



ECR 7790

Cash Register

USER'S GUIDE



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Your attention is drawn to the following actions that could compromise the characteristics of the product:

- incorrect electrical supply;
 - incorrect installation; incorrect or improper use, or, in any case, not in accordance with the warnings given in the User Manual supplied with the product;
 - replacement of original components or accessories with others of a type not approved by the manufacturer, or carried out by unauthorized personnel.
-

SAFETY INFORMATION

1. POWER SUPPLY: refer to the voltage rating plate on the Cash Register.
2. DO NOT place metallic objects or containers with liquid on top or near the Cash Register. This situation presents a danger of fire or electrical shock.
3. DO NOT perform cleaning operating or installation without remove the power plug from the outlet.
4. DO NOT place the Cash Register on uneven or unstable surfaces.

WARNING INFORMATION

5. DO NOT expose the Cash Register to strong magnetic or electrical fields.
6. DO NOT expose the Cash Register to bright sunlight
7. DO NOT use the Cash Register in dirty or dusty environments. Keep the environment clean and dry.
8. DO NOT insert anything in the Cash Register that may cause a short-circuit or damage the electrical circuits.
9. DO NOT use the Cash Register when eating so to avoid dirtying it.
10. OPERATING ENVIRONMENT: Temperature 5 to 35 °C. Relative Humidity: 10 to 85%
11. DO NOT disassemble the Cash Register. All repairs must be carried out by a certified field engineer, otherwise any damage that you may cause will not covered by the manufacturer warranty.

SAFETY INFORMATION



1. Connect the power cord to an electrical outlet that is near the product and easily accessible.
2. Install your cash register on a flat and stable surface, at a location where no one can step on or trip over the power cord.
3. Do not use your cash register near water, or with wet hands.
4. Do not expose your cash register to rain or moisture.
5. Unplug your cash register from the electrical outlet before cleaning.

HOW DO I PROCEED?

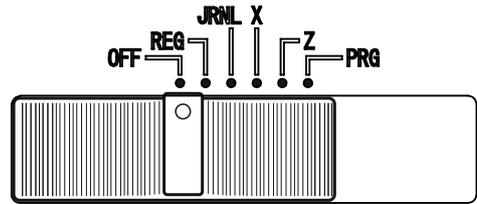


1. Plug the cash register into an electrical outlet and insert the batteries.
2. Load the paper.
3. Proceed with Quick Start Programming.
4. Perform basic sales transactions.
5. Get to know your cash register in depth.

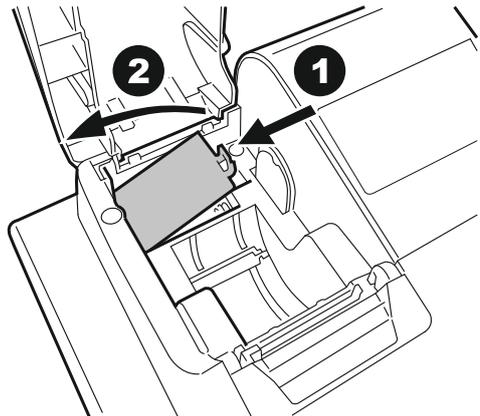
INSERTING MEMORY BACKUP BATTERIES



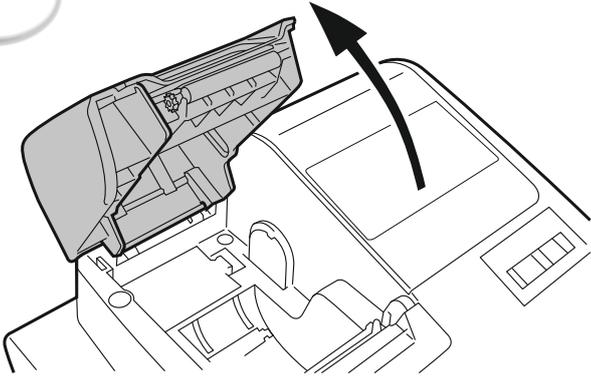
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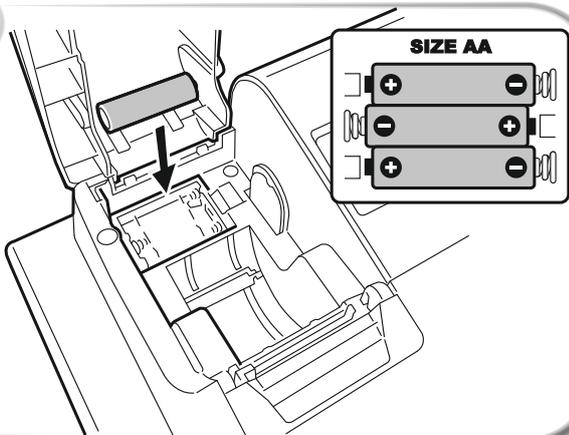
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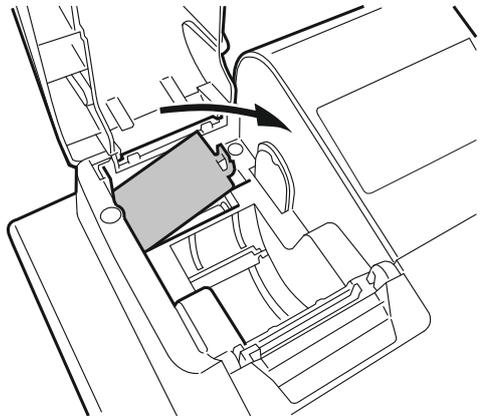
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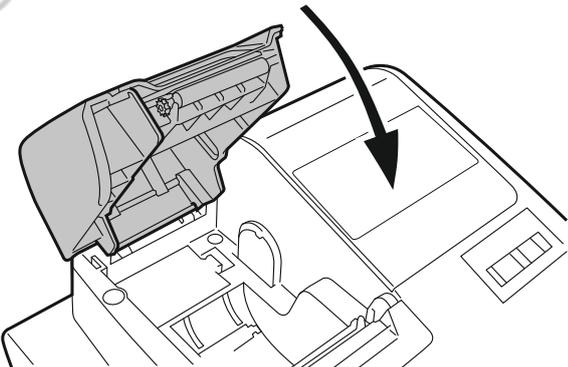
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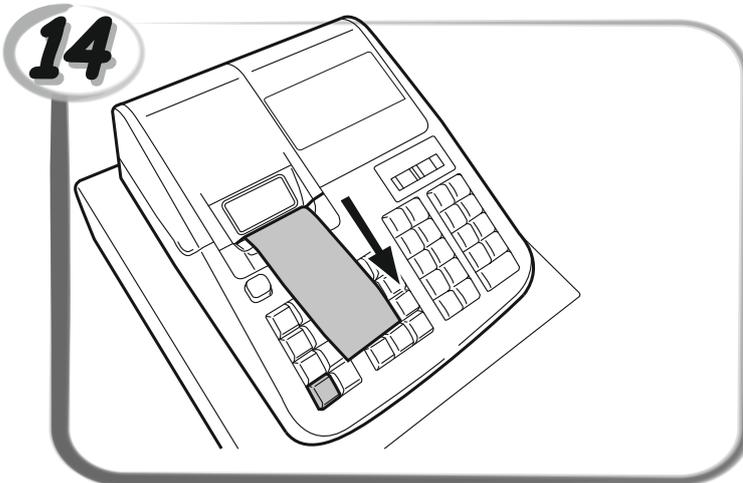
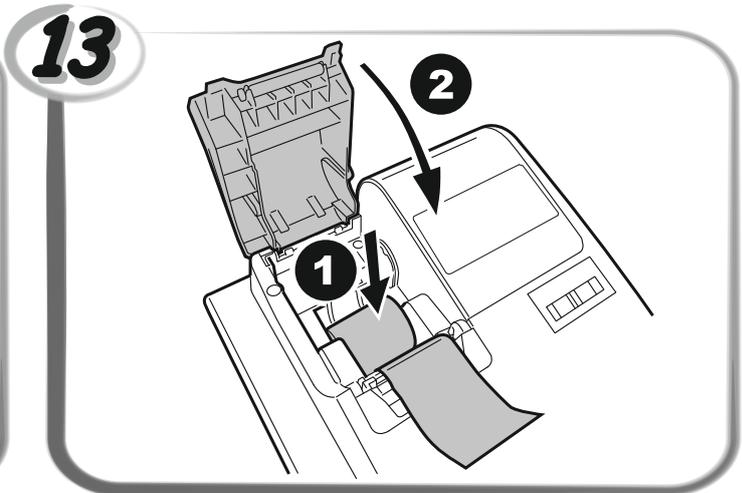
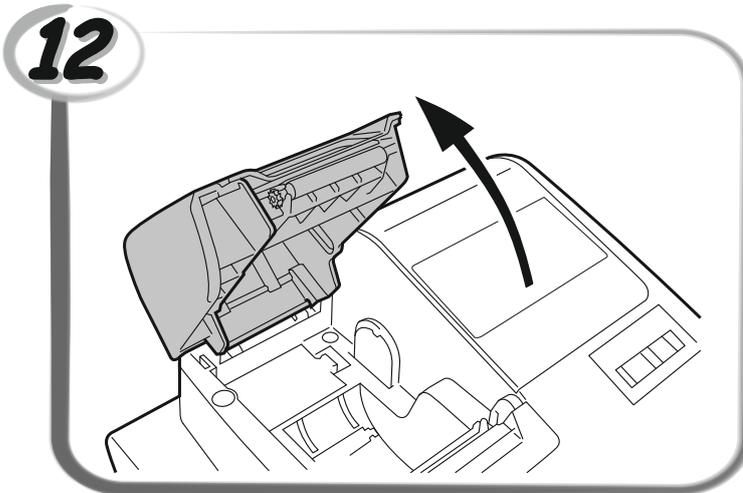
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LOADING PAPER



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Major Features

- 40 departments and up to 999 Price Look-Up (PLU) settings;
- 8 clerk numbers to monitor the sales of individual employees;
- 9-digit operator numeric Liquid Crystal Display (LCD);
- Quantity entries using the decimal point;
- Training mode facility with related password;
- Replaceable keycaps;
- Receipt on/off, and duplicate receipt features;
- Possibility of activating a Clerk Security System consisting of a three-digit security code;
- Z management report mode password definition;
- Special rounding capabilities for Swiss, Danish and Swedish currencies;
- Department programming (positive and negative sales)
- 2 foreign currency exchange rates;
- Cash, check, charge and card tender media keys, with change tendered on all payments;
- 4 different VAT rates;
- Possibility of programming the cash register to print a range of VAT totals on the sales receipt;
- Time display at the press of a key;
- Battery back-up protection for the records and programming data.

