,  ,  - ECR charging is OFF.

The ECR modes:

- ,  ,  , **password** -Normal Register Operation (operators password)
- ,  ,  , **password**,  -ECR Report ( password of operators 25 to 30 )
- ,  ,  , **password**,  -ECR Report and Clear (password of operators 27 to 30)
- ,  ,  , **password**,  -Operator Report and Clear (password of operators 27 to 30)
- ,  ,  , **password**,  -Edit prices; Add to inventory quantity (password of operators 27 to 30)
- ,  ,  , **password**,  -ECR Special parameters Programming (password of operators 29 to 30)
- ,  ,  - ECR is OFF
- ,  ,  - Test Mode
- ,  ,  - Clock Mode

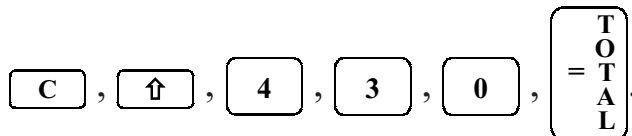
Logging out of any of these modes is after pressing the keys  ,

Later in the text you will find a detailed description of all modes as well as some examples how to program the parameters of MP-5000.

## V. PROGRAMMING MODE (PGM1 and PGM2)

### 1. Mode selection

· **Programming the memory of the ECR** - To select this mode press the following keys:

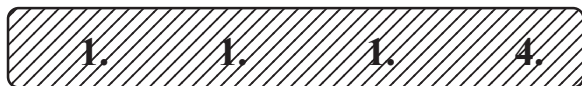


Now all the specifications which can be programmed into the cash register, including parameters such as shop organisation, operators, PLU codes and prices, PC communication etc. can be entered.

.....  
 : **NOTE:** Programming mode can be selected only after the ECR is reported :  
 : and cleared (part VII) :  
 : .....

All parameters, which can be programmed in the Programming mode are organised in Tables. Every Table consists of several lines, lines consist of fields and 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



*Table No.    Line No.    Field No.    Number of Symbols  
in the field*

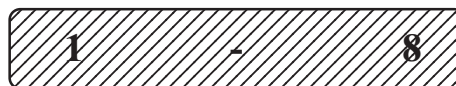
### FIELD CONTENT

#### Numeric



*Field No.    Programming data*

#### Alphanumeric



*Field No.    Symbol of register    Number of Symbols*

The Symbol Register is displayed as follows :

—	: the first page of Lithuanian Alphabet
=	: the second page of Lithuanian Alphabet
°	: the third page of Lithuanian Alphabet
—.	: the first page of Cyrillic Alphabet
=.	: the second page of Cyrillic Alphabet
°.	: the third page of Cyrillic Alphabet
	: digits
	: punctuations symbols.

## 2. Keyboard Function In Programming mode

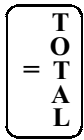
### Numeric keys

Use these keys to program values for numeric fields.

: clears incorrect entries. Key  is blocked and cannot be used. In fields where only the values of 0 and 1 are permitted, the remaining keys are blocked too.



### Function keys

<input type="text" value="Q'ty"/>	: go to next table. After the table with the maximum number follows the table with the least number.
<input type="text" value="%-"/>	: go to the next line
<input type="text" value="%+"/>	: go to the previous line
<input type="text" value="PRC MR"/>	: go to the next field
<input type="text" value="VD MC"/>	: go to the previous field
<input type="text" value="STL"/>	: read field parameters
<input type="text" value="CRD M+"/>	: print field contents





: save new entry in the field



: Used in table 7 only as Confirm key combination - press  and  to confirm data entry into clock/calendar.

Direct access to line N. For this:

1. Press  key.
2. With the numeric keys select the necessary line No.
3. Once again press .



: Select the first page of the Lithuanian/Cyrillic alphabet



: Select symbol register for inputting digits while programming alphanumeric field.



: Select the second page of the Lithuanian/Cyrillic alphabet




: Select the third page of the Lithuanian/Cyrillic alphabet



: Select the page with punctuation symbols


## Information Keys























The numeric fields are programmed by the numeric keys. In this case  key is used for deleting the entered data.












Alphanumeric fields are programmed with the help of the information keys, on which all characters from the Lithuanian and Cyrillic alphabets are placed, including the punctuation characters.























The layout of the information keys depends on the selected symbol register:

- Lithuanian            - first, second and third page
- Cyrillic                - first, second and third page
- Numbers and punctuation characters.

On the following pages you will find the layout of the keyboard with the meaning of the different information keys.  key is used to enter a space.

The first page of the first Alphabet ( _ )			The second page of the first Alphabet( = )		
 -A	 -D	 -G	 -B	 -E	 -H
 -J	 -M	 -P	 -K	 -N	 -Q
 -S	 -V	 -Y	 -T	 -W	 -Z
 -Ě		 -Č	 -Ī		 -Š

The third page of the first Alphabet ( ° )		
 -C	 - F	 - I
 -L	 - O	 - R
 - U	 - X	 - Ā
 - Ū		 - Ž

Digits (   )			Punctuations Symbols (     )		
 - 7	 - 8	 - 9	 - ,	 - .	 - -
 - 4	 - 5	 - 6	 - “	 - *	 - =
 - 1	 - 2	 - 3	 - !	 - :	 - /
 - 0		 - .	 - №		 - bold next symbol

**The first page of Second Alphabet ( \_ . )**

7 - Г	8 - Н	9
4 - Б	5 - Ж	6 - Й
1 - У	2 - Ч	3 - Ъ
0 - Ю		.

**The second page of Second Alphabet ( =. )**

7 - К	8	9
4 - Г	5 - З	6 - Л
1 - Ф	2 - Ш	3 - Ы
0 - Я		.

**The third page of Second Alphabet ( °. )**

7 - Ъ	8	9
4 - Д	5 - И	6 - П
1 - Ц	2 - Щ	3 - Ь
0 - Э		

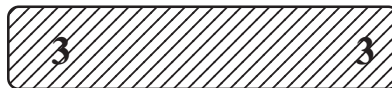
### 3. Memory Programming Mode (PGM1)

The parameters which are programmed in this mode and their meaning are systematised in Tables (Main Flags) NN. 1-7.

