
Cash Register

ECR 5800

INSTRUCTIONS

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The **CE** mark affixed to the product certifies that the product satisfies the basic quality requirements.



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.
-

WARNING: THIS EQUIPMENT MUST BE EARTHED.
ATTENTION: CETTE UNITÉ DOIT ÊTRE CONNECTÉE A LA TERRE.
ACHTUNG: DIESES GERÄT MUSS EINEN ERDUNGSANSCHLUSS HABEN.
ATENCIÓN: ESTE EQUIPO DEBE ESTAR CONECTADO A UNA TOMA DE TIERRA.
APPARATET MÅ KUN TILKOPLES JORDET STIKKONTAKT.
APPARATEN SKALL ANSLUTAS TILL JORDAT NÄTUKKAT.
LAITE ON LITTETTÄVÄ SUKO-RASIAAN.
Lederen med grön/gul isolation ma kun tilsluttes en klemme mærkt eller



To disconnect the cash register from the line voltage, unplug its power cord from the power outlet. The power outlet must be located on a wall, near the cash register and easily accessible.

Preface

The electronic cash register described in this manual is designed to help your business function smoothly by providing efficient register operations and accurate management reports. Startup is quick and easy, yet there are many options that can be added and revised so that you can customize your operations for optimum productivity. Here are just a few of the cash register's many valuable features:

- 40 departments and 999 Price Look-Up (PLU) settings;
- 26 clerk numbers to monitor the sales of individual employees;
- possibility of assigning a three-digit security code to prevent unauthorized access to individual clerk transactions (during register mode only);
- possibility of defining manager passwords to prevent unauthorized access to the machine's programming mode (PRG), Z mode and X mode;
- possibility of assigning a name to each clerk for rapid identification;
- thermal printer with journal record and receipt printing capabilities;
- electronic journal that stores transaction data that can be printed at any time;
- customer sales receipt header personalization;
- personalization of currency convert captions and credit captions on the sales receipts and reports
- possibility of reserving two departments for registering credit sales paid with two different types of credit cards;
- Euro exchange rate programming;
- possibility of programming the machine to work with one of two base currencies, Local or Euro, so that cash register computes in the currency set and automatically converts the related transaction totals into the other currency;
- rear customer display for transaction viewing;
- front operator display consisting of a 10-character message line on top and a 10-character transaction line on the bottom;
- automatic tax computations for 4 different VAT rates;
- department-linked entry options that streamline and speed-up operation;
- periodic management and financial reports which provide up-to-date sales analysis;
- battery back-up protection for the records and programming data stored in memory;
- automatic time display after a period of system inactivity;
- automatic time and date printing on receipt and journal records;
- programmable customer receipt and journal record printing in any one of four languages (English, French, German and Spanish).

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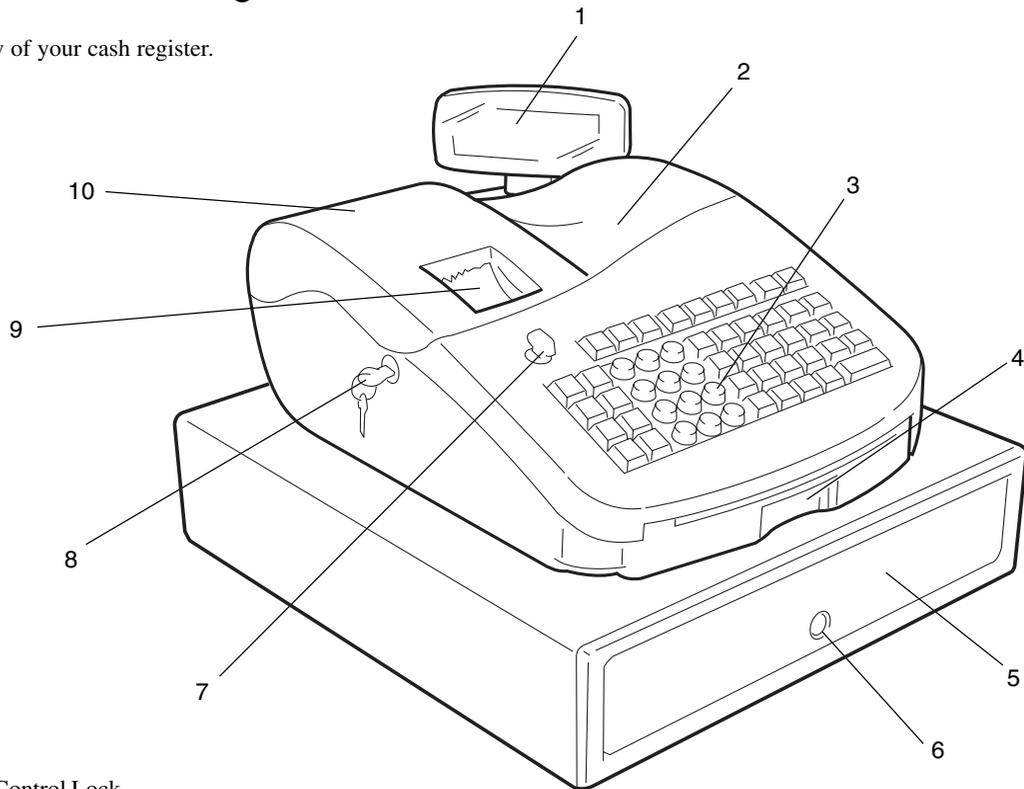
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Getting Acquainted with Your Cash Register

The figure below shows an overall view of your cash register.



- 1. Customer Display
- 2. Operator Display
- 3. Keypad
- 4. Item Deposit Drawer
- 5. Cash Drawer
- 6. Cash Drawer Lock
- 7. Control Lock
- 8. Printer Compartment Lock
- 9. Customer Receipt Output Window
- 10. Printer Compartment Cover

Standard Accessories

Your cash register comes with the following items:

- One black plastic journal winder spindle
- One roll of thermal paper
- Four standard "AA" size batteries for the battery back-up system
- This Instruction Manual
- A set of Program keys (PRG) for accessing the machine programming functions
- A set of Register keys (REG) for accessing the machine cash register functions
- A set of Z keys for accessing the X and Z functions
- A set of keys for locking the cash drawer and printer compartment cover.

Make sure that the cash register and all of the above items are included in the shipping carton.

Using this Manual

Your cash register manual is organized for easy reference. The front portion contains general information on all the features and functions of the cash register. Instructions for setting up the optional programs come next. Transaction examples for operating the cash register are at the back of the manual with a Character Code Table to use to program character strings as an alternative to using the alphanumeric keypad, a Caption Table indicating the cash register's preprogrammed character strings in the four languages available, and a Totalizers and Counters Table. At the back of the manual you will also find your cash register's technical specifications and some safety information. Use the Table of Contents to locate a particular item.

Getting Started

Before you begin to operate or program the cash register, read the section entitled Unpacking and Setting Up the Cash Register for information on how to get yourself ready to work. Read also Keypad Functions, The Control System and Operator and Customer Displays to become familiar with their operations.

NOTE: Programs and transaction information for management reports are stored in the memory of the cash register. Batteries are provided to save this information in the event of a power failure or if the cash register is unplugged from the power outlet.

Programming the Cash Register

Simple step-by-step instructions are included for each program. Also provided are examples which can be used for practice.

Carrying Out Sales Transactions

Transaction examples provide steps for key operations. Sample receipts are included.

Unpacking and Setting Up the Cash Register

NOTE: Please read this section carefully before attempting to program the cash register or perform sales transactions.

As soon as you receive the cash register, open its shipping carton and carefully withdraw each component. Make sure that the cash register and all of its accessories, listed in the section entitled Standard Accessories, are present in order to setup the cash register by following these guidelines:

1. Place the cash register on a level, stable, vibration-free and dust-free surface. Make sure that it is near a grounded power outlet.
2. Plug the cash register into a grounded power outlet.
3. Insert the batteries as explained in the section entitled Inserting/Replacing Batteries. Do not insert the batteries unless the cash register is plugged into an electrical wall outlet.