Cash Register Components

With reference to **figure 2**:

1. Operator Display
2. Keypad
3. Cash Drawer
4. Cash Drawer Lock
5. Power Cord
6. Customer Receipt Output Window
7. Printer Compartment Cover
8. Control Switch

The Control Switch

This switch must be properly positioned to operate the cash register, to set the programs and to print or reset the totals for the management report. With reference to **figure 3**:

1. Turn the control to the required position as indicated below.

OFF The cash register is turned off and cannot be used.

REG (On/Customer Receipt) - The cash register is set for standard sales transactions. A customer receipt is printed for each transaction.

JRNL (On/Journal Tape) - The cash register is set for standard sales transactions. Journal Registration mode. Paper is used as Journal. The key-activated Receipt On/Off function does not work in this mode (transaction always printed).

X Prints the X management report (for statistical sales control).

Z Prints the Z management (end-of-day) report and resets totals (except the grand total) to zero.

PRG Used to set and change program settings.

Removable Cash Drawer with Lock

With reference to **figure 4**, the cash drawer has slots for banknotes and for coins.

Open the drawer by pressing  in the REG or JRNL position or by sliding the hidden emergency button underneath the register. The cash drawer can be completely removed from the register by lifting up on the open drawer and pulling towards yourself.

Keypad Functions

With reference to **figure 5**:

-  - Advances the receipt or journal paper one line feed; advances the paper continuously when held down.
-  - **[Void]** Deletes the last item entered, and used for correcting a particular entry after it is processed and printed. During caption programming, cancels from right to left the characters that have been entered.
[DEL] Deleting character code entry like back-space of PC.
-  - When used as the coupon key, subtracts an amount from an item or the sales total, such as a coupon deduction. When used as the Refund key, subtracts an item that is returned for refund.
-  - Used to manually enter a price for a PLU article.
-  - Used to subtract a percentage rate from an individual item or an entire sale. The rate can be a pre-programmed percentage rate or any other manually entered percentage rate.
-  - Registers a preset price of an individual item to the appropriate department.
-  - Clears an entry made from the numeric keypad or with  before finalizing a transaction with a Department or function key. Also used to clear error conditions.
-  **[qty]** Multiplies   (Department),  or  entries **[time]** displays the current time in the REG and JRNL modes.
[DW] Double width character selected.
Double width need to inputting forward to the character.
-  -  /  - Input amounts, indicate how many times a particular item repeats, add and subtract percentage rates and input department code numbers.
 - **[.]** Enters a decimal point for defining quantities with decimals during sales transactions.
[ENT] Programmed to the caption by entered character.
 - **[SP]** Space code entry using.
-  - Toggles the cash register between printing and not printing the sales receipt.
-  - Prints one or more copies of the last sales translation recorded (overrides the Receipt Off mode set with the related key).

12.  - Allows price entries for Departments 8-40.
Press this key before entering applicable department keys.
- For Departments 8-14**
- Example: Select department 8*
1. Insert price.
 2. Press .
 3. Press the related Department key .
- For departments 15-40**
- Example: Select department 15*
1. Insert price.
 2. Press .
 3. Press the related department keys  and .
 4. Press .
13. 14. 15. 16. 17. 18. 19.
-  -  - Departments 1 through 7, to enter single or multiple item sales to a particular department. Department keys 1/8, 2/9, 5/12 and 6/13 also used in the calculator mode. When pressed after , registers to Departments 8 through 14.
20.  - Registers any money taken out of the cash drawer that is not part of a sale. It carries its own total on the financial report.
21.  - Assigns a Clerk
Confirms an entered clerk number and three-digit security code.
22.  - This key is used as a non-add key and prints up to a 7-digits numeric entry on the receipt. Opens the cash drawer without registering any amount or when changing cash for a non-sales transaction.
23.  - When used as the RA key, registers any money received on account that is not part of a sale; for example, the start-up money put in the drawer at the start of each business day can be registered as an RA. As the Currency Conversion key, it is used to automatically calculate and display the value in foreign currency of the subtotal of a sale or of a particular amount registered.
24.  - Registers sales paid by check and confirms last item inserted.
25.  - Registers sales that are put on credit, such as a debit card, or on a credit card that is alternative to the one used for Charge tenders.
26.  - Registers sales that are charged.
27.  - Subtotals a sale, and used for the programming of VAT rates.
28.  - Totals exact cash transactions, computes change and totals transactions that are split tendered with check or credit card and cash together. This key is also used to enter into the calculator mode. In the calculator mode, it is used as the "equal" (=) key.
29.  Paper cover button.

Operator Display

Your cash register is equipped with a 9-digit numeric Liquid Crystal Display (LCD). With reference to **figure 15**, the display is read from left to right as follows:

- C1...C8** (5) - With the Clerk System active, indicates the clerk number entered before working in the REG or JRNL mode, or when  is pressed.
- Department** (5) - A set of digits indicating the department key pressed for each entry.
- Repeat/Multiply** - A number displayed when repeating or multiplying items to indicate the number of items entered at one price.
- Amount** (6) - Indicates entry amounts and sales totals.

Special Symbol Indicators

Special symbols appear at the far left-hand side of the display during cash register operation:

- C (Change) (5) Indicates that the displayed amount is the change due to the customer.
- E (Error) (5) Indicates when an error is made during operation or when programming the cash register. An error tone sounds to alert the operator.
- ST (Sub-total) (1) Indicates that the amount shown is the subtotal of a transaction, including sales tax if applicable.
- = (Total) (1) Indicates that the amount shown is the transaction total.
- (Minus) Displays a negative entry. Also displays if subtotal or cash tendered total is a negative number due to a return or refund.
- . (decimal point) (7) Indicates quantity entries using the decimal point;
- _ (Linea) Indicates, from left-to-right on the bottom of the display, the calculator mode (2), receipt off mode (3), training mode (4) and an electronic journal (8) nearly full condition (less than 700 transaction lines available).
- Displayed when  is pressed to indicate that the amount is displayed in foreign currency.
- Ch (Check) (5) Indicates a sales transaction paid by check.
- Cr (Charge) (5) Indicates a sales transaction paid by credit card.

These symbols clear automatically when you start the next entry or press .

Error Conditions

Error Codes

The following error codes can be displayed:

E1	Operation error
E2	Sales amount exceeded
E3	Zero-price entry error
E4	Incorrect full-void entry
E5	Clerk number and password requested
E6	Manager password requested

Clearing an Error

Press  to clear an error. The tone ends, the displays clear and the keypad unlocks, allowing you to continue with the transaction or restart the program. If an error condition cannot be cleared by pressing , reset the cash register by performing one of the three cash register reset operations explained in the next section.

Cash Register Reset Operations

If the cash register does not function, for example while programming and the error signal cannot be stopped by pressing , reset the cash register. There are three reset operations; **be very careful when choosing the one to perform since you could unnecessarily cancel report data and cash register programming data.**

Partial Reset – D Reset

A Partial Reset operation just clears the cash register's working memory.

1. Set the Control Switch to **OFF**.
2. Press and hold down  and   .

If the cash register still remains in an error condition, proceed with the Full Reset - Reports operation.

Full Reset Reports – C Reset

A Full Reset - Reports operation erases the cash register's working memory, and all totals and counters (all report data).

1. Set the Control Switch to **OFF**.
2. Press and hold down  and   .

If the cash register still remains in an error condition, proceed with the Full Reset - All Data operation.

Full Reset W/O Language – B Reset

A Full Reset W/O Language operation erases the cash register's working memory, all totals and counters (all report data) and **cancels all cash register programming data without language.**

1. Set the Control Switch to **OFF**.
2. Press and hold down  and   .

If the cash register still remains in an error condition, proceed with the Full Reset - All Data operation.

Full Reset - All Data

A Full Reset - All Data operation erases the cash register's working memory, all totals and counters (all report data) and **cancels all cash register programming data. Be extremely careful when using this reset operation. Use this method as last resort only.**

1. Set the Control Switch to **OFF**.
2. Press and hold down  and   .
3. Reprogram the cash register.

Electronic Journal

The cash register is equipped with a dynamic Electronic Journal (EJ) memory that by default contains up to 3,000 lines of sales data. During transactions, the sales data are continuously recorded in this memory so that you are constantly kept up-to-date with the latest 3,000 lines of effective sales information.

You can, however, program the cash register for standard electronic journal operation. In this case you program the memory to hold a maximum of 3,000 sales data lines before being prompted to clear the memory. The electronic journal stores all the sales receipts recorded in the REG and JRNL mode, thus allowing you to print this record at any time or when memory reaches the nearly full or full condition.

To program the cash register for standard electronic journal operation:

1. Control key position: **PRG**.
2. Press   .

NOTE: You can also personalize other electronic journal features, by programming System Options 4, 5, 6 and 7. See "System Options" for details.

When the electronic journal reaches a nearly full condition, there are less than 700 lines remaining in journal memory. A warning beep will sound at the beginning and end of each transaction performed.

When the journal reaches a full condition, less than 300 lines are remaining in memory. A message is displayed indicating that the journal memory is full along with a warning beep at the beginning of a transaction; press  to continue with further transactions; remember, however, that the transaction data will NOT be stored in memory and the consecutive receipt counter will not increase. If you want to terminate the sales transaction, press . To know how many lines are remaining in the electronic journal, press    in the REG mode and outside of a sales transaction.

Printing and Clearing the Contents of the Electronic Journal

Make sure that plenty of paper is loaded in the printer.

1. Control key position: **Z**.

2. Press .

To interrupt report printing, press .

To resume printing, press  again.

To stop report printing, press .

When the contents of the electronic journal are printed, a message is displayed along with a beep to indicate that the EJ memory capacity has been restored to its maximum programmed line capacity.

NOTE: You can also print the contents of the electronic journal with the control key in the X position; doing so, however, will not clear the electronic memory.

Clearing Electronic Journal Memory Without Printing the Contents

The electronic journal memory contents are cleared and **not printed**:

1. Control key position: **Z**.

2. Press   .

3. Press  to clear the electronic journal memory.

or

 to exit the clearing of the electronic journal memory.

Quick Start

This section allows you to program basic cash register features so that you can start to work right away with your new product.

Programs and transaction information for management reports are stored in the memory of the cash register which is protected by back-up batteries.

Before beginning to program the cash register or to perform sales transactions, insert the batteries to save this information if a power failure occurs or if the cash register is unplugged from the electrical outlet.

Quick Start Programming

1. Set your Language

NOTE: After you set your language the cash register will automatically perform a reset and cancel all the programming and transaction data stored.

1. Control key position: **PRG.**

2. Press .

3. Press your language identifier: for Spanish, for French, for German, for Dutch, for Portuguese, for Danish, for Swedish or for English.

4. Press .

Example: Program the cash register to print in French.

Type/Press: .

Language identifier

1. Set the Date

1. Control switch: **PRG.**
2. Type the current date in the DDMMYY format.

3. Press .

Example: Set a date of October 30, 2017.