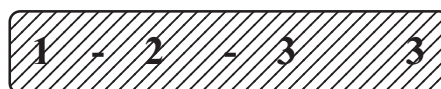
<b>Table 1</b>	<b>: PLU and PLU Departments</b>
<b>Table 2</b>	<b>: Shop Organisation</b>
<b>Table 3</b>	<b>: Operators</b>
<b>Table 4</b>	<b>: Parameters of keys +% and -%</b>
<b>Table 5</b>	<b>: Receipt format and copies, PLU and name range</b>
<b>Table 6</b>	<b>: Text on receipt</b>
<b>Table 7</b>	<b>: Clock/Calendar</b>

**Table No. 1 “ PLU and PLU Departments” - Programming**

1. Press the keys:  ,  ,  ,  ,  ,  , display must show:



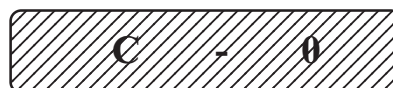
Otherwise the display will show :



To report and clear the ECR:

a) press numeric key  then

b) MP-5000 will print all reports and then the display will show:



c) enter  key for confirmation of clear operation. The printer will print a message indicating that the ECR is cleared.

2. Press the keys:  ,  ,  ,  ,  ,  .





**Table No.1. PLUs and PLU Departments**  
**Contains 2400/1000 lines: Each line has 11 fields**

<b>Field No</b>	<b>Parameter</b>	<b>Range</b>	<b>Notes</b>
1	PLU Code	0 - 9999	Default 1 to 8: 1 - 8 Default: 9 to 2400: 0
2	Name	up to 22	Default 1 to 8: Dept 1 - Dept 8 Symbols Default 9 -2400/1000: Space
3	Price	up to 8 digits	During programming ignore decimal point Default: 0.00
4	Sold Quantity	0 - 99999.999	Ignore decimal point up to 8 digits Default: 0.000
5	Department	1 - 9	Department Number 1 -8 Default: 1-8: 1-8, Default: 9-2400/1000:9; If 0 is programmed, department number is entered at time of sale
6	Item Group	1 - 99	Program Item Group Number Default: 1 If 0, Item Group is entered at time of sale
7	TAX Group	1 - 8	Program TAX Group 1-8 Default: 1 If 0, TAX Group is entered at time of sale
8	Flag: PLU or PLU Type	0 or 1	0 - PLU: Requires programmed price 1 - PLU Type: Enter price at time of sale Default: # 1 - 8 : 1 Default #9 - 2400/1000 : 0
9	Not in use		
10	5 most significant barcode digits	up to 5 digits or 0	Default: 100 000 0: when barcode is 8 digit barcode
11	8 less significant	8 digits	Default: 0

7. For programming the name of the article we use the information keys along with **PLU-M** (first page of first/second Alphabet). Double clicking on this key selects the first page from the second Alphabet. When symbol “bold next symbol” is pressed before a character it makes the character double width. The display will show you the current symbol register as follows:

- : the first page of Lithuanian Alphabet;
- = : the second page of Lithuanian Alphabet;
- : the third page of Lithuanian Alphabet;
- . : the first page of Cyrillic Alphabet;
- = . : the second page of Cyrillic Alphabet;
- . : the third page of Cyrillic Alphabet;
- | : digits ;
- || : punctuation symbols.

<b>B</b>	-	<b>G2</b> x	,	<b>7</b>	
<b>R</b>	-	<b>G3</b> -	,	<b>6</b>	
<b>E</b>	-	<b>G2</b> x	,	<b>8</b>	
<b>A</b>	-	<b>PLU</b> -M	,	<b>7</b>	
<b>D</b>	-	<b>8</b>			

8. If the name is correct press **Total** to confirm the entry.

9. Now press key **CRD+M** to verify on the printer the name which has been entered.

10. Press key **PRC MR** to move to the third field “PRICE”.

11. With the numeric keys enter the price. Then with **Total** confirm the entry and print the entered price by pressing key **CRD+M** .

12. Press key **PRC MR** to move to the 4th field “Inventory Quantity”. The display will show:



13. Press key **PRC MR** , **PRC MR** to move to field " Department".

14. Display will show:



15. Press the numeric key **1** to enter the Department number.  
Press key **Total** and **CRD +M** to save in memory and print on the printer.

16. Press key **PRC MR** to move to the 6-th field "ITEM GROUP".  
The display will show:



17. As in our example bread is in Item Group 3 press key **3** . Then press **Total** and **CRD +M** .

18. Press key **PRC MR** to move to the 7-th field "TAX GROUP".  
The display will show:



19. As in our example bread is in TAX Group 2, press numeric key **2** . Then press **Total** and **CRD +M** .

20. Press Key **PRC MR** to move to the 8-th field "PLU or PLU Type".  
The display will show:



As we are programming a PLU and not a PLU Type, press key **0** .

21. If the article has barcode, program it in fields 10 and 11.

**Now we have programmed all the parameters for the first item. In the same manner are programmed all the remaining items. Before start programming check each item's TAX Group, Item Group, Department and Price.**

**Table No. 2. Shop Organisation**  
**Contains 1 line: it has 9 fields**

Field No	Parameter	Range	Notes
1.	Cash Register #	1-99	Default:1
2.	Type of shop organisation	0 1 2 3	ECR at exit or serves 1 Department ECR serves more than 1 Department Restaurant mode Scales mode (working with DATECS electronic scales)
3.	Flag: When does drawer open?	0 1	When Total =0, Default At every Total
4.	Flag: Amt. tendered must be entered before TOTAL	0 1	input of cash received not obligatory input of cash received; obligatory Default: 0
5.	Flag: When Payment - CARD,1	0 1	ECR calculates change in cash ECR does not calculate change.
6.	Power Save Mode	0 1	standard power supply Battery Battery mode (Power Saving Mode)
7.	Flag: Sold Quantity	0 1	PLU Quantity is cleared in every Z,1 report PLU Quantity is accumulated and can be cleared for a period by pressing G4 in Z-mode
8.	Level of communication between PC and ECR	1 2 3	In-Line mode In-line and On-Line mode In-Line mode and sales are initiated by PC in REG Mode In In-Line mode ECR can be programmed and reported by PC only (like Fiscal Printer)
9.	Speed of communication channel between PC and ECR (Baud Rate)	1 2 3 4	1 200 BPS 2 400 BPS 4 800 BPS 9 600 BPS

**Table No. 2 “Shop Organization” - Programming**

1. Press the keys: **C**, **↑**, **4**, **3**, **0**, **TOTAL** (ECR must be reported and cleared). Press Key **1**. The display will show:

1. 1. 4

2. Press Key **Q'ty** and move to Table No. 2. The display will show:

2. 1. 1. 2

3. Field number 1 contains the logical address of MP-5000 in the shop. If there is only one ECR in the shop move to the second field “Type of shop organisation” else enter the logical number of ECR (1-99). Press **Total** and **CRD +M**.