WARNING: Before inserting the memory backup batteries, make sure that the cash register is plugged into an electrical power outlet. The machine must be plugged into an electrical outlet before you insert the batteries.

4. Load the thermal paper roll as explained in the section entitled Loading Thermal Paper.
5. Set the desired program options as explained in the section Cash Register Programming.
6. Once the desired program options have been set, turn the control key to the REG 1 or REG 2 position and you are ready to perform sales transactions. In the REG 2 position the cash register will not print the programmed receipt header.

Maintaining the Cash Register

Provided below is information on how to maintain your cash register.

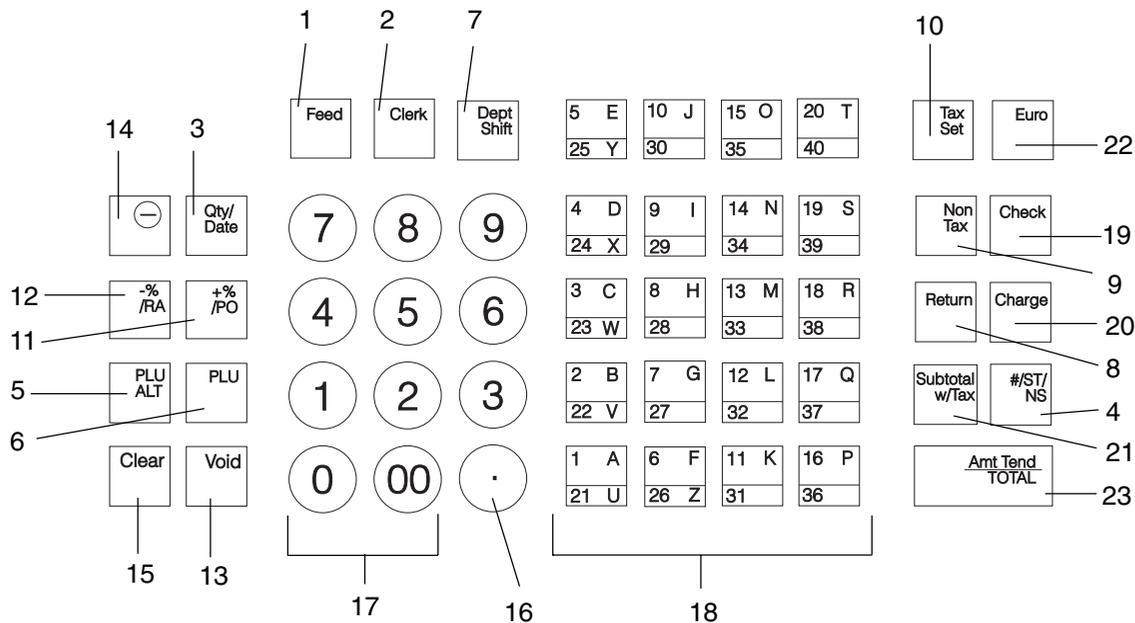
NOTE: Before cleaning the cash register, make sure it is powered off and/or unplugged from the wall outlet. Before unplugging the cash register from the wall outlet, make sure that four charged AA standard backup batteries are installed in the battery compartment. **All data stored in memory will be cancelled if you unplug the cash register from the electrical wall outlet without back-up battery supply.**

1. Keep all liquids away from the cash register so as to avoid spills which could damage the electronic components.
2. To clean the cash register firstly turn it off and/or unplug it from the wall outlet (be sure the back-up batteries are installed), then use just a damp cloth. Do not use corrosive substances such as solvents, alcohol, petrol, or abrasive components.
3. If the cash register is stored in extreme hot or cold temperatures (below 32 degrees or above 104 degrees Fahrenheit), allow the temperature inside the cash register to reach room temperature before turning it on.
4. **DO NOT** attempt to pull the paper tape when the cash register is printing or when you are loading paper. Always use the [Feed] key to feed paper. Pulling the paper tape could damage the print mechanism.

The Keypad

Your cash register is equipped with a 52-key keypad by means of which you can perform all cash register functions.

The figure below shows the keypad layout.



Keypad Functions

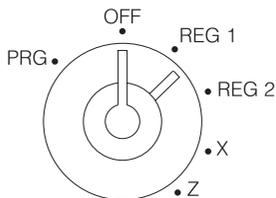
1. **[Feed]** (Paper Feed) - Advances the receipt paper one line feed; advances the paper continuously when held down.
2. **[Clerk]** - Confirms an entered clerk number. Also used to print a Clerk Report.
3. **[Qty/Date]** (Dual function: Multiply and time display) - Multiplies **[DEPARTMENT]**, **[PLU]** or **[-]** key entries; also displays the current time, if set, and is used to print the Cash-In-Drawer Report.
4. **[/#/ST/NS]** (Dual function: ST - Subtotal and NS - No Sale) - As the No Sale key, opens the cash drawer without registering any amount or when changing cash for a non-sales transaction. As the Subtotal key, calculates a subtotal during a transaction consisting of a number of items to be individually discounted or increased by a fixed percentage and prints this on the receipt.
5. **[PLU ALT]** - Temporarily overwrites a price which was assigned to a PLU number.
6. **[PLU]** (Price Look Up) - Registers a preset price of an individual item to the appropriate department. Also used to print PLU Reports.
7. **[Dept Shift]** (Department Shift) - Allows price entries for departments 21-40. Press this key before entering applicable department keys 21-40.
8. **[Return]** - Issues refunds for returned merchandise. Refund totals are printed in the management report.
9. **[Non Tax]** - Used when no tax is to be registered for a department which is programmed for tax.
10. **[Set Tax]** - Used to program VAT rates.
11. **[+%/PO]** (Dual function: Percent Plus and Paid Out) - When used as the +% key, adds a percentage to an item or to the sales total. Total percent plus amounts are shown in the management report. When used as the PO key, registers any money paid out. Paid out totals appear in the management report. Also used to set a machine number.
12. **[-%/RA]** (Dual function: Percent Discount and Received On Account) - When used as the -% key, subtracts a percentage from an item or from the sales total. Total discount amounts are shown in the management report. When used as the RA key, registers any payment made to the cash drawer. Amounts are added to the received on account total in the management report.
13. **[Void]** - Deletes the last item entered and used for correcting a particular entry after it is processed and printed. Void totals are reported in the management report. Also used during cash register options programming.
14. **[-]** - Subtracts an amount from an item or the sales total. Minus key totals are printed in the management report.
15. **[Clear]** - Clears an entry made from the numeric keypad or with the **[Qty/Date]** key before finalizing a transaction with a Department or function key. This key is also used to clear error conditions.
16. **[.]** (Decimal Point) - Used to enter fractional quantities of items being sold. In all modes, **the decimal point is not to be used when entering a price.**
17. **[0 - 9/00]** - Input amounts, indicate how many times a particular item repeats, add and subtract percentage rates, input department code numbers, handle figures which require a decimal point. The double key allows the quick entry of numbers with two or more zeros.
18. **[1-40]** (Departments 1 through 40) - Used to enter single or multiple item sales to a particular department. Department totals are shown in the management report. Also used to input characters for clerk names, captions, etc.
19. **[Check]** - Totals sales paid by check. Check totals are printed in the management report. Also stores character code entries during cash register programming. Confirms the 3-digit clerk security code entered.
20. **[Charge]** - Totals sales that are charged. Charge totals are printed in the management report.

- 21. **[Subtotal w/Tax]** - Displays the subtotal of a sale with sales tax.
- 22. **[Euro]** - When the cash register is in its default Local base currency, this key is used to program the Euro exchange rate and to automatically calculate and display the value in Euro of the total amount of a sale or of a particular amount registered. When the cash register is programmed to work in the Euro base currency, pressing this key converts the sales total to the Local currency.
- 23. **[Amt Tend/TOTAL]** (Amount Tendered/TOTAL) - Totals exact cash transactions, computes change and totals check and charge transactions.