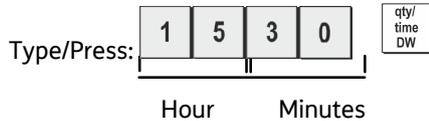
Type/Press:

Day Month Year

2. Set the Time

1. Control switch position: **PRG**.
2. Type the current time in the HH:MM, 24-hour format.
3. Press .

Example: Set the time at 3:30 PM.

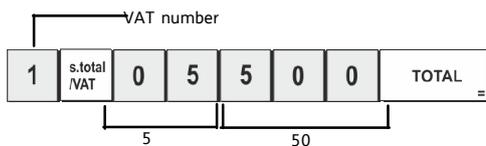


3. Set a Fixed VAT Rate

1. Control switch position: **PRG**.
2. Type the **[number]** that represents the VAT (1 for VAT1, 2 for VAT2, 3 for VAT3 and 4 for VAT4).
3. Press .
4. Type the VAT rate. Five digits can be used and you **MUST** enter three digits after the desired decimal place.
5. Press .

Example: Set a VAT1 rate of 5.50%.

Type/Press:



NOTE: Before changing a VAT rate, print a Z Financial report. See "X and Z Financial Report".

For another VAT-related feature, see "Printing VAT Information on Customer Receipts".

4. Link a multiple/single item sale, tax status and Item Price to a Department

A total of 40 departments are available on your cash register. Programming a department consists of assigning a multiple/single item positive or negative sale and a previously programmed tax status to it. You can then optionally assign a preset price to the department.

A 3-digit department status can be programmed by using the following options:

Multiple/Single Item Sales

- 0 = Multiple, positive item sales
- 1 = Single, positive item sales
- 2 = Multiple, negative item sales
- 3 = Single, negative item sales

Tax Status

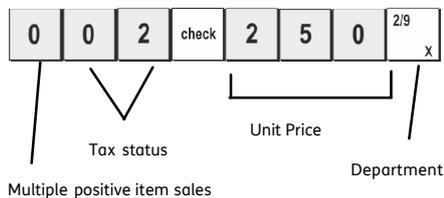
- 00 = Non taxable
- 01 = Taxable with VAT 1
- 02 = Taxable with VAT 2
- 03 = Taxable with VAT 3
- 04 = Taxable with VAT 4

1. Control switch position: **PRG**.
2. Type the **[Multiple/Single Item Sales]** and **[Tax Status]** options by referring to the previous table. A 3-digit status code must be entered.
3. Press .

4. Type a maximum 7-digit **[unit price]** to assign to a specific item and then assign it to a department by pressing the related  to  key. Use  for departments from 8 to 14. Use , the related numeric keys   and  and for departments from 14 to 40.

Example: Program a multiple positive item sale, VAT2 and a price of €2.50 to an item in Department 2.

Type/Press:



After you have programmed your departments, you can print a report that indicates the programmed values. See section "Department Programming Report" for details.

5. Program a Fixed Price Look-Up (PLU)

Up to 999 PLUs can be programmed. You can also define the number of items in stock for each individual PLU programmed. Every time an item is sold, the inventory number decrements automatically so as to keep track of the remaining number of items in stock.

1. Control switch position: **PRG**

2. Press , type the **[PLU number (between 1 and 999)]** and then press .

3. Type the **[number between 1 and 9999]** of PLU items in stock and then press .

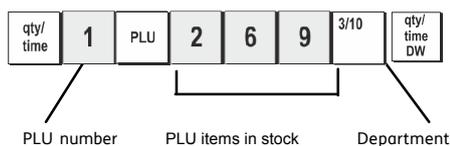
4. Type the **[unit price]** that you wish to assign to the PLU.

5. Press the related department key(s) to assign the PLU to a Department. If tax is required for a particular PLU item, be sure to link the PLU number related to the item to a department that is programmed for tax. To program a department for tax, refer to the section Link a Multiple/Single Item Sale, Tax Status and Item Price to a Department.

6. Press .

Example: Create PLU 1 with a unit price of €2.69 assigned to Department 1. Define a total of 200 items in stock.

Type/Press:



After you have programmed your PLU items, you can print a report that indicates the programmed values. See section "PLU Programming Report" for details.

Cash Register Programming and Features

Programs and transaction information for management reports are stored in the memory of the cash register which is protected by back-up batteries.

Before beginning to program the cash register or to perform sales transactions, insert the batteries to save this information if a power failure occurs or if you unplug the cash register from the power outlet.

Making Changes to Cash Register Programming

If you wish to make a change to your initial programming (such as an update to VAT rates, PLUs or exchange rates):

- Turn the control switch to the PRG position.
- Re-do the program in question and confirm as explained in the next sections
- Turn the control switch to another operating mode.

A new program entry will automatically overwrite a previous entry for the same program.

Percent discount and add on (\pm %)

Setting this option automatically calculates the preset rate each time the key is pressed. The percentage rate can be discounted or surcharged from an individual item or from a sales transaction total.

1. Control switch position: **PRG**.
2. Type the **[numbers]** representing the desired percentage rate. Up to four digits ranging from 0.00 to 99.99 can be used. ^(*).
3. Type the **[sign]** ^(**) of the exchange rate.
4. Press to store the rate

(*) rate: 0 - 9999 (0 - 99.99%) default: 0

(**) sign: 0 - 1

0 = plus (+)

1 = minus (-)

Example: Program a standard 5.50% add on rate sign = plus.

Type/Press:

0	5	5	0	0	%
Units		Decimals		Sign	

Example: Program a standard 20% discount rate sign = minus.

Type/Press:

2	0	0	0	1	%
Units		Decimals		Sign	

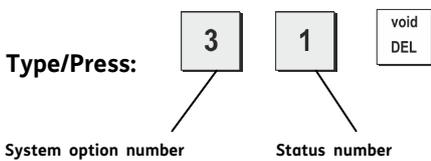
Decimal Point Position

- Control switch position: **PRG**.
- Type system option **3** followed by the status number **[0, 1, 2 or 3]** to select the desired format as indicated in the following table:

Status Number	Format
0:	x
1:	x.x:
2:	x.xx (default setting)
3	x.xxx

- Press **void DEL** to set the new format.

Example: Program the cash register so that one digits are left after the decimal point.



Printing VAT Information on Customer Receipts

You can program the cash register to print VAT information on the customer receipt according to your business' or country's requirements.

Programming the Cash Register to Print the Required VAT Information

With reference to the section "System Options", by setting machine conditions number **36** to **41** you program the cash register to print the VAT information that you need.

Programming Machine conditions number	Status Number 0 = Print Status Number 1 = Do not print
36	TAX amount split per rate
37	Total TAX amount
38	Taxable amount split per rate
39	Total taxable amount
40	Taxable amount out of TAX split per rate
41	Total taxable amount out of TAX

- Control switch position: **PRG**.
- Type the **[machine condition number]** followed by **status number**, then press **void DEL**.
- Turn the control switch to the **OFF** position.
The following receipt are typical receipt with TAX printing issued by the cash register.

Receipt With Sum of all VAT Amounts Calculated (TOTAL VAT) - Machine Condition 37

DEPT 04	*15.50T4	
SUBTOTAL	*25.50	
TOTAL	*25.50	
CASH	*25.50	
TAX1 5.5%	*0.26	VAT totals per programmed rate
TAX2 7%	*0.16	
TAX3 16%	*0.34	
TAX4 20%	*2.58	
TOTAL-TAX	*3.34	Sum of the individual VAT totals

Programmed VAT rates

Receipt With Taxed Sales Totals Split per Rate (AMT VAT INCL) - Machine Condition 38

TAX1 5.5%	*0.26	VAT totals per programmed rate
TAX2 7%	*0.16	
TAX3 16%	*0.34	
TAX4 20%	*2.58	
TXBL..L.1 5.5%	*5.00	Taxed sales per rate
TXBL..L.2 7%	*2.50	
TXBL..L.3 16%	*2.50	
TXBL..L.4 20%	*15.50	

Programmed VAT rates

Receipt With Sum of the Taxed Sales Totals (TOTAL INCL VAT) - Machine Condition 39

DEPT 04	*15.50T4	
SUBTOTAL	*25.50	
TOTAL	*25.50	
CASH	*25.50	
TAX1 5.5%	*0.26	VAT totals per programmed rate
TAX2 7%	*0.16	
TAX3 16%	*0.34	
TAX4 20%	*2.58	
TXBL..TL..H	*25.50	Sum of the taxed sales totals

Programmed VAT rates

Receipt with Taxable Sales Totals without VAT per each Rate (AMT VAT EXCL) - Machine Condition 40

TAX1 5.5%	*0.26	VAT totals per programmed rate
TAX2 7%	*0.16	
TAX3 16%	*0.34	
TAX4 20%	*2.58	
TXBL..O.1 5.5%	*4.74	Taxable sales totals without VAT per each rate
TXBL..O.2 7%	*2.34	
TXBL..O.3 16%	*2.16	
TXBL..O.4 20%	*12.92	

Programmed VAT rates

Receipt With the Sum of the Taxable Sales Totals without VAT (TOT EXCL VAT) - Machine Condition 41

SUBTOTAL	*25.50	
TOTAL	*25.50	
CASH	*25.50	
TAX1 5.5%	*0.26	VAT totals per programmed rate
TAX2 7%	*0.16	
TAX3 16%	*0.34	
TAX4 20%	*2.58	
TXBL..TL..O	*22.16	Sum of the taxable sales totals without VAT

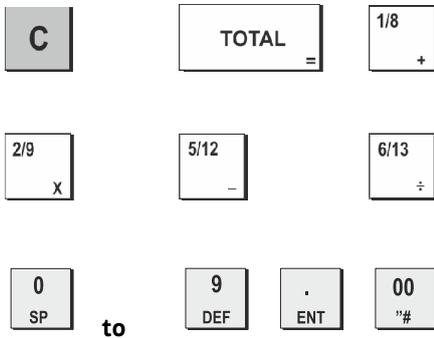
Programmed VAT rates

Calculator Mode

The calculator mode is a non-print mode that can only be accessed in the REG or JRNL position outside of a sales transaction. The calculator mode can only be accessed if Calculator Mode Password is set up.

The following keys can be used in the calculator mode:

Key



to

Entering the Calculator Model

1. Control switch position: **REG** or **JRNL**.
2. If a calculator mode password was defined, type the **[four-digit password]** and press .
3. A dot will appear on the far left-hand side of the display indicating that the calculator mode is in operation.