4. Press key **PRC MR** to move to second field. Suppose your ECR is at shop's exit. Press key **0**. Then press keys **Total** and **CRD +M** in order to save the entry and to print on the printer.

5. Press key **PRC MR** to move to the 3-d field. This field stores the parameters for opening the cash drawer. The display will show:

2. 1. 3. 1

If you want the drawer to open after each sales transaction enter 1 else 0. Then press keys

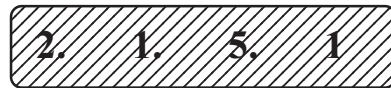
**Total** and **CRD +M** for saving and confirmation on the printer.

6. Press key **PRC MR** and move to the 4-th field. Display will show:

2. 1. 4. 1

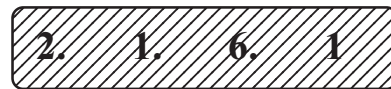
7. Press key 1 if you want that the ECR automatically prints change after inputting the amount received. Then press **Total** and **CRD +M** for saving and confirmation on the printer.

8. Press key **PRC MR** to move to the 5-th field. Display will show:



9. Default is 0. If you want to change it press key **1**. In this case when payment is CARD, 1 change will not be calculated. Operator will have to report the whole amount. Press key **Total** and **CRD +M**.

10. Press key **PRC MR** to move to the 6-th field. Display will show:



11. Press key **1** if you want to work on batteries. In this mode a power saving mode is enabled. This means that if there is not any entry from the keyboard for 30 sec the display will be switched off. Press keys **Total** and **CRD +M**. The display will be off till a new key is pressed.

12. Field 7 is used only in restaurant mode. Programming is done in the same way as above.

**Table No. 3. Operators**  
**Contains 30 line: each has 2 fields.**

Field No.	Parameter	Range	Notes
1.	Operator name	up to 10 characters	Default: Operator 1 - Operator 30
2.	Password	up to 8 digits	Default: from 1 to 30

**Table No. 3 “Operators” - Programming**

1. Press the keys: **C** , **↑** , **4** , **3** , **0** , **Total** ( ECR must be reported and cleared). The display will show:

**1 - 2 4**

This means that the ECR is ready for programming.

2. Operator's parameters are programmed in Table No 3. It has 30 lines i.e. up to 30 Operators can be registered. Each line consists of two fields one for Operator's name and one for his/her password.

3. Press key **1** . The display will show :

**1. 1. 4**

4. Press key **Q'ty** twice to move to Table No 3. The display will show:

**3. 1. 1. 10**

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

6. Press key **STL** . The display will show:

**1. - 10**

7. With the help of the information keys enter operators name. For example if operators name is ALEX proceed as follows:

Start by pressing **PLU -M** for English Alphabet page 1. Then press a code for each letter:

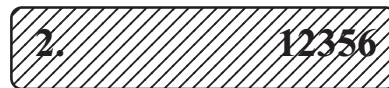
**A - 7 L - G3 - , 4 E - G2 x , 8 X - G3 - , 2**

6. Press **Total** to enter the data for field 1 into memory. If you need to confirm the data on the printer press **CRD +M**.

7. Press key **PRC MR** to move to the 2-nd field (Operator's Password). Display shows:



8. Enter Alex's password. For example 12356. The display will show:



9. Press key **Total** to save the entry and key **CRD +M** to confirm the entry on the printer. Display will show:



.....  
 :  
 : **NOTE:** Use this method to add or edit any entry in this table. :  
 :  
 :  
 .....

**Table No. 4 Parameters of keys %+ and %-**  
**Contains 2 Records (Rows): 1 relates to %+, and 2 relates to %-.**

Field No.	Parameter	Range	Notes
1.	Flag: permit use of keys	0 1	No; Default: 0 Permit use of keys: 1
2.	Percentage	0.00 ~ 99.99%	Enter 4 digits, do not use decimal poin Default:0.00



**Table No 5. Receipt Format And Copies, PLU Range  
Contains 1 line with 8 Fields**

Field No.	Parameter	Range	Note
1.	Symbols per line	1	Default (18 symbols per line)
		2	32 symbols per line (electr. joournal)
2.	Number of text rows at the end of receipt	0 - 3	Default: 1
3.	Flag: print Number of purchases	0	No; Default: 0
		1	Yes
4.	Flag: Print Tax	0	No, Default: 0
		1	Yes
5.	Flag: Print operator name	0	No; Default
		1	Yes
6.	Flag: separate total with blank lines	0	No
		1	Yes; Default
7.	Number of receipt copies	0 - 3	Default: 0 Printing is initiated by pressing <input type="button" value="&lt;&gt;"/> . In restaurant mode the printing starts automatically. The printing of next copy continues by pressing any key.
8.	Number of internal receipts	0 - 3	Internal receipts divide PLUs by Departments (Supply areas) They start automatically. Default: 0

Field 7 is to define the number of the copies of a special receipt containing only the amount of the receipt and the signature of the customer when paying with a credit card. Issuing of the exact copy of the receipt is forbidden.

Field 8 is to define the number of receipts for internal use in which sales are divided by departments (especially used in restaurant mode where departments could be the supply area of the meal and drinks).

**Table No. 6. Text on Receipt**  
**Contains 6 lines ( 3 lines for a slogan and 3 lines for an advertising message at the end of the receipt) Each line has 1 field.**

Field No	Parameter	Range	Notes
1.	Programmed Text	up to 32 symbols	

Below is the default text:

Line No	Text Location	Default text
1.	Line 1 of slogan	LAT IMPULSS-BT
2.	Line 2 of slogan	RĪGA, KENGARAGA 10
3.	Line 3 of slogan	TĀLR. 2261419
4.	Line 1 of message	PALDIES
5.	Line 2 of message	GAIDAM JŪS ATKAL
6.	Line 3 of message The first 3 symbols in this field are printed on the receipt instead of "TOTAL=" (t.5f.2 1 3)	

**TABLE No. 7. Clock**  
**Contains 1 line with 5 fields.**

The parameters for the Clock (hours and minutes) are saved with the help of keys **PLC** and 0 (for confirmation).