The Control System

The Control Lock

The control lock is located on the upper left-hand side of the keypad. The PRG REG or Z key must be properly inserted in the Control Lock in order for you to be able to use the different cash register functions available. The following figure shows the Control Lock and the different modes which can be used.



Depending on the desired operation, insert the key in the Control Lock and turn it to the following positions:

- PRG Used to program the cash register according to your specific needs.
- OFF The cash register is turned off and cannot be used.
- REG 1 The cash register can perform the standard sales transactions. In this mode the preset or programmed header is printed on both the customer receipt and printed journal.
- REG 2 Same as the REG 1 mode with the only exception that the preset or programmed header is not printed on the customer receipt.
- X Prints the X management report, Cash-in-Drawer report, PLU report, clerk report, cash declaration and periodical financial reports.
- Z Prints the Z management report and resets totals (except the grand total) to zero. Prints the PLU report, clerk report, cash declaration and periodical financial reports.

Control Keys

The following sets of keys are provided as well as a set of keys to open the cash drawer and printer compartment:

- REG The REGISTER key can be used in the OFF, REG 1, REG 2 and X modes, granting both Clerk and Supervisor access to cash register functions.
- PRG The PROGRAM key works in all modes (PRG, OFF, REG 1, REG 2, X and Z). It is usually used by the Supervisor to program the cash register and print X and Z management reports.
- Z The Z key can be used in the OFF, REG 1, REG 2, X and Z modes granting a higher level access with respect to the REG key.

Cash Drawer with Removable Cash Bin

The cash drawer features a cash bin with slots for banknotes and slots for coins. Pressing the [#/ST/NS] with the control key in the REG 1 or REG 2 position opens the drawer. If a clerk number and secret code have been set, pressing this key will open the cash drawer only after the clerk number and code have been specified. This drawer can be locked for security to prevent accidental opening when moving the cash register by using the printer compartment key.

If desired, the cash bin inside the cash drawer can be completely removed from the cash register. To do so, gently lift the bin and pull it out.

Deposit Drawer

This extra drawer provides sufficient space for miscellaneous items.

Operator and Customer Displays

Your cash register offers two displays which provide easy viewing for both the customer and operator during a sales transaction. The customer display shows entry amounts and related transaction information through the use of numbers and special symbols. The operator display shows specific operator messages on the upper 10-character line and the same transaction data as shown on the customer display on the lower 10-character line. Both displays are read from left to right.

Automatic Time Display

The current time is automatically displayed after 30 seconds of cash register inactivity when the control key is in the REG 1 or REG 2 position.

Date Display

You can display the date by simply pressing the [Qty/Date] key with the cash register in the REG 1 or REG 2 mode. Once the date is displayed, the time will be automatically redisplayed after 30 seconds of cash register inactivity.

Special Symbol Indicators

Special symbols appear at the far left-hand side of the displays during cash register operation. These symbols identify the amount shown, or warn of an error condition. They include:

- C (Change) Indicates that the displayed amount is the change due to the customer.
- E (Error) Indicates when an error is made during operation or when programming the cash register. An error tone sounds to alert the operator.
- S (Sub-total) Indicates that the amount shown is the subtotal of a transaction, including sales tax if applicable.
- = (Total) 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.
- Indicates when the journal paper is low.
- CA (Cash) Indicates when the total displayed refers to a sales transaction paid by cash.
- Ch (Check) Indicates when the total displayed refers to a sales transaction paid by check.
- Cr (Charge) Indicates when the total displayed refers to a sales transaction paid by charge.
- Displayed when the Euro key is pressed to indicate that the amount is displayed in the Euro currency.

These symbols clear automatically when you start the next entry or press the [Clear] key.

Positioning the Customer Display

To position the customer display, simply raise it out of its slot and then rotate it to the desired position.

Error Conditions

The Error Alarm

The error alarm warns of an operator error (usually when a wrong key is pressed for a specific type of entry) or of an error made during cash register programming. The error alarm can also indicate that the Control Lock is in the wrong position for the current operation. In case of error, the error tone sounds, the letter E is displayed on the customer display, the message ERROR is displayed on the operator display and the keypad locks.

Clearing an Error

Press the [Clear] key 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, perform a general clearance. Bear in mind, however, that **one of the two general clearance procedures, explained in the next section, will set all counters and totals to zero and will cancel all programmed functions.**

NOTE: The [Clear] key also clears an incorrect entry from the display prior to pressing a registration key. Once an entry is printed, the [Void] key must be used to correct an error.

General Clearance

If the cash register does not function, for example while programming and the error signal cannot be stopped by pressing the [Clear] key, perform a general clearance. There are two ways of performing a general clearance, **whereby the second method resets all totals and counters and cancels the programming. Use this method only as last resort.**

General Clearance without Clearing Totals and the Programming

1. Turn the Control Key to the OFF position.
2. **Make sure four charged AA batteries are inserted in the battery compartment.**
3. Unplug the cash register from the power socket.
4. Wait ten seconds and then reconnect the cash register to the power socket and resume your operation.

If the cash register remains in an error condition, proceed with the second general clearance method.

General Clearance with the Clearing of Totals and all Cash Register Programming

NOTE: Be careful that this procedure erases all totals and counters, and cancels the programming of the cash register.

1. Turn the control key to the OFF position.
2. Open the printer compartment cover and remove the back-up batteries.
3. Unplug the cash register from the power socket.
4. Wait for 15 minutes and then plug the cash register back to the electrical power outlet.
5. Insert the batteries once again.
6. Reprogram the cash register.

Voiding Errors

Once an entry is printed, the **[Clear]** key cannot be used to clear an error. Press the **[Void]** key to correct an error already registered.

Voiding the Entry Just Completed

Simply press the **[Void]** key. The entry is reprinted with a "-" symbol followed by the amount and erased from the transaction.

Voiding an Earlier Entry

To void an earlier entry, register it again and then cancel it using the **[Void]** key. When a transaction including the error is completed, proceed with the following steps to void the error.

1. Retype the incorrect information, exactly as originally entered, and press the **[Void]** key.
2. Enter the correct amount.
3. Total the transaction by pressing the **[Amt Tend/TOTAL]** key.

Back-up Battery System

During cash register operation, all transaction data for the management report is stored in the register's memory. This memory also holds all optional programming information. The memory back-up system keeps this information stored in memory when the cash register is turned off.

The memory is protected by four "AA" size batteries that come with your cash register. In order to guarantee continuous back-up protection, insert the batteries before beginning to program the cash register.

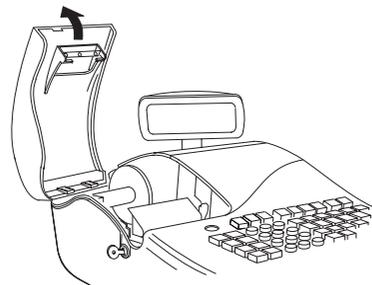
The cash register must be plugged into an electrical power outlet before you insert the batteries.

Inserting/Replacing Batteries

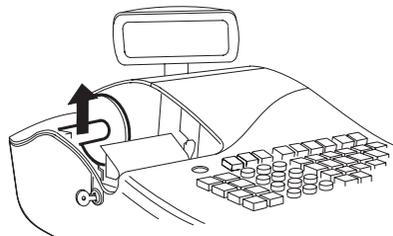
NOTE: Before inserting the batteries, make sure that the cash register is plugged into the power socket and that the control key is switched to the OFF position.

Proceed as follows to insert or replace the batteries:

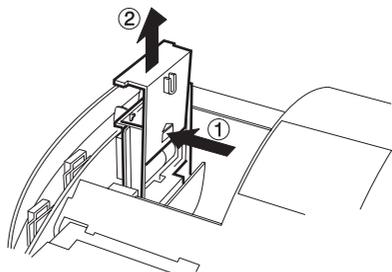
1. Unlock the printer compartment cover, grip the left side of the compartment cover, gently pull it back and then lift it off the cash register.