Exiting the Calculator Mode

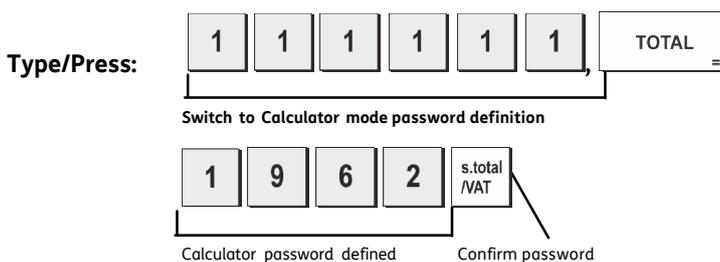
1. Control switch position: **REG** or **JRNL**.
2. Press .
3. The dot will disappear from the display and a beep will sound indicating that you are now back into the normal register mode.

Programming a Calculator Mode Password

1. Control switch position: **PRG**
2. Press  TOTAL =, enter the **[4-digit password]** and press .

NOTE: Default value password 0000: The password security protection feature will not work No protection.

Example: Define calculator mode password 1962.



Clerk System

The Clerk System is a security feature that enables you to control access to the cash register and monitor the number of transactions and the sales of up to 8 Clerks.

Your cash register is configured at the factory with the Clerk System deactivated.

You can activate the Clerk System for a degree of protection and sales monitoring or deactivate it again so that the cash register can be used freely without restrictions.

NOTE: If the Clerk System is deactivated, the cash register is used without needing to enter a Clerk number only or a Clerk number and its related 3-digit security code. In this case the cash register assumes Clerk 1 as the default Clerk, displays "1" to indicate the clerk number in use and prints "1" on all receipts, journals and reports. All sales will be recorded to Clerk 1 and therefore the Clerk Report will only report the sales of this Clerk.

You can also program other clerk-related features. See "System Options", Machine conditions 8,9 and 10 for details.

Activating the Clerk System

1. Control switch position: **PRG**.

2. Press   .

Deactivating the Clerk System

1. Control switch position: **PRG**.

2. Press   .

Programming a Secret Code Linked to a Clerk Number

With the Clerk System active:

1. Control switch position: **PRG**.

2. Type a number from  to  to identify the clerk which the secret code will be linked.

3. Press .

4. Set the clerk status typing  for "Normal Clerk" (Default) or  for "Clerk Training mode"

5. Press .

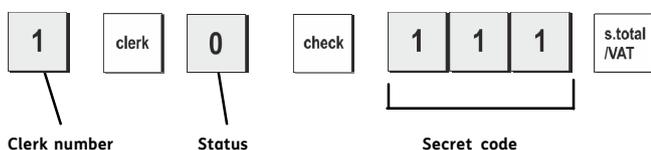
6. Set a three-digit secret code by typing three [numeric keys].

7. Press .

NOTE: Secret code: **000** to **999**

Default Secret Code: **000**

Example: Assign secret code 111 to a normal Clerk, Clerk number: 1.



Entering a Clerk Number/Secret Code Before Cash Register Operations

With the Clerk System active:

In the event that the Clerk Security Setting is set to 0 (Not Compulsory), it is possible to enter only the clerk number for starting transaction registration (only for the Clerk that do not set any security code):

1. Control switch position: **REG** or **JRNL**.
2. Type a Clerk number **1** to **8**, press **clerk**, for the clerk who has set security code, it is necessary enter 3 digits security code properly **[numeric keys]**, then press **check**.

NOTE: In the event that the Clerk Security Setting is set to 1 (Compulsory), user must set 3 digits security code for the clerk, before assign the clerk for transaction registration. The Clerk number which do not set security code will not be able to assign Clerk for transaction registration. And “E5” Clerk assign error appear on the display.

1. Control switch position: **REG** or **JRNL**.
2. Type a Clerk number **1** to **8**, press **clerk**, type the corresponding three-digit code (if programmed) and then press **check**.

NOTE: Asterisk sign will be shown instead of three-digit secret code.

The clerk number is displayed (C1C8) to identify the clerk that is in use and that it is now possible to carry out transactions. The clerk number is printed on the sales receipt and on the management reports.

Manager Password

You can define a manager password to prevent unauthorized access to the machine's Z mode.

Since the management report taken in the Z mode resets transaction totals to zero, a management password prevents the accidental resetting of these totals by unauthorized personnel.

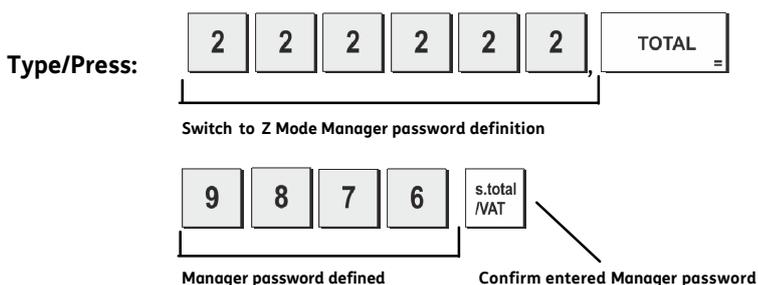
Defining a Z Mode Manager Password

1. Control switch position: **PRG**.

2. Press **2 2 2 2 2 2**, **TOTAL =** enter the **[4-digit password]** and press **s.total /VAT**.

NOTE: If you define a manager password of 0000, the password security protection feature will not work.

Example: Define calculator mode password 9876 for the Z mode.



Clearing the Z Mode Manager Password

1. Control switch position: **PRG**.

- Press

2	2	2	2	2	2	TOTAL =
---	---	---	---	---	---	---------
- Press

0	0	0	0	s.total /VAT
---	---	---	---	--------------

Using the Cash Register in a Password Protected Mode

If a manager password was defined to protect unauthorized access to the Z mode, proceed as follows to enter the specific password so that you can print the Z management report:

1. Control switch position: **Z**.
2. Type the specific 4-digit password.

3. Press

check

.

Training Mode

The training mode allows you to use the cash register to perform true sales transactions for learning purposes. All transactions performed in this mode are not recorded in the management financial reports and the sales receipts are not numbered consecutively. When the cash register is switched to the training mode, all training transactions are performed in the REG or JRNL mode. You can also print a detailed training report to keep track of the transactions performed in this mode. See "Training Report" for details.

To switch the cash register to the training mode:

1. Control switch position: **PRG**.
2. Press

5	5	5	5	5	5	TOTAL =
---	---	---	---	---	---	---------

A dot appears on the display to indicate that the cash register is in the Training Mode.

3. Turn the control switch to the **REG** or **JRNL** position to perform training sales transactions.

NOTE: Receipts printed in TRAINING MODE prints "*****" instead of consecutive number.

To exit the Training Mode:

1. Control switch position: **PRG**.
2. Press

5	5	5	5	5	5	TOTAL =
---	---	---	---	---	---	---------

To switch the cash register to the training mode when a training mode password has been defined:

1. Control switch position: **REG** or **JRNL**.
2. Type your **[4-digit password]** and press

check

.

A dot appears on the display to indicate that the cash register is in the Training Mode.

To exit the training mode when a password has been defined:

1. Control switch position: **REG** or **JRNL**.
2. Type your **[4-digit password]** and press

check

.

Programming a Training Mode Password

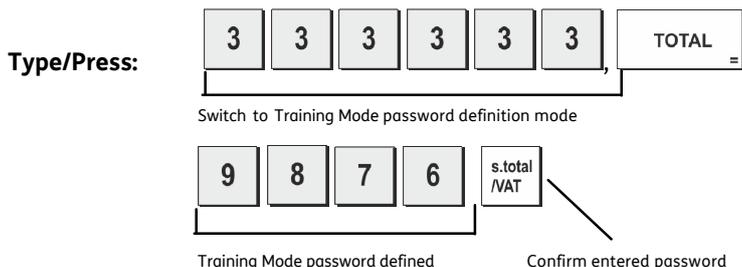
A training mode password prevents unauthorized access to the training mode and allows training to be performed in the REG or JRNL mode.

1. Control switch position: **PRG**.

2. Press enter the **[4-digit password]** and press .

NOTE: If you define a password by 0000 or you leave it as default value, the training mode will not be accessible.

Example: Define Training mode password 9876.



System Options

Your cash register's system options programming feature includes a number of options for the operation of the cash register. Each of the functions described in this section is already set upon delivery of the cash register to meet the most frequent requirements.

The cash register's factory default settings, which you can reprogram at anytime, are indicated in bold print in the table below. At anytime you can print a report indicating how your cash register is programmed. See "Cash Register Programming Report" for details.

- 1 **0 = Date format - DD-MM-20YY (day-month-year)**
1 = Date format - MM-DD-20YY (month-day-year)
- 2 **0 = Time display - 24 hour format**
1 = Time display - 12 hour format
- 3 0 = Decimal point position - n
1 = Decimal point position - n.n
2 = Decimal point position - n.nn
3 = Decimal point position - n.nnn
- 4 Electronic Journal
0 = Dynamic electronic journal operation
1 = Standard electronic journal operation
- 5 Electronic Journal storage selection
0 = Stores sales receipt only on electronic journal
1 = Full registration on electronic journal
- 6 Sound warning beep for EJ memory nearly full condition at the start of the transaction
0 = Do not sound
1 = Sound
- 7 Sound warning beep for EJ memory nearly full condition at the end of the transaction
0 = Do not sound
1 = Sound

- 8 **0 = Clerk System Inactive**
 1 = Clerk System Active
- 9 **0 = Clerk Security Code Not Compulsory**
 1 = Clerk Security Code Compulsory
- 10 **0 = Clerk login at each transaction Not Compulsory**
 1 = Clerk login at each transaction Compulsory
- 11 **0 = Zero price entry allowed**
 1 = Zero price entry not allowed
- 12 0 = Reserved
 1 = Add-on TAX Mode
 2 = VAT calculation Mode
- 13 0 = Round Down Fraction Rounding mode
 1 = Round Off (5/4) Fraction Rounding mode
 2 = Round Up Fraction Rounding mode
- 14 **0 = No European rounding**
 1 = Special rounding selection - Swiss
 0.01 – 0.02 = amount rounded to 0.00
 0.03 – 0.07 = amount rounded to 0.05
 0.08 – 0.09 = amount rounded to 0.10
 2 = Special rounding selection - Danish
 0.00 – 0.24 = amount rounded to 0.00
 0.25 – 0.74 = amount rounded to 0.50
 0.75 – 0.99 = amount rounded to 1.00
 3 = Special rounding selection - Euro
 0.01 – 0.03 = amount rounded to 0.00
 0.04 – 0.07 = amount rounded to 0.05
 0.08 – 0.09 = amount rounded to 0.10
 4 = Special rounding selection - Norwegian
 0.0 – 0.49 = amount rounded to 0.00
 0.50 – 0.99 = amount rounded to 1.00
- 15 **0 = FC convert calculation mode: Divide**
 1 = FC convert calculation mode: Multiple
- 16 **0 = Issue of multiple receipts allowed**
 1 = Issue of multiple receipts not allowed
- 17 **0 = Drawer Open when NO SALE**
 1 = Drawer doesn't Open when NO SALE
- 18 **0 = Consecutive number update on NO SALE receipt**
 1 = Consecutive number doesn't update on NO SALE receipt
- 19 **0 = Zero skip printing Z report**
 1 = No zero skip printing Z report
- 20 **0 = Do not reset Consecutive number counter after Z1 report**
 1 = Reset Consecutive number after Z1 report
- 21 **0 = Do not reset Grand total after Z1 financial report**
 1 = Reset Grand total after Z1 financial report
- 22 **0 = Do not reset Z1 and Z2 counter after Z report**
 1 = Reset Z1 and Z2 counter after Z report