Field No	Parameter	Range	Note
1	Day	1 - 31	Default: Day, month, year of program version
2.	Month	1 - 12	
3.	Year	0 - 99	
4.	Hour	0 - 23	Default: 0
5.	Minute	0 - 59	Default: 0

#### 4. Special Parameters Programming Mode ( PGM2, PGM 3 ).

The parameters which are programmed in this mode are contained in Tables NN. 1 and 4.

##### Table No.1

Serial Number of the ECR (8 digits). Usually this table is programmed by the manufacturer DATECS Ltd. only one time and can not be reprogrammed.

##### Table No 4

Tax Groups. Tax Groups changes can be confirmed by pressing

$\begin{matrix} \text{T} \\ \text{O} \\ = \\ \text{T} \\ \text{A} \\ \text{L} \end{matrix}$  then **PLC** and **0** for confirmation recording into the Fiscal Memory.

Tax Groups can be reprogrammed 7 times maximum (1 for the default setting and 6 for the rest)

#### PGM 3. Fiscalisation of the ECR

For fiscalisation of the ECR (inputting the fiscal memory in use) verify the Time/Date - PGM1, table7, in PGM 2 table 4 (tax groups). If all these data

is inputted and correct press **C** , **↑** , **4** , **3** , **0** ,  $\begin{matrix} \text{T} \\ \text{O} \\ = \\ \text{T} \\ \text{A} \\ \text{L} \end{matrix}$  , **3**  
 (ECR printouts that is ready for fiscalisation) then confirm with **0** .

**Table No. 4. Tax Groups**  
**Contains 1 line with 18 fields.**

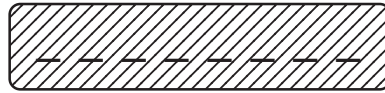
<b>Field No</b>	<b>Parameter</b>	<b>Range</b>	<b>Note</b>
1.	Flag: TAX A is in use	0 1	Not in use In use; Default: 1
2.	Flag: TAX B is in use	0 1	Not in use In use; Default: 1
3.	Flag: TAX C is in use	0 1	Not in use In use; Default: 0
4.	Flag: TAX D is in use	0 1	Not in use In use; Default: 0
5.	Flag: 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

## VI. Registration Mode (REG)

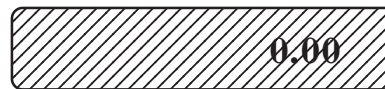
### 1. Enter registration mode

1. Press the keys: **C** , **↑** , **1** .

Display shows:



2. Enter operator's password and press **Total** . Display shows:



The Cash Register is ready for use in the registration mode.

### 2. Key functions in Registration Mode

#### Function Keys

**G1** - **G4** : The keys for direct access to the first 4 PLU or PLU Departments.

**PLU-M** : Follows PLU Code and shows that this is PLU Code or PLU Type.

*Price cannot be entered at time of sale for a PLU (programmed price). Price may be entered at time of sale for a PLU Type (Field 8, Table 1, Value = 1). Sale of PLU with 0.00 price causes an error on the display.*

**PRC MR** : The entered value is a price. The decimal point is available. This key is used for entering prices for PLU Types with numbers, greater than 4. The following sequence is used: enter the number for the price, press key **PRC MR** , enter PLU Type Number, press key **PLU-M** .

: The other way of using this key is when you have to input barcode value manually - press **PRC MR** , input barcode value, press **PRC MR** .

**Q'ty** : Follows quantity.

**PLC** : · Print validation number when level of communication is In-Line (Table 2, Field 8 = 1)

· In case when the ECR is programmed in Restaurant mode this key is used to enter table number.

· Used in cases when Department Number, Item Group, TAX Group number are programmed with a value of **0** (undefined). When any of this fields for a PLU or PLU Type is programmed with 0, the display will show a message, asking the Operator to enter the suitable number and then clear by pressing key **C**. The decimal point is ignored.

Messages: 1 - 9	-	Department Number
1 - 99	-	Item Group
A - E	-	TAX Group
1 - 199	-	Table Number (In Restaurant Mode)

**VD MC** : By pressing this key immediately after entering PLU, the sale is voided.

*If you want to void an item which already has been sold, but the receipt is not finished, press keys **C** and **VD MC**. Then once again enter the information which must be voided. 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 it is obligatory to enter the amount received from customer before pressing key **Total** ( Table No.2, field 4).

**CRD +M** : for stand alone applications this key is used when payment is done by check (or vulture). Operator must enter amount tendered. If the ECR is programmed to refuse change (Table 2, field 5), enter the total amount for the amount tendered.

**<>** **1** : • Enter the amount received in the cash drawer, then press **<>**  
This completes the transaction.

- Prints duplicate sales receipts: press after completing transaction.  
(Program the number of copies in Table 5, field 7)
- Prints bill in restaurant mode.

**<>** **2** : • Press this key after entering the amount paid out from the drawer.  
• Exit Registration Mode in Restaurant Mode

*To pay out some amount from the drawer first enter the amount and then press **<>** key. This operation must be performed only in the beginning of the receipt. Exit Registration Mode with the help of key **<>** is performed when:*

- in the beginning of the receipt;
- if before pressing this key, no other key was entered;
- exit from registration mode is allowed ( Table No. 2, Line 1, Field 7)

**+%** : Follows value of percent surcharge on the price of the last PLU entered. Or, follows subtotal key 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).

**-%** : Follows value of percent discount on the price of the PLU entered. Or, follows subtotal key 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).

## Information Keys

Information keys are used for entering:

- Prices for PLU or PLU Type; Regard decimal
- Code of PLU or PLU Type, ignore decimal point
- Department, Item Group, or TAX Group number if not programmed
- Quantity of PLU. Regard decimal point.

**NOTE:** 1. If there is an overflow in some registers, the ECR must be reported and cleared before the continuing operation.

2. If the product from multiplying the price for an PLU to the quantity is more than 999999 999, the display will show an error. In this case press key

**C** .

### 3. Registration Mode in Sales Application

#### One Cashier at exit ( Multiple Departments)

1. Press the keys:  ,  ,  . Table 2, Field 2 must contain 0.
  2. Enter password.
  3. The ECR enters Registration mode and prints an advertising stamp.
- The display will show 0, i.e. the ECR is ready for registration.