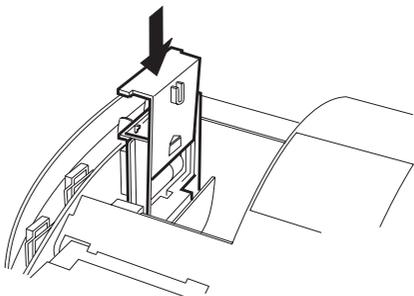
2. Lift the paper journal winder spindle out of the printer compartment.



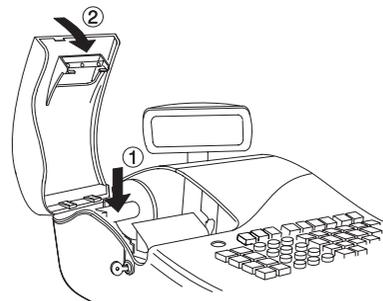
- Remove the battery compartment cover by pressing on the arrow impressed on the cover and lifting upwards, as shown by the arrows in the figure.



- Remove the discharged batteries if you are replacing the batteries.
- Position the new batteries making sure that the positive and negative poles are aligned correctly. Drawings inside the battery compartment show how the batteries must be positioned.
- Replace the battery compartment cover by sliding it down until it clicks into place.



- Reposition the journal winder spindle, then reposition, close and lock the printer compartment cover.



NOTE: If the cash register will not be used for an extended period of time, you may want to remove the back-up batteries to prolong their usage. **Doing this will erase all transaction and programming data stored.**

Printer Compartment

The printer compartment is on the top left-hand side of the cash register. It houses the paper tape, journal winder spindle, back-up batteries and the thermal printer.

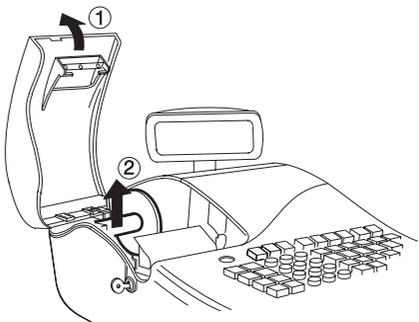
Paper Tape

This cash register uses 2 1/4" (57 mm) thermal paper paper. The paper needs to be changed when a red line appears on the tape.

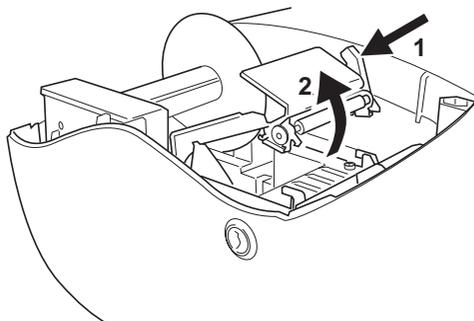
Loading Thermal Paper

Proceed as follows to load the cash register with thermal paper.

1. Make sure the cash register is plugged into a grounded power outlet and that the control key is in either one of the two REG positions.
2. Unlock and open the printer compartment, then remove the plastic journal winder spindle.

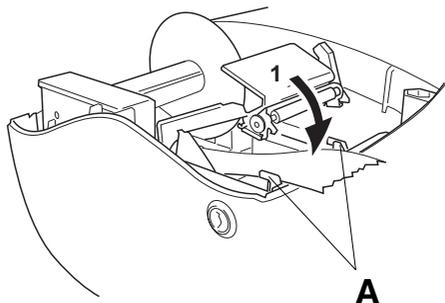


3. Push the plastic paper guide lever (1) to lift the paper guide assembly (2).



4. Set the paper roll in the bottom of the printer compartment so that the paper feeds out from the bottom of the roll.

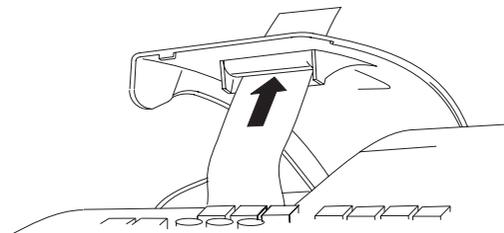
5. Pull the paper straight from the bottom of the compartment approximately 10-12 inches, making sure that it is positioned between guides (A) and then close the paper guide assembly so that it clamps the paper (1).



6. Replace the journal winder spindle in the printer compartment (the two wheels must be positioned towards the right-hand side).

NOTE: Press the **[Feed]** key to manually feed the paper a few inches to check that it feeds correctly. If the paper does not feed properly, check the alignment of the paper in the slot.

7. Pass the edge of the customer receipt through the receipt window on the compartment cover.



8. Reposition, close and lock the printer compartment cover. Press the **[Clear]** key to clear the display.

Quick Start

Quick Start is a brief but complete start-up procedure that allows you to begin using your new cash register as quickly as possible. Carefully follow the steps listed below:

1. Make sure the cash register is plugged into an electrical power outlet and that 4 charged AA size memory batteries have been inserted as explained in the related section.
2. Insert the PRG key into the Control Lock and turn it to the PRG position.
3. Set the current date in the day/month/year format by typing the corresponding numeric keys and then pressing **[/ST/NS]**. Single digits must be preceded by a zero. For example, to set January 12, 2001, type **[120101]** and then press the **[/ST/NS]** key to store your entry. The newly entered date is printed.

If you wish that the date just entered be printed and displayed in the month/day/year format, type **[40]** and then press the **[Void]** Key.
4. Set the current time using the 24-hour (military) format and then pressing **[Qty/Date]**. Also in this case single digits must be preceded by a zero. For example, to set 1:05 P.M., type **[1305]** and then press the **[Qty/Date]** to store your entry. To set 9:15 A.M., type **[0915]** and then press **[Qty/Date]**. The newly defined time is printed.

If you wish that the time just entered be printed and displayed in the 24-hour format, type **[180]** and then press the **[Void]** Key.
5. Set a machine number by entering a four digit number and then pressing **[+%/PO]**. For example, to set machine number 5, type **[0005]** and then press **[+%/PO]**. The newly assigned machine number is printed.

6. Set the first of up to four possible VAT rates. For example, to set a VAT1 rate of 16%, type **[1]** and then press the **[Tax Set]** key, type **[16000]** (three digits must be entered after the desired decimal point) and then confirm with the **[Amt Tend/TOTAL]** key. The VAT rate followed by T1 is printed.
7. Program department 1 as a standard sales department with VAT1, for multiple item sales and no HDLO. For example, to assign VAT1, multiple items sales, no HDLO and a price of £3.00 to standard Department 1, type **[00001]** and then press **[Subtotal w/Tax]**, type **[300]** and then press **[Department 1/9]**. Press the **[Clear]** key to clear the displays.
8. Change, if necessary, the language in which the cash register prints the customer receipt and journal record. The cash register is programmed to print the customer receipt and journal record in English. If you wish to reprogram the cash register to print in Spanish, French or German:
Type **[19]** followed by **[1]** and **[Void]** to print in Spanish, **[19]** followed by **[2]** and **[Void]** to print in French or **[19]** followed by **[3]** and **[Void]** to print in German.
To print in English again, type **[19]** followed by **[0]**.
9. When programming is complete, exit the program mode by turning the PRG key to the OFF position.
10. Practice normal sales transactions by switching the cash register into the Training Mode. This mode is very useful to new users as it allows them to simulate sales transactions without recording these trials in the X or Z management reports. More information on this mode is give in the section entitled Training Mode.

Once you have mastered the Quick Start operations, you will undoubtedly want to expand your use of the machine by studying other sections of this manual and incorporating new programming into your personalized cash management system. For example, other valuable functions include Percent Discount Rate, Percent Plus Rate, Price Look-Ups (PLUs), Euro Currency Conversions, and many more.