- 23 0 = Line distance 1.25 mm
 1 = Line distance 1.50 mm
 2 = Line distance 1.75 mm
3 = Line distance 2.00 mm
 4 = Line distance 2.25 mm
 5 = Line distance 2.50 mm
 6 = Line distance 2.75 mm
 7 = Line distance 3.00 mm
 8 = Line distance 2.25 mm
 9 = Line distance 3.50 mm
- 24 **0 = Font Normal size**
 1 = Font Small size
- 25 EJ report compressed printing enable/disable
 0 = Disable compressed report printing
1 = Enable compressed report printing
- 26 **0 = Consecutive number update after report**
 1 = Consecutive number doesn't update after Z report
- 27 - 29 Reserved
- 30 **0 = Print the date**
 1 = Do not print the date
- 31 **0 = Print the time**
 1 = Do not print the time
- 32 **0 = Print consecutive number**
 1 = Do not print consecutive number
- 33 **0 = Active: Print Subtotal by pressing** 
 1 = Inactive: Do not print Subtotal by pressing 
- 34 **0 = Print Tax symbol at right hand side of amount print**
 1 = Do not print Tax symbol at right hand side of amount print
- 35 **0 = Tax details positioned after tender amount**
 1 = Tax details positioned before tender amount
- 36 **0 = Print TAX amount split per rate**
 1 = Do not print TAX amount split per rate
- 37 0 = Print Total TAX amount
1 = Do not print Total TAX amount
- 38 0 = Print Taxable amount split per rate
1 = Do not Taxable amount split per rate
- 39 0 = Print Total Taxable amount split per rate
1 = Do not print Total Taxable amount split per rate
- 40 0 = Print Taxable amount out of TAX split per rate
1 = Do not print Taxable amount out of TAX split per rate
- 41 0 = Print Total Taxable amount out of TAX
1 = Do not print Total Taxable amount out of TAX

- 42 **0 = Print NO SALE receipt**
 1 = Do not print NO SALE receipt
- 43 **0 = Print X/Z report header**
 1 = Do not print X/Z report header
- 44 **0 = Print Z1/Z2 counter on Z1/Z2 report**
 1 = Do not print Z1/Z2 counter on Z1/Z2 report
- 45 **0 = Print GT on Z1/Z2 report**
 1 = Do not print GT on Z1/Z2 report
- 46 **0 = Print PAYMENT MEDIA counter on Z1/Z2 report**
 1 = Do not print PAYMENT MEDIA counter on Z1/Z2 report
- 47 **0 = Print NO SALE counter on Z1/Z2 report**
 1 = Do not print NO SALE counter on Z1/Z2 report
- 48 **0 = Print VOID TOTAL on Z1/Z2 report**
 1 = Do not print VOID TOTAL on Z1/Z2 report report
- 49 **0 = Print REFUND TOTAL on Z1/Z2 report**
 1 = Do not print REFUND TOTAL on Z1/Z2 report
- 50-89 Reserved
- 90 **0 = English Language**
 1 = Spanish Language
 2 = French Language
 3 = German Language
 4 = Dutch Language
 5 = Portuguese Language
 6 = Danish Language
 7 = Swedish Language

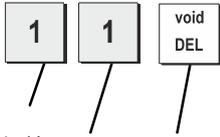
NOTE: After you set your language the cash register will automatically perform a reset and cancel all the programming and transaction data stored.

Changing the Cash Register's Standard Settings

1. Control switch position: **PRG**.
2. Type the **[number]** of the machine condition (1 to 90 as indicated in the table) that you wish to change.
3. Type the **[number]** of the required setting.

4. Press .

Example: Set the date to the Month/Day/Year format.



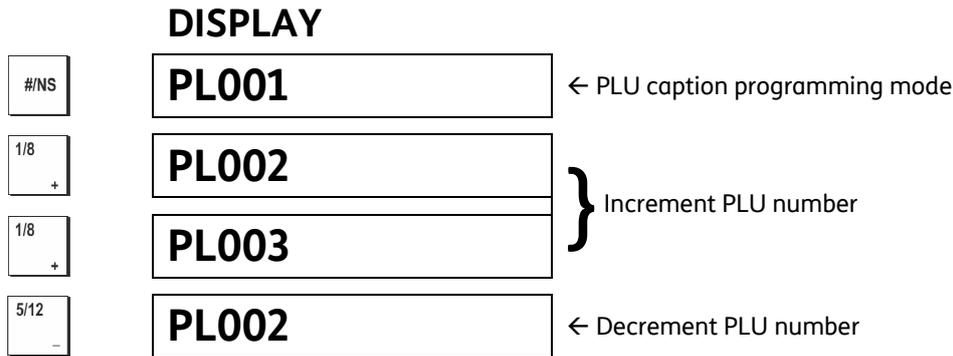
Machine
condition Setting Confirm setting

Selecting Classification of Caption

DISPLAY	
#/NS	0 ← Normal programming mode
	PL001 ← PLU caption programming mode
#/NS	DP01 ← Department caption programming mode
#/NS	CL1 ← Clerk caption programming mode
#/NS	FC1 ← FC caption programming mode
#/NS	HD1 ← Header caption programming mode
#/NS	FT1 ← Footer caption programming mode
	0 ← Normal programming mode

NOTE: Even in programming sequence, you can exit the programming by pressing  key.

Selecting Caption Number



Area of caption number per classification of caption

PLU:	1 - 999
Department:	1 -40
Clerk:	1 - 8
FC:	1 - 4
Header message:	1 - 6
Footer message:	1 - 4

Inputting of Character Code

Character Key

Numeric keys are working as character key like following character in mode of caption Programming. Each numeric key has several character code. Those are selected by depressing the same key automatically updated.

When the code reach to the end of assigned code, the selected code goes to first character code again. It's means to cyclic choice.

OFFSET Key	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7		
00	0	!	"	#	\$	%	&	'	()	*	+	,	-	.	/	:	;	<	=	>	?								
1	P	Q	R	S	p	q	r	s	1	Ş	Ş	⊠	p	⊠	ş															
2	T	U	V	t	u	v	2	Ú	Û	Ü	Û	Ü	ü	ü	Û	ü														
3	W	X	Y	Z	w	x	y	z	3	Ý	Ž	Z	ž	z																
4	G	H	I	g	h	i	4	Ğ	Ğ	ı	ı	î	ï	ğ	ı	ı														
5	J	K	L	j	k	l	5	ł	ł																					
6	M	N	O	m	n	o	6	Ń	Ń	Ó	Ö	Ó	ó	Ô	Ö	ñ	ń	ó	õ	õ	ó	ô	ö	ò						
7	7	@	[\]	^	_	{		}	~	i	ş	→	←	Σ	∅	Æ	Œ	¨	¿	I	II	III	Γ	」	↑	·		
8	A	B	C	a	b	c	8	Á	A	À	À	Â	À	Â	Ä	ß	C	Ć	Ç	á	q	à	â	ä	c	ć				
9	D	E	F	d	e	f	9	Đ	É	Ę	É	È	Ê	Ë	è	e	è	é	ê	ë										

Control Key for character inputting

- qty/
time
DW Double width character selected.
Double width need to inputting forward to the character.
- 0
SP Space code entry using.
- void
DEL Deleting character code entry like back-space of PC.
- ENT Programmed to the caption by entered character.

DISPLAY

X



OFFSET Value for the character key.

Example:

	DISPLAY	
5 JKL	0	J
5 JKL	1	K
5 JKL	2	L
5 JKL	3	J
5 JKL	4	K
5 JKL	5	L
5 JKL	6	5
5 JKL	5	l
5 JKL	7	ł
5 JKL	8	ł
5 JKL	0	J

NOTE: in this model, the characters will be shown as in the example reported here.

But, following in detail the table on the previous page, the characters will be reproduced correctly in all types of impressions.

Ex: PLU001 caption presetting.

check

DISPLAY

#/NS	PL001
8 ABC	0 A
1 PQRS	0 AP
· ENT	0 AP
1 PQRS	0 APP
5 JKL	0 APPJ
5 JKL	1 APPK
5 JKL	2 APPL
9 DEF	0 APPLD
9 DEF	1 APPLE
check	PL002
	PLU001 APPLE

← PLU# 001 caption programming mode

← Set PLU#001 caption.
Caption number will be accumulated by one after presetting.
"SPACE" can be applied in case of less than max. digits of caption

Management Reports

Transaction data is maintained in the memory of the cash register as long as the battery back-up system is in effect. This data can be printed as a report for management review. The Management Report can be printed from either the X or Z position.

X and Z Reports

Turning the control switch to the X position prints the accumulated transaction information and **RETAINS ALL TOTALS IN MEMORY**. Take this report any time of the day to print periodic reading of the transactions performed (some users call the X report a mid-day report). X reports include the PLU Report, Clerk Report, and the X Financial Reports.

Turning the control switch to the Z position prints the same information as the X report. The only difference is that after a Z report printout **ALL TRANSACTION TOTALS ARE RESET TO ZERO**, except for the grand total unless programmed otherwise in the system options programming mode. This report is usually taken at the end of the day so that all the transaction totals are cleared to start from zero the following day.

NOTE: To prevent the accidental printing of the Z report, assign a Z mode manager password as explained in the section entitled "Defining a Z Mode Manager Password".

An X2 report is called a period-to-date financial report which is usually taken on a weekly basis. It accumulates all the transaction totals. A Z2 report is the same as an X2 report, with the exception that all the transaction totals are reset to zero after it is taken. It is usually taken as a monthly sales report to view end-of-month sales totals for each department.

X and Z Financial Report

NOTE: Once a "Z" report is taken, it cannot be duplicated so be sure to have plenty of paper in the cash register.