#### One Cashier serving one stand

1. Press the keys:  ,  ,  . Table 2, Field 2 must contain 0.
2. Enter password.
3. The ECR enters Registration mode and prints an advertising stamp.
4. The display will show 0, i.e. the ECR is ready for registration. ECR Number is accepted as a department number.

#### One cashier serving more than one stand

1. Press the keys:  ,  ,  . Table 2, Field 2 must contain 1.
  2. Enter password.
  3. The ECR enters Registration mode and prints an advertising stamp.
- The display will show 0.
4. Enter Stand Number by pressing any of the keys  -  for department number.
  5. Enter PLUs, which are on sale at this department. The programmed values in Table 1 Field 5 related to article belonging to a certain department are ignored.
  6. Enter another stand Number

#### Sales Receipt Format

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

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.

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.

If on the right side of the line, where surcharge or discount is printed there is a symbol \*, this means that the TAX for this line is as follows:

- TAX for the item from the preceding line, if the surcharge or discount is applied only for one item;



· Or, TAX for all the items in the receipt if the surcharge or discount is applied for all items ( after pressing key **STL** )

### **Printing Duplicate Sales Receipts**

With a due programming there is an option to print duplicate sales receipts (up to 3 copies). For this:

1. Program number of duplicate receipts in Table 5, Field 7
2. At the end of receipt, press **Total** folowed by **<>** in order to print the first copy.
3. The printer stops between copies for each receipt to be teared. Press any key to continue.

### **Void Operations**

There are two types of void operation.

1. Pressing **VD  
MC** only results in clearing the previously registered item.
2. Pressing the **VD  
MC** before inputting an item which was previously sold result in clearing that particular item.

Voiding a surcharge or discount operation over the subtotal of the receipt is disabled. Such an operation has to be the last one in the receipt and could be considered a part of the payment.

### **Storno Operations**

This kind of operation is allowed in Registration mode only (in restaurant mode is disabled).

Pressing **VD  
MC** in the begining of the receipt makes this receipt a receipt containing only storno operations.

Storno operations are allowed only if the quantity of the PLU after the operation would still be positive.

### **Rounding the sum of the receipt**

Rounding takes place when the sum due of a receipt is printed.

The unrounded digits are stored into the registers of PLU's, of departments, of sales groups and of VAT groups. The rounded digits are stored into the registers of payments - cash, check and so on. The **STL** key shows alternatively the unrounded and rounded digit of the sum due of the receipt. So the way to see the unrounded digit is by pressing twice **STL** key. However, the surcharges and discounts over the subtotal of a receipt could be only made of the unrounded sum.

**Registration examples**

1. For registering item with a PLU Number 12:

**1** , **2** , **PLU**  
**-M**

2. For registering of an item with a price of US\$ 15 and a PLU Type 1:

**1** **5** **.** **G1**  
**÷**

3. For registering of an item with a price of US\$ 15 and a PLU Type 10:

**1** **5** **.** **PRC** **1** **0** **PLU**  
**MR** **-M**

4. For registering 2 pcs from an item with PLU Number 20:

**2** **.** **Q'ty** **2** **0** **PLU**  
**-M**

5. For registering 1.125kg from an item with PLU Number 21:

**1** **.** **1** **2** **5** **Q'ty** **2** **1** **PLU**  
**-M**

**Examples of Receipts outlook**

DATECS LTD  
SOFIJA 1113  
TEL. 73-15-00

2 x 1.00  
BREAD 2.00 B  
1.125 x 2.50  
SALAMI 2.81 A  
LT 4.81  
A= 0.00% 2.81  
B=22.00% 1.64  
0.36

0013 1 K. SVIDRAS  
2000 01 04 17:54  
PUM K.123456789012  
ZF IC 00000001  
0022

DATECS LTD  
SOFIJA 1113  
TEL. 73-15-00

2 x 1.00  
BREAD 2.00 B  
1.125 x 2.50  
SALAMI 2.81 A  
LT 4.81  
A= 0.00% 2.81  
B=22.00% 1.64  
0.36

0013 1 K. SVIDRAS  
2000 01 04 17:54  
PUM K.123456789012  
ZF IC 00000001  
0022

DATECS LTD  
SOFIJA 1113  
TEL. 73-15-00

COCA COLA  
200ML 0.75 A  
BEER "ASTIKA"  
5.00 A  
LT 5.75  
A= 0.00% 5.75

0014 1 K. SVIDRAS  
2000 01 04 17:55  
PUM K.123456789012  
ZF IC 00000001  
0023

DATECS LTD  
SOFIJA 1113  
TEL. 73-15-00

COCA COLA  
200ML 0.75 A  
BEER "ASTIKA"  
5.00 A  
LT 5.75  
A= 0.00% 5.75

0014 1 K. SVIDRAS  
2000 01 04 17:55  
PUM K.123456789012  
ZF IC 00000001  
0023

## 4. Registration in Restaurant Mode

### Mode Selection

1. Press the keys:  ,  ,  . Table 2, Field 2 must contain 2.
2. Enter operators password.
3. Exit from Registration Mode can be performed by pressing key  . This function is controlled by the flag in Table No. 2, Field No. 7.
  - If the flag is 0 (exit from registration mode is performed automatically), after printing the last receipt the ECR automatically exits the Registration Mode and waits for a password to be entered. For opening a new bill the waiter must once again enter the password.
  - If the flag is 1 (exit is allowed), after printing the receipt the ECR will remain in Registration Mode.

### Operations preceding the opening of a Bill

Before opening of a Bill the following operations can be performed:

(Received Amount) - Enter the amount received in the cash drawer, then press this key. This completes the transaction.

(Paid Out) - Press this key after entering the amount paid out from the drawer. Exit Registration Mode.

Receiving cash and paying cash from the drawer is performed by entering the amount, followed by pressing the keys   or   , but only in the beginning of the receipt.

### Opening of a Bill

For every customer it is possible to open an individual bill, in which all customer orders will be registered individually. The quantity of the bills opened simultaneously cannot exceed 200.

### For opening of a bill:

1. With the help of the numeric keys enter the number of the table No in the restaurant and customer's number (not obligatory). Then press key **PLC** .  
If only the table number is entered:

- enter the corresponding number (from 0 to 199)
- press key **PLC**

For example, table number 5: **5** **PLC**

If the number of the customer is also entered:

- enter the corresponding table number (0 to 199);
- press key **.** ;
- enter customer number ( from 1 to 9);
- press key **PLC** .