Helpful Hints for a Successful Start-Up

This cash register has up to 40 departments available. You may assign the taxable status to any other department by repeating the tax assignment procedure used for Department 1. For departments 21-40, press the **[Dept Shift]** key before the applicable department key. For example, to select Department 26 press **[Dept Shift]** followed by the **[Department 6/26]** key.

Training Mode

The optional training mode is designed to help you become better acquainted with the register mode and offers an ideal place for beginners to practice transaction examples. Once the training mode is activated, you cannot operate in the PRG, X or Z modes. The transactions made in the training mode are not recorded in the X or Z reports and are not summed to machine totals. Receipt numbers are not counted either; four asterisks (****) are printed instead of the consecutive receipt number.

Activating the Training Mode

Proceed as follows to switch the cash register into the training mode:

1. Turn the PRG control key to the PRG position.
2. Type **[666666]** and press the **[Amt Tend/TOTAL]** key. A dot indicating the Training Mode On condition is displayed on the left-hand side of the operator and customer displays.
3. Turn the key to the REG 1 or REG 2 position to perform normal cash register operations.

Exiting the Training Mode

Proceed as follows to exit the training mode and therefore re-enable the cash register to record all sales transactions in the X and Z management reports and in the machine totals.

1. Turn the PRG control key to the PRG position.
2. Type **[555555]** and press the **[Amt Tend/TOTAL]** key.
3. Turn the key to the desired operating position.

Cash Register Programming

This cash register can be programmed to tailor its features according to your specific needs. This programming facility allows you to:

- Define three-digit secret codes for each of the 26 programmable clerks
- Define clerk names
- Set a machine number
- Set the date and time
- Personalize customer receipt headers
- Set percent discount (-%) rates
- Set percent plus (+%) rates
- Define fraction rounding
- Define decimal point positions
- Define up to four VAT rates
- Define Price Look-Ups (PLUs) for individual items and enter an item description
- Define tax status and High Digit Lock Out to the minus key
- Define tax status, High Digit Lock Out, Single/Multiple item sale and relative price to a determined defined department
- Set an exchange rate for the Euro currency

- Personalize currency convert captions and credit captions on the receipts and reports
- Program time reports
- Program the different system options available
- Define manager passwords for the PRG, X and Z modes.

Set some of or all of the above features, depending on your business needs. These program settings will reside in the cash register's memory until you change them or deactivate the battery back-up system.

Setting Cash Register Features

All cash register features are programmed by first switching the cash register into the program (PRG) mode.

This chapter provides simple step-by-step procedures on how to program the cash register. An example is provided after each procedure. It is suggested that you first run through all the examples to become familiar with the cash register's programming facilities, then program the cash register according to your own specific needs.

NOTE: Program all the desired features at the same time in order to create a single receipt of all selections. Keep the receipt in a safe place for future reference.

Making Changes to Cash Register Programming

Once the cash register is programmed to satisfy your specific needs, there is no need to reprogram the entire machine to make single program changes or corrections. If you wish to make a change (such as an update to VAT rates, PLUs or Euro exchange rates), be sure you are in the program mode, re-do the program in question and finalize when you are ready to exit the programming mode. A new program entry will automatically overwrite a previous entry for the same program.

Entering the Program Mode

To enter into the program mode simply insert the PRG key into the Control Lock and turn it to the PRG position.

Exiting the Program Mode

Proceed as follows to exit the program mode once you have finished programming the cash register:

1. Print a Program Tape by pressing [999999] followed by the [Amt Tend/TOTAL] key, as explained in the section entitled Overall Programming Dump Report, for a printed report on how the cash register is currently programmed.
2. Store the program tape in a safe place for future reference.
3. Turn the PRG key to the REG position if you wish to carry out sales transactions, or to the OFF position if you wish to exit.

Clearing Errors

To clear an error made during the programming phase, simply press the [Clear] key. The error tone ends, the display clears and the keypad unlocks.

In case an error condition cannot be cleared, perform one of the two general clearance methods explained in the section entitled General Clearance. **Remember that the second general clearance sets all counters and totals to zero, and cancels all features programmed.**

Clerk Numbers, Secret Codes and Names

Clerk codes are a special security feature to control access to the register. You can program up to 26 individual clerk numbers linked to secret entry codes of three digits each. By enabling the Clerk System Active option as indicated in the Programming System Options section, the register assigns the default security [000] to all clerks. You can also assign a name to each of the 26 Clerks, which will be printed on the customer receipts, on the journal (if used) and on all management reports analysing the transactions of that specific Clerk.

Programming a Secret Code Linked to a Clerk Number

1. Insert the PRG key into the Control Lock and turn it to the PRG position.
2. Type [121] and then press the [Void] Key to activate the Clerk system.
3. Type [444444] and press the [Amt Tend/TOTAL] key. The symbol "C" is displayed on the left-hand of the displays and the message "CLERK PASS" is displayed on the upper row of the operator display.
4. Type a number to which the secret code will be linked.
5. Set a three-digit secret code by typing three [numeric keys].
6. Press the [Clerk] key.

Repeat the above operations (from step 4 to step 6) to assign a secret code to the remaining 25 Clerks or use the [Clear] key to exit from Clerk Secret Code programming.

If you wish to change the clerk's secret code and the Clerk system is already activated, there is no need to perform step 2 above.

Example: Assign secret code 106 to Clerk 1 for the first time.

Type/Press:

[121] + [Void] + [444444] + [Amt Tend/TOTAL] + [1106] + [Clerk]

Deactivating the Clerk System

Proceed as follows if for any reason you wish to deactivate the Clerk system, in other words if you no longer want to enter a clerk number and related secret code to perform sales transactions.

1. Insert the PRG key into the Control Lock and turn it to the PRG position.
2. Type [120] and then press the [Void] key.

Entering a Clerk Number/Secret Code Before Cash Register Operations

Proceed as follows to enter a defined Clerk number and secret code before using the cash register in REG 1/REG 2 operating mode.

1. Turn the Control Lock to the REG 1/REG 2 position.
2. Type a Clerk number [1, 2, ... or 26] and then press the [Clerk] key.
3. Type the corresponding three-digit code.
4. Press the [Check] key.

The clerk number appears on the left-hand side of the operator and customer displays and the message "CLERK 1" or the name of the clerk is displayed on the upper line of the operator display and is printed under the date on the customer receipt and journal.

Assigning Clerk Names

This cash register feature is useful for rapid identification of the different clerks which are enabled to use the cash register. You can program a clerk name or identifier of up to 24 characters long by using the Character Code Table provided in the Appendix of this manual or by using the alphanumeric keypad. The assigned Clerk name will be automatically printed on all receipts, journal records and management reports carried out with the associated clerk number and displayed on the upper row of the operator display. However, you can also program the cash register not to print the assigned Clerk name. Refer to the section entitled Programming System Options for more information.

Proceed as follows to define a clerk name using the Character Code Table:

1. Turn the PRG key to the PRG position.
2. Type the number of the Clerk whose name is to be defined.
3. Press the **[Return]** key. The letter "P" appears on the left-hand side of the operator and customer displays while the message "CLERK NAME" is displayed on the operator display.
4. With reference to the Character Code Table in the Appendix, type the string of character codes to define the letters of a name and then press the **[Check]** key. The name entered will be automatically printed.

Example: Program **Christina** as the name for Clerk number 1.

Type/Press:

1 + [Return] + [43 09 19 10 20 21 10 15 02] + [Check]

You can also define a clerk name by using the alphanumeric keypad. Proceed as follows to do so:

1. Turn the PRG key to the PRG position.
2. Type the number of the Clerk whose name is to be defined.
3. Press the **[Return]** key. The letter "P" appears on the left-hand side of the operator and customer display while the message "CLERK NAME" is displayed on the operator display.
4. Type the **[Dept]** key corresponding to the letter wanted. If the letter wanted is on the bottom half of the **[Dept]** key, press the **[Dept Shift]** key first then the related **[Dept]** key. After entering the letter string wanted, press the **[Check]** key.

Example: Program **Alex** as the name for Clerk number 2.