1. Control switch position: X or Z (bear in mind that a Z printout resets all totals to zero).
2. If a Z-mode manager password was defined, type the [4-digit password] and press .
3. Press .

```

*****
*   YOUR RECEIPT   *
*   THANK YOU     *
*                 *
*****
DATE  -> 14-07-2006 13:03 -> TIME
DEPT 1 CAPTION -> Z1 0001 -> CONSECUTIVE NUMBER
DEPT 01 32 -> Z1 COUNTER
DEPT 02 *67.90T1 -> ITEM COUNTER
DEPT 03 18 -> DEPT 1 SALES TOTAL (TAX 1)
DEPT 04 *90.60T2 -> DEPT 2 SALES TOTAL (TAX 2)
DEPT 05 8 -> DEPT 3 SALES TOTAL (TAX 3)
DEPT 06 *77.85T3 -> DEPT 4 SALES TOTAL (TAX 4)
DEPT 07 5 -> DEPT 5 SALES TOTAL (NON TAX)
DEPT 08 *56.00T4 -> DEPT 5 SALES TOTAL (NON TAX)
TOTAL-DEPT *50.00 -> ALL DEPT TOTAL
TAX1 10% *342.35 -> TAX 1 AMOUNT TOTAL
TXBL_0_1 10% *8.57 -> TAXABLE 1 SALES TOTAL WITH OUT TAX
TXBL_W_1 10% *86.28 -> TAXABLE 1 SALES TOTAL WITH TAX
TAX2 20% *94.85 -> TAXABLE 1 SALES TOTAL WITH TAX
TXBL_0_2 20% *18.15 -> TAXABLE 1 SALES TOTAL WITH TAX
TXBL_W_2 20% *91.24 -> TAXABLE 1 SALES TOTAL WITH TAX
TAX3 30% *109.39 -> TAXABLE 1 SALES TOTAL WITH TAX
TXBL_0_3 30% *25.88 -> TAXABLE 1 SALES TOTAL WITH TAX
TXBL_W_3 30% *86.42 -> TAXABLE 1 SALES TOTAL WITH TAX
TAX4 40% *112.30 -> TAXABLE 1 SALES TOTAL WITH TAX
TXBL_0_4 40% *21.57 -> TAXABLE 1 SALES TOTAL WITH TAX
TXBL_W_4 40% *54.03 -> TAXABLE 1 SALES TOTAL WITH TAX
NON TAX *75.60 -> NON TAXABLE SALES TOTAL
TOTAL-TAX *50.00 -> ALL TAX AMOUNT TOTAL
TXBL_TL_0 *74.17 -> ALL TAXABLE SALES TOTAL WITH OUT TAX
TXBL_TL_W *317.97 -> ALL TAXABLE SALES TOTAL WITH TAX
TL-COUPON *442.14 -> ITEM - TOTAL
*0.90 -> SALES - TOTAL
*0.60 -> ITEM % TOTAL
TL-ADD ON *1.31% -> SALES % TOTAL
NET *442.14 -> NET SALES TOTAL (BASE CURRNCY)
TL-REFUND *-1.00 -> REFUND TOTAL
TL-VD/CORR *-2.00 -> VOID/EC TOTAL
GROSS *342.35 -> GROSS SALES TOTAL
ADJUST *x.xx -> ADJUSTMENT TOTAL
TL-CASH 0040 -> CASH COUNTER
*417.84 -> CASH SALES TOTAL
TL-CHECK 0001 -> CHECK COUNTER
*2.70 -> CHECK SALES TOTAL
TL-CHARGE 0003 -> CHARGE COUNTER
*21.60 -> CHARGE SALES TOTAL
TL-CARD xxxx -> CARD COUNTER
*x.xx -> CARD SALES TOTAL
TL-RECD AC 0001 -> RECD ON ACCT COUNTER
*10.00 -> RECD ON ACCT TOTAL
T-PAID OUT 0001 -> PAID OUT COUNTER
*5.00 -> PAID OUT TOTAL
TL-NOSALE 0001 -> NO SALE COUNTER
C-I-D *422.84 -> CASH-IN-DRAWER TOTAL
CHECK-I-D *2.70 -> CHECK-IN-DRAWER TOTAL
CHARGE-I-D *21.60 -> CHARGE-IN-DRAWER TOTAL
CARD-I-D *x.xx -> CARD-IN-DRAWER TOTAL
FC 1 RATE -> FC 1 *2.5 *4.00 -> FC 1-IN-DRAWER TOTAL
GT *442.14* -> GRAND TOTAL

```

X2 and Z2 Financial Reports

1. Control switch position: **X** or **Z** (bear in mind that a Z2 printout resets all totals to zero).
2. If a Z-mode manager password was defined, type the **[4-digit password]** and press .
3. Type and press .

Clerk Report

1. Control switch position: **X** or **Z** (bear in mind that a Z Clerk Report resets all totals).
2. Press .

	* YOUR RECEIPT *		
	* THANK YOU *		

		13:03	
	14-07-2006	0002	
	CLERK REPORT	X	
CLERK NAME →	CLERK01		
ACTIVITY COUNTER →	012	*100.00	→ SALES TOTAL
	CLERK02		
	002	*200.00	
	CLERK03		
	001	*3.00	
	CLERK04		
	001	*10.00	
	CLERK05		
	001	*20.00	
	CLERK06		
	001	*5.00	
	CLERK07		
	001	*10.00	
	CLERK08		
	001	*2.00	
	TL-CLERK	*350.00	→ ALL CLERK SALES TOTAL

PLU Sales Report

1. Turn the control switch to the **X** or **Z** position (bear in mind that a Z PLU Report resets all PLU totals to zero).
2. Press .

	* YOUR RECEIPT *		
	* THANK YOU *		

		13:03	
	14-07-2006	0002	
	PLU REPORT	X	
PLU CAPTION →	APPLE	1	→ ITEM COUNTER
		*12345.67T1	→ SALES TOTAL
	COKE	1	
		*100.00T2	
	LEMON	3	
		*28.00T3	
	EGG	6	
		*33.00T4	
	GRAPE	1	
		*20.00	
	TOTAL-PLU	*12526.67	→ ALL PLU SALES TOTAL

PLU Stock Report

This report provides a printout showing the number of items in stock for each individual PLU. It can only be issued in the X mode.

1. Control key position: **X**.

2. Press .

* YOUR RECEIPT *		
* THANK YOU *		

		18:20
	07-07-2009	0022
	PLU STOCK REPORT	X
PLU number	NEWSPAPER	70
or assigned	PEN	200
name	CHEWING GUM	350
	MILK	10
	CAKE	35
	PLU 006	980

You can also print a Minimum PLU Stock Report that provides you with an inventory of all the PLU items under a determined quantity that you define. Also this report can only be issued in the X mode.

1. Control key position: **X**.

2. Type the **[stock number]** of up to 4 digits.

3. Press .

* YOUR RECEIPT *		
* THANK YOU *		

		18:20
	07-07-2009	0029
	PLU STOCK REPORT	X
PLU number	NEWSPAPER	70
or assigned	MILK	10
name	CAKE	35

Example: Print a Stock Report of all PLU items with less than 100 items in stock.

Type/Press:

Department Programming Report

This report provides a printout showing how your departments are programmed. It provides the status, associated VAT and associated price for each department.

1. Control switch position: **PRG**.

2. Press       

PLU Programming Report

This report provides a printout showing how the PLUs are programmed. Their number, associated price, VAT rate (if applicable) and associated department are reported on this receipt.

1. Control switch position: **PRG**.

2. Press .

Cash Register Programming Report

This report provides a printout showing how your cash register is programmed. It lists the values that are programmed for all system options, the VAT rates, foreign currency exchange rates and percent minus value programmed, the manager password and training mode pass- word assigned, and the three-digit security code assigned to the clerks.

1. Control switch position: **PRG**.

2. Press .

Training Report

This report provides an X or Z report of the transactions performed in the training mode. Like the ordinary X and Z financial reports, a Z report resets all transaction totals to zero and provides the same information as an ordinary X or Z financial report with the exception that the report identifier is "X0" or "Z0".

1. Control switch position: **X** or **Z**. Bear in mind that in the Z position the training report contents are cleared.

2. If a training mode password was defined, type the **[4-digit password]** and press .

3. Press .

```

*****
*   YOUR RECEIPT   *
*   THANK YOU     *
*                 *
*****
13:03
14-07-2006      ****
ZO              0001
DEPT 01         32
                *67.90T1
DEPT 02         18
                *90.60T2
DEPT 03         8
                *77.85T3
DEPT 04         5
                *56.00T4
DEPT 05         1
                *50.00
TOTAL-DEPT     *342.35
TAX1 10%       *8.57
TXBL_0_1 10%   *86.28
TXBL_W_1 10%   *94.85
TAX2 20%       *18.15
TXBL_0_2 20%   *91.24
TXBL_W_2 20%   *109.39
TAX3 30%       *25.88
TXBL_0_3 30%   *86.42
TXBL_W_3 30%   *112.30
TAX4 40%       *21.57
    
```

```

TL-CARD         xxxx
                *x.xx
TL-RECD AC      0001
                *10.00
T-PAID OUT      0001
                *5.00
TL-NOSALE       0001
C-I-D           *422.84
CHECK-I-D       *2.70
CHARGE-I-D      *21.60
CARD-I-D        *x.xx
FC 1 *2.5       *4.00
GT              *442.14*
    
```

Electronic Journal Reports

An electronic journal report executed with the control key in the **X** position does not clear the electronic journal memory (and therefore all transaction data are retained) while the report executed with the control key in the **Z** position cancels electronic journal memory thus restoring it to its maximum line capacity programmed.

To momentarily interrupt report printing, press . Press this key again to resume printing.

To cancel report printing, press .

Complete Electronic Journal Report

This report is a complete listing of transaction receipts and **Z** financial reports taken within the maximum line capacity programmed.

1. Control key position: **X** or **Z**. Bear in mind that in the **Z** position the electronic journal memory contents are cleared after you press . Make sure there is plenty of paper loaded in the printer.
2. If a manager password was defined type the [4-digit password] and press .
3. Press .

When the contents of the electronic journal are printed, a message is displayed along with a beep to indicate that the EJ memory capacity has been restored to its programmed line capacity.

Oldest Transaction Report

By entering the number of transactions you wish to view, this report prints the selected number of oldest receipts and **Z** financial reports performed and stored within the programmed line capacity.

1. Control key position: **X** or **Z**. Bear in mind that in the **Z** position the journal report contents are cleared. Make sure there is plenty of paper loaded in the printer.
2. If a manager password was defined type the [**4-digit password**] and press .
3. Type a number between [**001 and 999**] indicating the number of oldest reports wanted and press .

Latest Transaction Report

By entering the number of transactions you wish to view, this report prints the most recent receipts and **Z** financial reports performed and stored within the programmed line capacity.

1. Control key position: **X** or **Z**. Bear in mind that in the **Z** position the journal report contents are cleared. Make sure there is plenty of paper loaded in the printer.
2. If a manager password was defined type the [**4-digit password**] and press .
3. Type a number between [001 and 999] indicating the number of latest reports wanted and press .