For example Table number 12, seat number 3:

**1** **2** **.** **3** **PLC**

2. Display will show Table Number, Customer Number and Order Number. When opening a bill for another customer order number will start with 0.

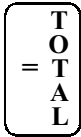


3. Register customer's orders.

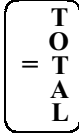
4. Number of orders for one customer is increased automatically. The maximum number for the orders of one customer is 16, then starts again from 0.

5. In Customer receipt along with the amount of his new order, the ECR will print the total amount due, including the last order.


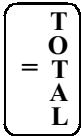






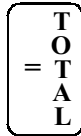
## Closing of a Bill,

For closing of a bill:

Enter the operator password, , press table/seat number, , 


then .

For example: Operator 1, 12-th table, customer No. 3

press , , , , , , , , 

The unclosed bills (if any) are reported when trying to clear the ECR in Z,1 or Z,2 mode followed by a message on the display "C-0". It is possible (by pressing the "C" key) to leave the Z-mode and close the bills in "register" mode issuing the corresponding "Grand Total" for each unclosed bill. However, it is possible (by pressing the "0" key) to close the bills directly in Z-mode and to continue with clearing of the ECR. In this case the "Grand Total" will not be issued, but the sales will be properly stored into the registers of VAT groups.

## Quick orders

For fulfilling quick orders there is no need to enter table number and customer number. The only thing you have to do is press  after entering the order.

Such order is closed immediately after registration. In this way the waiter can fulfil quick orders for one or two items like coffee or cigarettes without opening or closing a separate bill.

## Printing of duplicate copies and internal receipts

1. Based on customer's receipt it is possible to print duplicates and internal copies from the receipt. The internal receipt contains this part of the order, which is separated from the order based on the place where the item is received (dish or beverage).

2. Duplicates and internal receipts are printed after entering of the order. Printing is interrupted at the place of tearing the receipt. Pressing any key will invoke further printing.

3. The quantity of duplicates and internal receipts is defined during ECR programming (Table No. 5, Field 7 and 8).

Examples of receipts in Restaurant Mode

DATECS LTD  
SOFIJA 1113  
TEL. 73-15-00

DATECS LTD  
SOFIJA 1113  
TEL. 73-15-00

UZSAK. 1  
BREAD 1.00 B  
SALAMI 2.50 A  
COCA COLA  
200ML 0.75 A  
VODKA ABSOLUT  
50ML 2.75 A  
LT 7.00  
A= 0.00% 6.00  
B=22.00% 0.82  
0.18

UZSAK. 1  
BREAD 1.00 B  
SALAMI 2.50 A  
COCA COLA  
200ML 0.75 A  
VODKA ABSOLUT  
50ML 2.75 A  
LT 7.00  
A= 0.00% 6.00  
B=22.00% 0.82  
0.18

VIETA 12-3 #01-001  
0015 1 K. SUIDRAS  
2000 01 04 17:58  
PVM K.123456789012  
LF IC 00000001  
0025

VIETA 12-3 #01-001  
0015 1 K. SUIDRAS  
2000 01 04 17:58  
PVM K.123456789012  
LF IC 00000001  
0025

DATECS LTD  
SOFIJA 1113  
TEL. 73-15-00

DATECS LTD  
SOFIJA 1113  
TEL. 73-15-00

UZSAK. 2  
BEER "ASTIKA"  
5.00 A  
ROSTBEEF 1.00 A  
JACK DANIELS  
50ML 24.00 A  
LT 30.00  
IS VISO 37.00  
A= 0.00% 30.00

UZSAK. 2  
BEER "ASTIKA"  
5.00 A  
ROSTBEEF 1.00 A  
JACK DANIELS  
50ML 24.00 A  
LT 30.00  
IS VISO 37.00  
A= 0.00% 30.00

VIETA 12-3 #01-001  
0016 1 K. SUIDRAS  
2000 01 04 17:58  
PVM K.123456789012  
LF IC 00000001  
0026

VIETA 12-3 #01-001  
0016 1 K. SUIDRAS  
2000 01 04 17:58  
PVM K.123456789012  
LF IC 00000001  
0026

DATECS LTD  
SOFIJA 1113  
TEL. 73-15-00

DATECS LTD  
SOFIJA 1113  
TEL. 73-15-00

UZSAK. 3  
LT 0.00  
IS VISO  
37.00  
GRYNAIS 40.00  
GRAZA 3.00

UZSAK. 3  
LT 0.00  
IS VISO  
37.00  
GRYNAIS 40.00  
GRAZA 3.00

VIETA 12-3 #01-001  
0017 1 K. SUIDRAS  
2000 01 04 17:59  
PVM K.123456789012  
NEFISKALINIS  
0027

VIETA 12-3 #01-001  
0017 1 K. SUIDRAS  
2000 01 04 17:59  
PVM K.123456789012  
NEFISKALINIS  
0027

## VII. ECR Reporting Mode (X1,X2,X3)

To enter these modes press the keys: **C**, **↑**, **2**, **3**, **0**,

**TOTAL**

. Then, for entering **X1 mode** press numeric key **1**. The display will show:

**0 1-6**

There are 14 different reports:

**1** : **PLU Report**

ECR will print:

- PLU Code
- Turnover
- Tax Group
- Name
- Quantity sold

This report only lists PLUs, whose Quantity sold is not equal to zero. Quantity sold is not generated for PLU Types.

- At the end, the report totals all turnover.

**2** : **Department Report**

The ECR prints:

- Department number
- Turnover of each Department (with non-zero total)
- At the end the report totals the turnover of each

Department.

**3** : **Item Group Report**

This Report contains:

- PLU
- Turnover
- At the end the report totals the turnover of each Item

Group.

**4** : **TAX Group Report**

Each letter corresponding to an active Tax Group Turnover for the TAX Group.

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.

**5** : **Operator Report**

For each operator the ECR prints:

- Name and number of each operator
- Number of clients served
- Turnover of PLUs 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 petty cash withdrawn (2)
- Sum of 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 documents all values entered by all operators. It also includes:

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

**PRC MR** , **TOTAL** : **Non-Zero Price Report**

For PLUs with programmed price the report contains:

- Number
- Code
- Name
- Price



**Q'ty** , **TOTAL** : **Non-Zero Inventory Quantity Report**

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

- Number
- Code
- Name
- Inventory Quantity for PLUs

**PLU-M** , **TOTAL** : **PLU Parameters Report (From Table No. 1)**

The report contains:

- Number
- Code
- Name
- Inventory Quantity
- Price
- Number of Department, Item Group, TAX Group
- Flags programmed for the PLUs.
- Barcode

At the end of each report the VAT Number and Serial Number of the machine are printed.