Type/Press:

2 + [Return] + [1/21 12/32 5/25] + [Dept Shift] + [4/24] + [Check]

Machine Numbers

The machine number is a four-digit number used to identify the cash register. The machine number is printed on all receipts, journal records and management report.

Proceed as follows to set a machine number:

1. Turn the PRG key to the PRG position.
2. Type the **[numeric keys]** corresponding to the machine number to be assigned (up to 4 digits, 0-9999).
3. Press the **[+%/PO]** key.

Example: Program machine number 1234.

Type/Press:

[1234] + [+%/PO]

Date and Time

Set the date option to print the current date at the top of each receipt, journal record or management report. The date will print in the day/month/year format unless otherwise programmed as explained in the section entitled Programming System Options. You can display the date by pressing the **[Qty/Date]** key when the cash register is in the REG mode.

Set the time option to print the current time at the bottom of the receipt. The time prints in the hour:minutes format. The time is automatically shown on both customer and operator displays after 30 seconds of cash register inactivity.

The date and time change automatically as long as the cash register is plugged into the wall outlet or the battery back-up system remains active.

Setting the Date

Proceed as follows to set the current date:

1. Turn the PRG key to the PRG position.
2. Type the **[numeric keys]** representing the current date. Remember to use the DDMMYY format. Single digit numbers for months and days must be preceded by a zero (0).
3. Press the **[/ST/NS]** key to store the date. The date entered is printed.
4. Press the **[Clear]** key to program another feature or exit the program mode by turning the PRG key to the OFF position.

Example: Set a date of January 12, 2001.

Type/Press:

[120101] + [#/ST/NS]

NOTE: If you wish that the date just entered be printed and displayed in the month/day/year format, type **[40]** and then press the **[Void]** Key. More information on how to change the cash register's basic programming is explained in the section Programming System Options.

Setting the Time

Proceed as follows to set the correct time in the hour:minutes format:

1. Turn the PRG key to the PRG position.
2. Type the **[current time]** using the HH:MM format.

NOTE: Time is set according to international, or military time (24-hour clock format). To correctly enter this time, simply add 12 to all hours in the PM. For example, to set the time to 9:00 AM, type **[0900]**; to set the time to 2:15 PM, type **[1415]**.

3. Press the **[Qty/Date]** key to store the entered time. The newly defined time is automatically printed.
4. Press the **[Clear]** key to program another feature or exit program mode by turning the PRG key to the OFF position.

Example: Set the time at 3:30 PM.

Type/Press:

[1530] + [Qty/Date]

NOTE: If you wish that the time just entered be printed and displayed in the 24-hour format, type **[180]** and then press the **[Void]** Key. More information on how to change the cash register's basic programming is explained in the section Programming System Options.

Receipt Header

Your cash register is programmed to print a courtesy header enclosed in a box delimited by asterisks, on all customer receipts when the control lock is in the REG 1, X and Z positions. With the control lock in the REG 2 and PRG positions, the header will not be printed.

NOTE: You can change the programmed language in which the cash register prints the header on the customer receipt and journal record. Turn to the section Programming System Options, Machine Condition 19, to see in which languages the cash register can print the receipt header.

The receipt header can consist of up to five lines of 24 characters each. You can change the cash register's default header according to your own business needs by using the alphanumeric keypad or the Character Code Table provided in the Appendix, to enter the characters for your new header.

Personalizing the Receipt Header

Proceed as follows to change the default receipt header:

1. Turn the PRG key to the PRG position.
2. Type **[3]** followed by the **[number]** of the line (n = 1....5) you wish to modify and then press the **[Return]** key. The letter "P" appears on the left-hand side of the displays and the message "LOGO LINE n" is displayed on the operator display where n is the number of the line to change.

- Using the cash register's alphanumeric keypad or the Character Code Table in the Appendix, type the character code string for the letters to be entered on this particular line selected. Remember that up to 24 characters can be entered. If you wish to center a writing, you will need to calculate the empty character spaces before and after your string and type the appropriate blank space code (00) in the corresponding places.
- Press the **[Check]** key again to store the newly defined header line. This new line is automatically printed.
- Repeat steps 3 and 4 if you wish to program the remaining three programmable header lines.

Example: Change the fourth line of the default header to *PLEASE COME AGAIN* with the appropriate spaces before and after to center this new string and using the Character Code Table provided in the Appendix.

Type/Press:

[3] + [4] + [Return] + [76 00 00] + [56 52 45 41 59 45 00] + [43 55 53 45 00] + [41 47 41 49 54] + [00 00 00 76] + [Check]

NOTE: If you wish to use the alphanumeric keypad to type the header PLEASE COME AGAIN, type **[00]** for the spaces and then press the Dept key corresponding to the letter wanted. If the letter wanted is on the bottom half of the key, firstly press the **[Dept Shift]** key and then the related **[Dept]** key. The asterisk can only be entered by typing its corresponding code (76) from the Character Code Table in the Appendix.

Percent Discount (-%)

Setting this option automatically calculates the preset rate each time the **[-%/RA]** key is pressed. The percentage rate can be discounted from an individual item or from a sales transaction total.

Setting a Percent Discount (-%) Rate

Proceed as follows to define a standard discount rate:

- Turn the PRG key to the PRG position.
- Type the **[numbers]** representing the desired percentage rate. Up to four digits ranging from 0 to 99.99 can be used, and you **MUST** enter a total of four digits, two before and two after the desired decimal place. For example, to enter 10%, type **[1000]**, to enter 6.5% type **[0650]**.
- Press the **[0]** key followed by the **[-%/RA]** key to store the rate. The programmed rate is printed with the caption "DISCOUNT".
- Press the **[Clear]** key to program another feature otherwise exit the program mode by turning the key to the OFF position.

Example: Program a standard 10% discount rate.

Type/Press:

[1000] + [0] + [-%/RA] + [Clear]

Percent Plus Rate (+%)

Setting this option automatically calculates the preset add-on rate each time the **[+%/PO]** key is pressed. This percentage rate can be added to an individual item or to a transaction total.

Setting a Percent Plus (+%) Rate

Proceed as follows to define a standard add-on rate:

- Turn the PRG key to the PRG position.
- Type the **[numbers]** representing the desired percentage rate. Up to four digits ranging from 0 to 99.99 can be used, and you **MUST** enter a total of four digits, two before and two after the desired decimal place. For example, to enter 10%, type **[1000]**, to enter 6.5% type **[0650]**.
- Press the **[0]** key followed by the **[+%/PO]** key to store the rate. The programmed rate is printed along with the caption "ADD ON".

4. Press the **[Clear]** key to program another feature otherwise exit the program mode by turning the PRG key to the OFF position.

Example: Program a standard 3% add-on rate.

Type/Press:

[0300] + [0] + [+%/PO] + [Clear]

Fraction Rounding

Fraction rounding is used to round figures with decimals up or down to the nearest whole numbers and is used for percent tax, percent discount and percent add-on calculations. Choose from the following three options to select the rounding as needed:

Rounding Code	Fraction Rounding
00	a fraction of a pence is rounded down one pence
50	a fraction under one half pence is rounded down one pence, a fraction above one half pence is rounded up one pence
99	a fraction of a pence is rounded up one pence

Setting the Rounding Code

Proceed as follows to program fraction rounding:

1. Turn the PRG key to the PRG position.
2. Type the **[rounding code]** and press the **[Charge]** key. The programmed rounding code is automatically printed along with the caption "CHARGE".
3. Press the **[Clear]** key to program another feature, otherwise exit the program mode by turning the PRG to the OFF position.

Example: Program the rounding code so that a fraction under one half pence is rounded down one pence, a fraction above one half pence is rounded up one pence up.

Type/Press:

[50] + [Charge] + [Clear]

Decimal Point Position

The decimal point setting is preset to the x.xx format. This format can be changed, as needed, to one of the other settings below.

Changing the Decimal Point Position

Proceed as follows to define a new position for the decimal point.