Daily Report

By entering the number of **Z** financial reports that you wish to view, this report prints the receipts recorded before the defined **Z** financial report along with the report itself.

1. Control key position: **X** or **Z**. Bear in mind that in the **Z** position the journal report contents are cleared. Make sure there is plenty of paper loaded in the printer.
2. If a manager password was defined type the [**4-digit password**] and press .
3. Type a number between [**01 and 99**] indicating the number of oldest end-of-day reports wanted and press .

Sales Transactions

Entering and Exiting the Register Mode

1. Turn the control SWItCh to the REG or JRNL position. Remember that the JRNL position registers all sales transactions on the journal record while the REG position provides customer receipts.
2. If the Clerk System option was set to active and a clerk code was programmed, enter the related Clerk number assigned and press , type its associated three-digit secret code and then press .

If the Clerk System option was set to active and a secret code was not programmed, type any Clerk number to and then press .

Date and Time Display

You can display the current date and time outside of a sales transaction by pressing to display the date and to display the time with the cash register in either the **REG** or **JRNL** mode.

Sample Receipts

The following receipt is a typical receipt issued by the cash register.

	<pre> ***** * YOUR RECEIPT * * THANK YOU * * * ***** </pre>	} HEADER MESSAGE (Max. 6 lines) STANDARD CHARACTER 24/characters DOUBLE CHARACTER 12/characters
CLERK →	<pre> CLERK01 13:00 </pre>	→ TIME
DATE →	<pre> 14-07-2006 0002 </pre>	→ CONSECUTIVE NUMBER
DEPARTMENT →	<pre> DEPT 01 *10.00T1 </pre>	→ TAXABLE 1 DEPARTMENT
CAPTION	<pre> DEPT 02 *20.00T2 DEPT 03 *30.00T3 DEPT 04 *40.00T4 DEPT 05 *50.00 </pre>	→ TAXABLE 2 DEPARTMENT → TAXABLE 3 DEPARTMENT → TAXABLE 4 DEPARTMENT → NON-TAXABLE DEPARTMENT
	<pre> ----- SUBTOTAL *150.00 </pre>	→ SUBTOTAL
	<pre> TOTAL *150.00 CASH *200.00 CHANGE *50.00 </pre>	→ TOTAL → CASH AMOUNT → CHANGE
	<pre> / HAVE A NICE DAY / / PLEASE COME AGAIN / /~~~~~ / </pre>	} FOOTER MESSAGE (Max. 4 lines) STANDARD CHARACTER 24/characters DOUBLE CHARACTER 12/characters

It is possible to print a receipt containing the least information possible. To obtain this receipt, program system options 36 to 41 accordingly. See "System Options" for details.

After Receipt Operation

(Transaction)



NOTE: This operation is able to print in following condition.

- a) The mode lock is in REG position.
- b) The system option for "Multiple Receipt" is set to allowed.
- c) The transaction is operated as receipt off even if the system option for "Multiple Receipt" is set to Not allowed.

Receipt On/Off

Outside of a sales transaction, the cash register can be switched to the non-print mode where the transactions performed in the REG mode will not be printed. In the non-print mode, the sales totals will be maintained and the management reports will print.

1. Control switch position: **REG** or **JRNL**.

2. Press .

NOTE 1: A line appears on the left side of the screen (second position) indicating that the Received mode is active.

NOTE 2: You can override this setting and print the receipt of the last sales transaction performed by pressing  for as many receipts wanted.

Exiting the Non-Print Mode

1. Control switch position: **REG** or **JRNL**.

2. Press .

Registering a Single Item Sale with Change Tender

Up to seven digits can be used for the amount of the entry.

Example: Register a €1.00 item in Department 1. Compute change for €5.00.

1. Press   .

2. Press   .

The transaction is ended and the change due to the customer is displayed.

Registering a Multiple Item Sale with Exact Cash Tender

Example: Register a €2.50 item to Department 1, a €0.50 item to Department 5 and a €1.65 item to Department 14, with an exact tender of €4.65.

1. Press    .

2. Press   .

3. Press     .

4. Press .

5. Press .

Registering a Multiple Item Sale with Exact Cash Tender in Foreign Currency

Example: Register a €10.00 item to Department 1, a €20.00 item to Department 2, with an exact tender in foreign currency.

1. Press

1	0	00	1/8 +
---	---	----	----------

.
2. Press

2	0	00	2/9 x
---	---	----	----------

.
3. Press

s.total /VAT

 to display and print the current balance due in Local currency.
4. Press

1

 for foreign currency number 1 programmed and press

RA/FC

 to display the current balance due in the foreign currency.
5. Press

TOTAL	=
-------	---

.

Registering a Sale of Multiple Items at Same Cost

Up to two digits can be used for the quantity multiplied.

Example: Multiply two items costing €1.50 and register the sale to Department 1. Compute change for €5.00.

1. Press

2	qty/ time DW
---	--------------------

.
2. Press

1	5	0	1/8 +
---	---	---	----------

.
3. Press

1	6	5	dept. shift	7/14
---	---	---	----------------	------

.
4. Press

s.total /VAT

.
5. Press

5	00	TOTAL	=
---	----	-------	---

. The change due to the customer is displayed.

Registering a Multiple Department Sale with Payment in Foreign Currency and Change Tender in Local Currency

Example: Register a €69.99 item to Department 1, a €5.99 item to Department 4 and a €3.50 item to Department 9.

Compute change for €150.00.

1. Press

6	9	9	9	1	8	1/8 +
---	---	---	---	---	---	----------

.
2. Press

5	9	9	4/11
---	---	---	------

.
3. Press

3	5	0	dept. shift	2/9 x
---	---	---	----------------	----------

.
4. Press

s.total /VAT

 to display and print the current balance due in Local currency.

- Press for foreign currency number 1 programmed and press to display the current balance due in foreign currency.
- Type the amount tendered in foreign currency.

and press . The change due to the customer is displayed.

Registering a Charge Transaction

Example: Register a €2.50 item to Department 1 and a €3.00 item to Department 2 as a charge transaction.

- Press .
- Press .
- Press .
- Press .

Split Cash/Charge Tendering

Example: Register a €10.00 item and a €15.00 item to Department 2. Split the amount tendered between €20.00 cash and €5.00 charge.

- Press .
- Press .
- Press .
- Press . The remaining balance due (5.00) is displayed.
- Press .

Check Tendering

Example: Register a €70.00 item paid by check to Department 4.

- Press .
- Press .

Card Tendering

Example: Register a €120.00 item to Department 2 and a €50.00 item to Department 3. Complete the transaction with payment using a credit or debit card.

1. Press

1	2	0	00	2/9 X
---	---	---	----	----------

.
2. Press

5	0	00	3/10
---	---	----	------

.
3. Press

card

.

Check Tender with Change

Example: Register a €19.50 item to Department 4, a €2.50 item to Department 5 and a €5.00 item to Department 13. Compute the change for a €30.00 check tender.

1. Press

1	9	5	0	4/11
---	---	---	---	------

.
2. Press

2	5	0	5/12 _
---	---	---	-----------

.
3. Press

5	00	dept. shift	6/13 ÷
---	----	----------------	-----------

.
4. Press

s.total /VAT

.
5. Press

3	0	00	check
---	---	----	-------

 The change due to the customer is displayed.

Check Tender in Foreign Currency with Change in Local Currency

Example: Register a €19.50 item to Department 4, a €2.50 item to Department 5 and a €5.00 item to Department 12. Compute the change for a €40.00 check tender.

1. Press

1	9	5	0	4/11
---	---	---	---	------

.
2. Press

2	5	0	5/12 _
---	---	---	-----------

.
3. Press

5	00	dept. shift	6/13 ÷
---	----	----------------	-----------

.
4. Press

s.total /VAT

 to display and print the current balance due in Local currency.
5. Press

1

 for foreign currency number 1 programmed and press

RA/FC

 to display the current balance due in foreign currency.
6. Type the amount tendered by check in foreign currency

4	0	00
---	---	----

 and press

check

 The change due in local currency is displayed.

Split Check/Cash Tender

Example: Register a €24.00 item to Department 1, a €36.00 item to Department 3 and a €4.00 item to Department 4.
Split the tender between €60.00 check and €4.00 cash.

1. Press .

2. Press .

3. Press .

4. Press .

5. Press . The remaining balance due is displayed.

4. Press .

Registering a (-) Reduction (Coupon)

Up to 7 digits can be used for the amount of the transaction.

Example: Register a €0.10 reduction (coupon) on a €2.00 item to Department 2.

1. Press .

2. Press .

3. Press .

Discounting the Total Sale

Example: Register a programmed 10% discount to an entire sales transaction. Compute the change tender.

1. Press .

2. Press .

3. Press .

4. Press . The amount discounted is displayed.

5. Press .

6. Press . The change due to the customer is displayed.

Discounting the Total Sale by Using a Random Discount Rate

Example: Register a 20% discount to a sales transaction. Compute the change tender.

1. Press

2	5	9	1/8
			+
2. Press

1	2	5	2/9
			X
3. Press

s.total
/VAT
4. Press

2	0	%
---	---	---

. The amount discounted is displayed.
5. Press

s.total
/VAT
6. Press

5	00	TOTAL	=
---	----	-------	---

. The change due to the customer is displayed.

Discounting Individual Items using Programmed and Random Discount Rates

Example: Register a €2.50 item to Department 1, apply the programmed discount to a €3.50 item to Department 14 and apply a discount rate of 3% to a €5.00 item to Department 2. Compute change tender.

1. Press

2	5	0	1/8
			+
2. Press

3	5	0	dept.	7/14
			shift	
3. Press

-%

 to apply the programmed discount. The amount discounted is displayed.
4. Press

5	00	2/9
		X
5. Press

3	-%
---	----

. The amount discounted is displayed.
6. Press

s.total
/VAT
7. Press

1	1	00	TOTAL	=
---	---	----	-------	---

. The change due to the customer is displayed.

Registering a Sales Transaction Using Preset PLU Codes

To use this feature, PLU codes must have been previously set.

Example: Use preset PLU codes to register an entire transaction: register PLU 1 and multiply 3 PLU 2. Compute change for a cash tender.

1. Press

1	PLU
---	-----
2. Press

3	qty/	2	PLU
	time		

. The amount of the multiplication is displayed.
3. Press

s.total
/VAT
4. Press

5	00	TOTAL	=
---	----	-------	---

. The change due to the customer is displayed.

Overwriting a Preset PLU Price

Example: Register the sale of programmed PLU 1 and then overwrite the preset PLU 1 with € 3.50. Computer change for a € 10.00 tender.

1. Press

1	PLU
---	-----

.
2. Press

3	5	0	PLU price
---	---	---	-----------

.
3. Press

1	PLU
---	-----

.
4. Press

s.total /VAT

.
5. Press

1	0	00	TOTAL	=
---	---	----	-------	---

. The change due to the customer is displayed.