- STL**      **Hours Report**
- G1**      **Turnover and VAT report (for period one)**
- G2**      **Turnover and VAT report (for period two)**
- G3**      **Turnover and VAT report . Not Cleared report.**
- CRD**      **Report for unclosed bills in restaurant mode**

## X2, X3 Mode ( Reading from the fiscal memory)

**X2 mode** is used for reading from the fiscal memory daily reports for periods by number or by date. To enter these modes press the keys: **C** , **↑**

, **2** , **3** , **0** , **TOTAL** .

Then (for entering X2 mode) press numeric key **2** .

The display will show the number of the last daily report ( for example 12 - 12 ).  
Then if you like for example to printout from daily report No2 to daily report

No10 press  $\boxed{2}$  ,  $\boxed{G1 \div}$  ,  $\boxed{1}$  ,  $\boxed{0}$  ,  $\boxed{G2 \times}$  ,  $\boxed{= \begin{matrix} T \\ O \\ T \\ A \\ L \end{matrix}}$  .

But if you like to printout for example daily reports from 1 September 1999 to 1 November 1999 press

$\boxed{0}$  ,  $\boxed{1}$  ,  $\boxed{0}$  ,  $\boxed{9}$  ,  $\boxed{9}$  ,  $\boxed{9}$  ,  $\boxed{G1 \div}$  ,  $\boxed{0}$  ,  $\boxed{1}$  ,  $\boxed{1}$  ,  $\boxed{1}$  ,  $\boxed{9}$  ,  $\boxed{9}$  ,  $\boxed{= \begin{matrix} T \\ O \\ T \\ A \\ L \end{matrix}}$  .

**X3 mode** is used for printout table No4 from the fiscal memory (Tax

Groups). To enter these modes press the keys:  $\boxed{C}$  ,  $\boxed{\uparrow}$  ,  $\boxed{2}$  ,  $\boxed{3}$  ,  $\boxed{0}$  ,  $\boxed{= \begin{matrix} T \\ O \\ T \\ A \\ L \end{matrix}}$  .

Then (for entering X3 mode) press numeric key  $\boxed{3}$  .

**NOTE:** Any one from the first 6 reports can be selected separately by pressing any from the  $\boxed{1}$  -  $\boxed{6}$  keys.

For printing all reports (from 1 to 6) press key  $\boxed{0}$  . Specific reports are selected by the keys  $\boxed{PRC \ MR}$  ,  $\boxed{Q'ty}$  ,  $\boxed{PLU \ -M}$  ,  $\boxed{CRD \ +M}$  ,  $\boxed{STL}$  ,  $\boxed{G1 \div}$  ,  $\boxed{G2 \times}$  ,  $\boxed{G3 \ -}$  , respectively.

When any of these three keys is entered the display will show the first and the last PLU number, included in the report. The default setting depends on Table 5, Field 1.

With the help of the numeric keys and the keys for direct access  $\boxed{G1 \div}$  and  $\boxed{G2 \times}$  you can define the beginning and end number of the PLU for reporting.

You can use  $\boxed{-\%}$  ,  $\boxed{+\%}$  ,  $\boxed{VD \ MC}$  ,  $\boxed{PRC \ MR}$  keys as well.

Printing of reports starts after pressing key  $\boxed{Total}$  . Printing is terminated by pressing any key.

By pressing key  $\boxed{G4 \ +}$  you can return to report selection.

## VIII. REPORT/CLEAR MODE (Z1, Z2, Z3)

### 1. Report/Clear Mode (Z,1)

To select this mode press  ,  ,  ,  ,  ,  ,  .

The display shows:

-

2. For Total Report press key  .

3. For a short Report (Report 4, 5, 6) press key  . After report is finished the display will show:

-

4. Press  to reject Clear option. The ECR prints:

**NOT CLEARED**

5. To confirm Clear option press key  .

After the Daily Report is saved in the Turnover and VAT Reports for 3 periods (G1,G2,G3), the ECR is Cleared and the following message is printed:

**ECR CLEARED**

### Clearing quantities

When field 7 of table 2 contains 1, the quantities of the sold PLU's are not cleared during Z,1-mode. This allows for determining the quantities of sold PLU's for a period - week, month and so on. ECR reports the quantities(only for PLU's) since the last Z,1 report/clearing and the X,1,  reports the quantities since the last clearing of the quantities. The clearing of quantities is made in Z,1,  after confirmation.

## 2. Operator Clear (Z2)

1. This activity clears an operator's account without clearing the ECR.

When 8 operators have used Register mode, no additional operators may enter Registration Mode until one or more operators have been cleared to make space.

An Operator Clear is not necessary if the ECR has been Cleared, because all operators are automatically cleared during REPORT/CLEAR Operation. In This case, The ECR will print:

[ ALL CLEARED ]

2. To select this mode press  ,  ,  ,  ,  ,  ,  .

If you press  , ECR will printout "Journal Receipt" which includes all operators duties. To clear this Journal press  or  to reject clearing.

If you press  , ECR will ask which operator duties you want to clear (from 1-30). . The display will show:

1 - 30

3. Use Numeric keys to select an operator to be cleared. For example if

you want to clear Operator No1 duties press  ,  .

4. The ECR prints a report of the selected operator. Display will show:

C - 0

5. Press  to reject the Clear option. The ECR prints:

[ OPERATOR NOT CLEARED ]

6. Or, press  to confirm the clear option. The ECR prints:

[ OPERATOR CLEARED ]

Display shows:

1 - 30

## 4. Quick Edit PLU Prices (Z 3)

1. This mode is used to change individual prices or increase quantities when new stock is received.

**NOTE:** = (error) indicates that changes cannot be made in the field. If PLU was already purchased at the old price, you must perform a Z,1 (ECR Report/Clear) before changing the price.

2. To select this mode press **C**, **↑**, **3**, **3**, **0**, **TOTAL**, **3**.

Now you have to choose on which PLU you will change price (you can cross through them pressing **%-** or **%+**).