1. Turn the PRG key to the PRG position.
2. Type 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
3	x.xxx

3. Press the **[-%/RA]** key to set the new format. The setting made is automatically printed along with the caption "R-A-".
4. Press the **[Clear]** key to program another feature, otherwise exit the program mode by turning the PRG to the OFF position.

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

Type/Press:

[2] + [-%/RA] + [Clear]

Value Added Tax (VAT) Rates

Up to four VAT rates (VAT1, VAT2, VAT3 and VAT4) can be preset in the cash register. A maximum 5-digit VAT rate can be programmed (0-99.999%).

Setting a Fixed VAT Rate

Proceed as follows to program a fixed tax rate:

1. Turn the PRG key to the PRG position.
2. Type the **[numbers]** which represent the VAT (1 for VAT1, 2 for VAT2, 3 for VAT3 and 4 for VAT4).
3. Press the **[Tax Set]** key. The message "TAX n RATE" appears on the operator display where n is the number representing the VAT rate.
4. Type the VAT rate. Up to five digits can be used, and you **MUST** enter three digits after the desired decimal place. For example, to enter a 5.5% VAT rate, type **[5500]**; to enter a 16% VAT rate, type **[16000]**.
5. Press the **[Amt Tend/TOTAL]** key. The tax rate entered followed by its alphanumeric identifier (T1, T2, T3 or T4) is printed.

NOTE: If you make an error, press the **[Clear]** key and start again from step 3.

6. Press the **[Clear]** key to program another feature, otherwise exit the program mode by turning the PRG key to the OFF position.

Example: Set a VAT1 rate of 5.5%, VAT2 rate of 7%, VAT3 rate of 16% and a VAT4 rate of 20%.

Type/Press:

[1] + [Tax Set] + [5500] + [Amt Tend/TOTAL]
 [2] + [Tax Set] + [7000] + [Amt Tend/TOTAL]
 [3] + [Tax Set] + [16000] + [Amt Tend/TOTAL]
 [4] + [Tax Set] + [20000] + [Amt Tend/TOTAL]

High Digit Lock Out (HDLO) and Tax Status Assigned to the Minus Key (-)

You can limit the number of digits, i.e. the maximum value of a minus key operation, from 1 to 6 digits. This makes sure that minus key amounts do not exceed a maximum amount. You can also assign a VAT rate or a non tax status to the minus key.

Make your selections for this feature from the following options:

High Digit Lock Out	Taxation
0 = No HDLO	00 = Non taxable
1 = 1 digit (0.09)	01 = VAT1
2 = 2 digits (0.99)	02 = VAT2
3 = 3 digits (9.99)	03 = VAT3
4 = 4 digits (99.99)	04 = VAT4
5 = 5 digits (999.99)	
6 = 6 digits (9999.99)	

Programming the High Digit Lock Out and Tax Status

1. Turn the PRG key to the PRG position.
2. Type the HDLO code **[0-6]**.
3. Type the tax status code **[00-04]**.
4. Press the **[-]** key. A minus sign appears on the displays and the caption "COUPON" is printed on the receipt along with the programmed tax status.
5. Press the **[Clear]** key to program another feature, otherwise exit the program mode by turning the PRG key to the OFF position.

Example: Allocate a maximum of 5 digits and VAT 2 to the minus key.

Type/Press:

[5] + [02] + [-]

Tax Status, High Digit Lock Out, Single/Multiple Item Sale and Price Linked to a Department

You can assign the following to individual departments:

- A department status, consisting of:
 - Department definition, meaning a Standard department where ordinary items are sold or a Gallonage department where oil, liquids, etc. are sold at unit price per gallon, liter, etc.
 - Single item sale or multiple item sale capability whereby the department will ring up each item entered as a single item sale with exact change tender or as a multiple item sale.
 - A High Digit Lock Out code whereby you prohibit item entries for a certain number of digits and above.
 - A taxable or non-taxable status.
- The price which will ring up automatically every time the appropriate department key has been pressed. You can also skip this option, in which case the price has to be entered manually before pressing the department key.
- A maximum 12-character description of the item associated to the specific department key.

The 5-digit department status can be programmed using the following options:

Dept. Def.	Single/Multiple Item Sale	High Digit Lock Out	Tax Status
0 = Standard	0 = Normal sale	0 = No HDLO	00 = Non tax.
Dept.	1 = Single item cash sale	1 = 1 digit (0.09)	01 = VAT1
1 = Gallonage		2 = 2 digits (0.99)	02 = VAT2
Dept.		3 = 3 digits (9.99)	03 = VAT3
		4 = 4 digits (99.99)	04 = VAT4
		5 = 5 digits (999.99)	
		6 = 6 digits (9999.99)	

If Gallonage is selected as the department definition, during a sales transaction the three numbers entered after the decimal point will be rounded off according to the fraction rounding setting.

Linking an HDLO, Tax Status, Single/Multiple Item Sale, Item Price and Description to a Department

1. Turn the PRG key to the PRG position.
2. Type the **[Department definition]**, **[Single/Multiple Item Cash Sale]**, **[HDLO]** and **[Tax Status]** options by referring to the previous table.
3. Press the **[Subtotal w/Tax]** key to confirm your entry. The message "DEPT PRICE" appears on the operator display and the codes of the options programmed will be printed along with the caption "SUBTTL".
4. Type a **[price]** to assign to a specific item and then press the relative **[Department]** key. The message "DEP n NAME" appears on the operator display and the amount entered is printed along with the caption "DEPT n", where the n in both cases represents the department number.
5. With reference to the Character Code Table in the Appendix or by using the alphanumeric keypad, define the department descriptor (max 12 chars, spaces included).
6. Store the item descriptor entered by pressing the **[Check]** key.
7. Press the **[Clear]** key to program another feature, otherwise exit the program mode by turning the PRG key to the OFF position.

Example: Assign no HDLO, VAT1, multiple item sale, a price of £2.65 to an item in Standard Department 1 named Groceries defined using the Character Code Table.

Type/Press:

[0] + [0] + [0] + [01] + [Subtotal w/Tax] + [265] + [Department 1/21] + [47 58 55 43 45 58 49 45 59] + [Check]

NOTE: If you wish to rename the Groceries department back to DEPT 1, repeat the procedure and enter the character code string [44 45 56 60 00 31] (or type the related characters on the alphanumeric keypad).

Price Look-Ups (PLUs)

Price Look-Ups simplify cash register operations by automatically registering an individual item's price (up to 999 can be registered), maximum 12-character description (spaces included), department number, tax status and rate (if applicable). To look up individual item prices, simply type the item's corresponding PLU number [1] and press the [PLU] key.

Creating Price Look-Ups

Proceed as follows to create a price look-up:

1. Turn the PRG key to the PRG position.
2. Press the [Qty/Date] key. The message "PLU PRICE" appears on the operator display and the number 001 is displayed on the left-hand side of the displays to indicate the first PLU number. If you wish to change the PLU number from 001 to another number such as 30, type [030] and then press the [PLU] key.
3. Type the [unit price] that you wish to assign to that PLU.
4. Press the appropriate [Department] key to assign the PLU to a Department from 1 to 20. Use the [Dept Shift] key for departments from 21-40. The message "PLU NAME" is displayed while the PLU number, item price and department number are printed.
5. With reference to the Character Code Table in the Appendix or by using the alphanumeric keypad, define a maximum 10-character description to the PLU item. For example, the item Coffee will have the [43 55 46 46 45 45] character code string if the Character Code Table is used.
6. Press the [Check] key to store the PLU item description which is printed. The cash register automatically switches to the next PLU item number.

7. Press the [Qty/Date] key to program another feature, otherwise exit the program mode.

Example: Create PLU 1 with a unit price of £2.69 assigned to Department 1 and name this item Coffee by using the Character Code Table and then create PLU 320 with a unit price of £5.99 assigned to Department 33 and name this item Paperback by using the alphanumeric keypad.