Voiding the Previous Entry in the Middle of a Sale

Example: Void a €2.50 entry erroneously made to Department 2. Then register a €3.00 item to this same Department. End the transaction with an exact change tender.

1. Press

1	PLU
---	-----

.
2. Press

2	5	0	^{2/9} X
---	---	---	---------------------

.
3. Press

void DEL

. The amount voided is displayed and printed.
4. Press

3	00	^{2/9} X
---	----	---------------------

.
5. Press

s.total /VAT

.
6. Press

TOTAL	=
-------	---

.

Refunding Multiple Items

Example: Refund a €4.99 item to Department 4 and three €2.00 items to Department 5.

1. Press

ref/-

.
2. Press

4	9	9	4/11
---	---	---	------

 The amount to be refunded is displayed.
3. Press

3	qty/ time	2	00	5/12
---	--------------	---	----	------

 The amount to be refunded is displayed.
4. Press

TOTAL	=
-------	---

.

Registering Multiple Void and Refund Transactions

Example: Overwrite the preset PLU 6 with €3.00, register the sale of a €2.50 item to Department 1, and of a €1.00 item to Department 2. Void the €3.00 sale to PLU 6 and then register the sale of four €5.00 items to PLU 6. Void the sale of the €2.50 item previously made to Department 1 and then refund 3 items costing €4.00 each. Subtotal the sale and end the transaction with an exact cash tender.

1. Press

3	00	PLU price	6	PLU
---	----	--------------	---	-----

.
2. Press

2	5	0	1/8 +
---	---	---	----------

.
3. Press

1	00	2/9 X
---	----	----------

.
4. Press

C	void	3	00	PLU price	6	PLU
---	------	---	----	--------------	---	-----

.
5. Press

4	qty/ time DW	5	00	PLU price	6	PLU
---	--------------------	---	----	--------------	---	-----

.
6. Press

2	5	0	void DEL	1/8 +
---	---	---	-------------	----------

.
7. Press

s.total /NAT

.
8. Press

TOTAL	=
-------	---

.

Registering Money Received on Account

Up to 7 digits can be used for registering money received on account.

Example: Register €200.00 received on account.

1. Press

2	0	0	00	RA/FC
---	---	---	----	-------

The cash drawer opens and the transaction is recorded on receipt.

Registering Negative Department Transactions

As prerequisite to negative department transactions, program a normal department to a negative status as explained in section "Link Multiple/Single Item Sale, Tax Status and Item Price to a Department". These transactions are useful when the clerk pays back money to the customer, such as the refund of a deposit.

Example: With Department 11 activated for Single, negative item sales, register a deposit refund of €1.00 for the return of bottles.

1. Press

1	00	dept. shift	4/11
---	----	----------------	------

2. Press

TOTAL	=
-------	---

Registering Product Quantity Transactions

Example: Register the sale of 1.5 Kg of apples costing €3.00 per kilogram to Department 3.

1. Press

1	.	5	qty/ time DW	3	00	3/10
---	---	---	--------------------	---	----	------

2. Press

TOTAL	=
-------	---

Paying Money Out

Up to 7 digits can be registered for money paid out.

Example: Pay out €150.00.

1. Press

1	5	0	00	PO
---	---	---	----	----

The cash drawer opens and the transaction is recorded on receipt.

Registering an Identification Number to a Transaction

Up to 7 digits can be used for the identification number. This entry can be made prior to any operation. The identification number is not added to the management report or totals.

Example: Assign the identification number 3459 to a €1.00 sale to Department 4. Enter an exact cash tender sale.

1. Press .
2. Press .
3. Press .

Registering a No Sale

This operation opens the cash drawer and prints a no sale receipt. The activity is registered to the activity counter in the financial report. If you do not want to print a no sale receipt, change Machine Condition 42 to 1. See "System Options" for details.

1. Press .

Issuing a Copy of the Last Sales Receipt

You can print a copy of the last receipt issued. For this feature to be operational, Machine Condition 16 must be set to its default value 0 (multiple receipts allowed). See "System Options" for details.

NOTE: This feature will override the non-print mode, if previously activated, by pressing outside of a transaction.

Example: Register a €13.50 sale to Department 3 and enter an exact cash tender sale. Print a copy of the sales receipt.

1. Press .
2. Press .
3. Press .

Merchandise Return Operations

Merchandise Return of a Single Department Entry

enter amount ()-[DEPARTMENT] {TENDER}

Merchandise Return of a Multiple Department Entry

enter quantity (*) ()

[DEPARTMENT] {TENDER}

(*) 0.001 - 99.999

* YOUR RECEIPT *	
* THANK YOU *	
* *	

CLERK01	13:00
14-07-2006	0002
REFUND _____	→ SINGLE ITEM RETURNED
DEPT 01 *-10.00T1	
REFUND _____	→ MULTIPLE ITEMS RETURNED
DEPT 02	
2x @2.00 *-4.00T2	

TOTAL	*-14.00
CASH	*-14.00

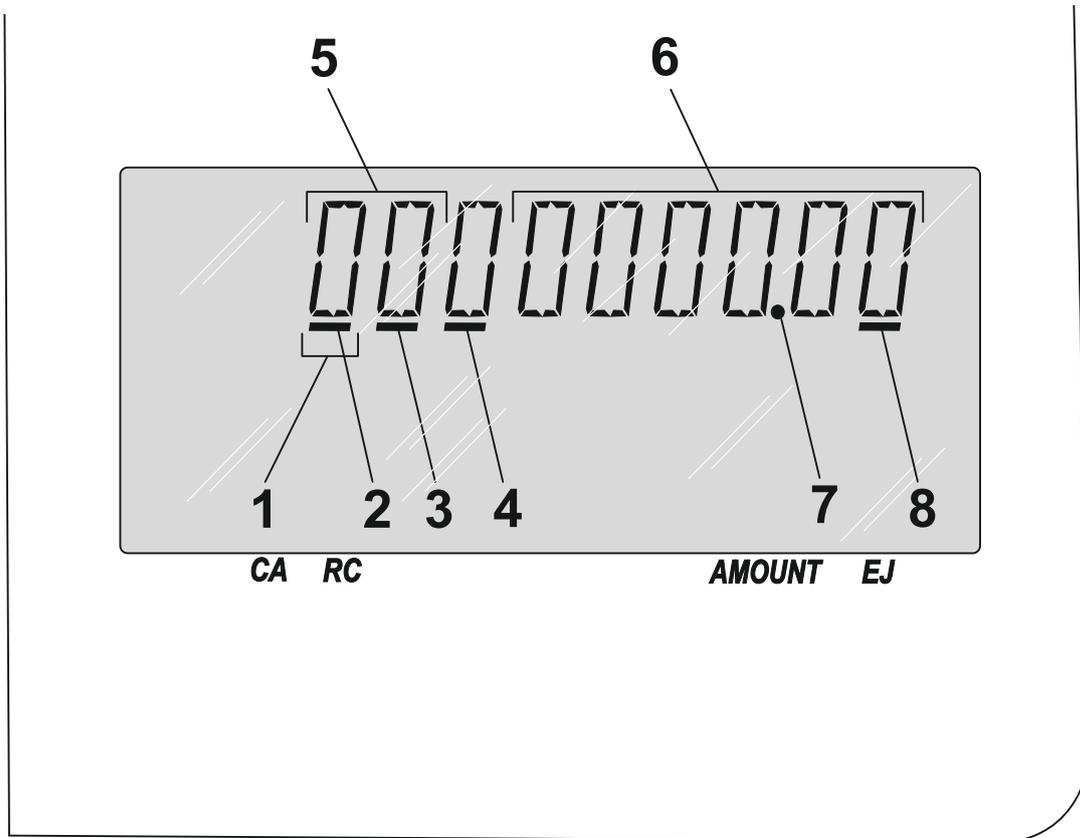
TAX1 10%	*-0.91
TAX2 20%	*-0.67
~~~~~	
/ HAVE A NICE DAY /	
/ PLEASE COME AGAIN /	
~~~~~	

Cash Register Specifications

Listed below are the technical characteristics of this cash register model:

- Type: Electronic cash register with printer
- 40 departments, 8 clerks, up to 999 PLU settings
- Display: 9-digit operator LCD
- Symbols for error, change, subtotal, minus, total, foreign currency value and item count shown
- Capacity: 7-digit input and readout
- Printer: Alphanumeric thermal printer
- Paper supply: 57.5 ± 0.5 mm paper tape
- Batteries: 3 standard "AA" size batteries which
- safeguard memory contents in the event of power failures
- Technology: CMOS RAM
- Power cons.: Standby 5.5 W, Operating 16 W
- Operating Temperature: 32 – 104 °F (0 °C – 40 °C)
- Dimensions: 398 mm (W) x 398 mm (D) x 267 mm (H)
- Weight: 6.40 Kg (14,11 lbs)

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DIRECTIVE 2012/19/EU ON THE TREATMENT, COLLECTION, RECYCLING AND DISPOSAL OF ELECTRIC AND ELECTRONIC DEVICES AND THEIR COMPONENTS

1. FOR COUNTRIES IN THE EUROPEAN UNION (EU)

The disposal of electric and electronic devices as solid urban waste is strictly prohibited: it must be collected separately. The dumping of these devices at unequipped and unauthorized places may have hazardous effects on health and the environment. Offenders will be subjected to the penalties and measures laid down by the law.

TO DISPOSE OF OUR DEVICES CORRECTLY:

- a) Contact the Local Authorities, who will give you the practical information you need and the instructions for handling the waste correctly, for example: location and times of the waste collection centres, etc.
- b) When you purchase a new device of ours, give a used device similar to the one purchased to our dealer for disposal.



The crossed dustbin symbol on the device means that:

- When it to be disposed of, the device is to be taken to the equipped waste collection centres and is to be handled separately from urban waste;

- Olivetti guarantees the activation of the treatment, collection, recycling and disposal procedures in accordance with Directive 2012/19/EU (and subsequent amendments).

2. FOR OTHER COUNTRIES (NOT IN THE EU)

The treatment, collection, recycling and disposal of electric and electronic devices will be carried out in accordance with the laws in force in the country in question.

DIRECTIVE 2006/66/EC ON BATTERIES AND ACCUMULATORS AND ON WASTE BATTERIES AND ACCUMULATORS - INFORMATION

Applicable in European Union countries and in other countries with recycling collection systems



The symbol shown on batteries, on their packaging or on their documentation means that the batteries supplied with the product must not be disposed of as solid urban waste but must be collected separately. Take used batteries to the authorised recycling centres. Improper disposal could have dangerous effects on the environment and on health.

When any of the chemical symbols Hg (mercury), Cd (cadmium) or Pb (lead) are present, they indicate that the battery contains a higher quantity of the related substance than stipulated in the directive.



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