For example PLU No5. Press **PLC**, **5**, **PLC**, **PRC MR** (display shows the current price), input new price then press **PRC MR** for confirmation.

3. Ignoring the decimal point, access PLU line with either combination:

- PLU Number (1 -2400), then key **PLC** ;
- or, PLU Code (1-9999) then **PLU -M**.

4. View and edit current information:

**PLC** : Displays PLU Number (Same as Line #: 1-1000)

**PLU -M** : Displays PLU Code ( 1 - 9999)

**PRC MR** : Displays Price;

**%-** **%+** : Access different PLU numbers

5. To edit Price, enter new value and press **PRC MR**.

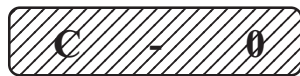
For example PLU No5. Press **PLC**, **5**, **PLC**, **PRC MR** (display shows the current price), input new price then press **PRC MR** for confirmation.

### 3. Report/Clear Turnover and VAT for periods (Z,G1 and Z,G2)

To select this mode press the keys: **C**, **↑**, **3**, **3**, **0**, **TOTAL**,

then press keys **G1** or **G2**.

After the Report is finished the display will show:



Press **C** to reject or **0** to confirm clearing.

The Turnover and VAT report for period **G3** cannot be cleared.

## Example of Report/Clear operation (Z,1 and Z,2)

DATECS LTD  
SOFIJA 1113  
TEL. 73-15-00

DIENOS  
ATASKAITAATASKAITA  
MOKESCIU GRUPIU

	PUM3	
APYU A	8.56	
	8.56	
APYU B	3.00	
	2.46	
APYVARTA	11.56	
A= 0.00%	0.00	
B=22.00%	0.54	
PUM	0.54	

ATASKAITA  
KASOS

PIRKEJAI	3
PREKES	11.56
IS VISO	11.56
GRYNAIS	11.56
IS VISO	11.56
=	11.56
GRYNU STALC.	
	11.56
KUITU SK.	3
PASK. KUITAS	14

ID N IC 00000001  
PUM K.123456789012

BENDROJI SUMA 49.56  
KASA NULINTA  
F.ATASK.0002 PUM3  
2000 01 04 17:57  
ZF IC 00000001  
0024

DATECS LTD  
SOFIJA 1113  
TEL. 73-15-00

K. SVIDRAS #01  
PIRKEJAI 3  
PREKES 37.00  
IS VISO 37.00  
GRYNAIS 37.00  
IS VISO 37.00  
= 37.00  
GRYNU STALC. 37.00

ID N IC 00000001  
PUM K.123456789012  
NULINTAS  
2000 01 04 18:01  
TARNYBINIS KUITAS  
0028

DATECS LTD  
SOFIJA 1113  
TEL. 73-15-00

DIENOS  
ATASKAITAATASKAITA  
MOKESCIU GRUPIU

	PUM3	
APYU A	8.56	
	8.56	
APYU B	3.00	
	2.46	
APYVARTA	11.56	
A= 0.00%	0.00	
B=22.00%	0.54	
PUM	0.54	

ATASKAITA  
KASOS

PIRKEJAI	3
PREKES	11.56
IS VISO	11.56
GRYNAIS	11.56
IS VISO	11.56
=	11.56
GRYNU STALC.	
	11.56
KUITU SK.	3
PASK. KUITAS	14

ID N IC 00000001  
PUM K.123456789012

BENDROJI SUMA 49.56  
KASA NULINTA  
F.ATASK.0002 PUM3  
2000 01 04 17:57  
ZF IC 00000001  
0024

DATECS LTD  
SOFIJA 1113  
TEL. 73-15-00

K. SVIDRAS #01  
PIRKEJAI 3  
PREKES 37.00  
IS VISO 37.00  
GRYNAIS 37.00  
IS VISO 37.00  
= 37.00  
GRYNU STALC. 37.00

ID N IC 00000001  
PUM K.123456789012  
NULINTAS  
2000 01 04 18:01  
TARNYBINIS KUITAS  
0028

DATECS LTD  
SOFIJA 1113  
TEL. 73-15-00  
FISKALINIS  
REZIMAS

2000 01 04 17:40  
ID N 2000 01 04  
IC 00000001  
NUO ATASK.N0000  
PUM K. 2000 01 04  
SUYJMPADGCSU  
NUO ATASK.N0002  
PUM K. 2000 01 04  
123456789012

NUO ATASK.N0000  
PUM1 2000 01 04  
KAINA 0.00  
A= 0.00%  
B= 0.00%  
NUO ATASK.N0000  
PUM2 2000 01 04  
KAINA 0.00  
A= 0.00%  
B= 0.00%  
NUO ATASK.N0000  
PUM3 2000 01 04  
KAINA 0.00  
A= 0.00%  
B=22.00%

2000 01 04 18:01  
ZF IC 00000001  
0029

DATECS LTD  
SOFIJA 1113  
TEL. 73-15-00  
FISKALINIS  
REZIMAS

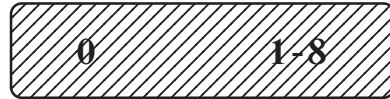
2000 01 04 17:40  
ID N 2000 01 04  
IC 00000001  
NUO ATASK.N0000  
PUM K. 2000 01 04  
SUYJMPADGCSU  
NUO ATASK.N0002  
PUM K. 2000 01 04  
123456789012

NUO ATASK.N0000  
PUM1 2000 01 04  
KAINA 0.00  
A= 0.00%  
B= 0.00%  
NUO ATASK.N0000  
PUM2 2000 01 04  
KAINA 0.00  
A= 0.00%  
B= 0.00%  
NUO ATASK.N0000  
PUM3 2000 01 04  
KAINA 0.00  
A= 0.00%  
B=22.00%

2000 01 04 18:01  
ZF IC 00000001  
0029

## APPENDIX 1

To enter TEST Mode press the keys **ON** and **8** . The display will show:



To select any of 8 available tests press the corresponding numeric key. By pressing **0** the ECR will automatically perform Test 1 to Test4.

### TESTS:

- 1** - Printer test
- 2** - Display test
- 3** - Memory test
- 4** - Keyboard and Control Lock Test
- 7** - Clock/Calendar Test

The test continues for 1 minute.

By pressing key **Total** while in this mode the ECR will print the Program version, its date and the Check Sum. Tests 5, 6, and 8 are reserved for future functions.