Type/Press:

[Qty/Date] + [269] + [Department 1/21] + [43 55 46 46 45 45] + [Check] + [320] + [PLU] + [500] + [Dept Shift] + [Dept 13/33] + [Dept 16/36 Dept 1/21 Dept 16/36 Dept 5/25 Dept 18/38 Dept 2/22 Dept 1/21 Dept 3/23 Dept 11/31] + [Check] + [Qty/Date]

Euro Exchange Rate and Receipt Caption Programming

You can program the Euro exchange rate so that the cash register can automatically calculate the transaction from your local currency into the Euro currency and vice versa depending on the cash register's base currency (Local or Euro). The cash register is programmed by default so that your local currency is the base currency. If you wish to change the base currency to Euro, refer to the "Programming System Options" section in this manual, Machine Condition 31.

This cash register model also gives you the possibility of programming the receipt currency caption, from the default Local caption to, for example, your actual local currency descriptor (for example UK Pounds) or from the Euro caption to any other descriptor you wish. You can also change the convert total net sales caption on financial and management reports from the default CNV.NET to any other descriptor as required.

Programming the Euro Exchange Rate

Euro exchange rate programming consists of firstly defining the position of the decimal point of the Euro exchange rate (0-8 digits after the decimal point), the position for the decimal point of the changed amount which is also printed on the sales receipt (0-3 digits after the decimal point), and then the actual current exchange rate (up to 6 digits). To provide you with the Euro currency value, the cash register divides the local currency value by the exchange rate defined.

Proceed as follows to program or update the exchange rate of your local currency into Euro:

1. Turn the PRG key to the PRG position.
2. Type the **[decimal point position]** of the exchange rate (0-8 digits after the decimal point).
3. Type the **[decimal point position]** of the converted amount (0-3 digits after the decimal point).
4. Type the **[exchange rate]** using up to six digits without specifying any decimal point.
5. Press the **[Euro]** key to store the exchange rate. The rate entered is automatically printed along with the caption "EURO".

Example: Program an exchange rate of £ 0.63 to the Euro.

Type/Press:

[2] + [2] + [000063] + [Euro]

Changing the Convert Captions Printed on the Sales Receipt

By default the cash register prints one of two programmable convert captions to indicate a converted sales transaction total on the receipt; if the cash register is programmed with a Local base currency, the convert caption printed is "EURO" while if it is programmed with a Euro base currency, the convert caption printed is "LOCAL". If an exchange rate has been defined, the amounts indicated in both cases are the sales totals converted into the respective currency. If an exchange rate has not been defined, by default the cash register assumes a 1:1 conversion rate.

If you wish to avoid printing the Local or Euro converted sales total and just print the transaction total of the base currency, program the cash register to do so as indicated in the section entitled Programming System Options, Machine Condition 30.

If you have programmed the cash register for a Euro base currency, proceed as follows to change the LOCAL caption printed:

1. Turn the PRG key to the PRG position.
2. Type **[41]** and then press the **[Return]** key. The caption "LOCAL" appears on the operator display.
3. With reference to the Character Code Table in the Appendix or by using the alphanumeric keypad, define the new caption (max 10 characters, spaces included).
4. Press the **[Check]** key to confirm the new caption which is automatically printed.

Example: Change the caption LOCAL to UK POUNDS by using the alphanumeric keypad.

Type/Press:

[41] + [Return] + [Dept Shift] [Dept. 1/21] + [Dept. 11/31] + [00] + [Dept. 16/36] + [Dept. 15/35] + [Dept Shift] + [Dept. 1/21] + [Dept. 14/34] + [Dept. 4/24] + [Dept. 19/39] + [Check]

You can proceed in the same way the change the convert caption printed when the Local base currency is programmed. In this case the only difference is that you need to type **[42]** in step 2 and the caption "EURO" appears on the operator display; you can then program whatever caption you wish as long as it is up to 10 characters long.

Similarly, you can change the default Convert Total caption "CNV.NET" which indicates a net sales total as converted and which is printed on the financial and management reports. In this case proceed in the same way as explained above, the only difference being is that you need to type **[43]** in step 2 and the caption "CONV.NET" appears on the operator display.

Credit 1, Credit 2 Captions Programming

With reference to the Programming System Options section in this manual, you can set Machine Condition 16 so that the cash register reserves department 19 or 20, or both, for the registration of credits deriving from sales transactions. By means of this function, you can assign Credit 1 to the transactions paid with one type of credit card and Credit 2 to those paid with another. In this way you can sort the sales that have been paid with two different credit cards. The related Credit 1 (referring to the credits registered in Department 20) and Credit 2 (referring to the credits registered in Department 19) captions can be personalized according to your needs or according to the related credit card. Proceed as follows to do so:

1. Turn the PRG key to the PRG position.
2. Type **[5]** followed by the **[number]** of the credit (1 or 2) whose caption you wish to personalize.
3. Press the **[Return]** key. The message "CRED n NAME" is displayed where n represents the credit number.
4. Define a **[new caption]** of up to 12 characters by using either the Character Code Table found in the Appendix or by typing it directly on the alphanumeric keypad. Remember that you can use the **[Void]** key as backspace function during caption entry.
5. Press the **[Check]** key.

Programming System Options

Your cash register's system options programming feature includes 31 options for the operation of the cash register, receipt printing and management report printing. 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 any time, are indicated in bold print in the table below.

Machine Condition	Settings
1	0 = Grand Total will not reset after Z financial report 1 = Grand Total will reset after Z financial report
2	0 = Subtotal will print when the "#/ST/NS" key is pressed 1 = Subtotal will not print when the "#/ST/NS" key is pressed
3	0 = Amount tender is not compulsory 1 = Amount tender is compulsory
4	0 = Date setting in the "month - day - year" format 1 = Date setting in the "day - month - year" format
5	0 = Z1 and Z2 counter will not reset after a Z report 1 = Z1 and Z2 counter will reset after a Z report
6	0 = VAT amount is printed on the receipt 1 = VAT amount is not printed on the receipt
7	0 = Zero skip on financial report 1 = Non-skip on financial report
8	0 = Date will print 1 = Date will not print
9	0 = Time will print 1 = Time will not print

Machine Condition	Settings
10	0 = Consecutive # will print 1 = Consecutive # will not print
11	0 = Clerk name will print 1 = Clerk name will not print
12	0 = Clerk system inactive 1 = Clerk system active
13	0 = Reserved 1 = Reserved 2 = VAT calculation
14	0 = Z1/Z2 counter will print 1 = Z1/Z2 counter will not print
15	0 = VAT amount will be printed after tender amount (sales receipt) 1 = VAT amount will be printed before total amount (sales receipt)
16	0 = Normal Key Layout 1 = Dept20 used as Credit 1 2 = Dept19 used as Credit 2 3 = Dept20 used as Credit 1 and Dept19 as Credit 2
17	0 = Activate electronic journal function 1 = Deactivate electronic journal function
18	0 = 24HR indication 1 = 12HR indication
19	0 = Language selection - English 1 = Language selection - Spanish 2 = Language selection - French 3 = Language selection - German

Machine Condition	Settings
20	0 = Not mandatory to input clerk number at each transaction 1 = Clerk number must be entered at each transaction
23	0 = Addition and subtraction $\pm\%$ result to the department 1 = No addition nor subtraction $\pm\%$ result to the department
24	0 = VAT amounts are separately printed on receipt 1 = Only total VAT amount is printed on receipt
25	0 = Duplicate Z report active 1 = Duplicate Z report inactive
26	0 = Consecutive # reset after Z1 report 1 = Consecutive # not reset after Z1 report
27	0 = 0 price registration allowed 1 = 0 price registration not be allowed
28	0 = Euro convert function allowed 1 = Euro convert function not allowed
29	0 = VAT rate not printed on financial report in VAT mode 1 = VAT rate printed on financial report in VAT mode
30	0 = Prints converted total at convert tender 1 = Prints converted total at every tender
31	0 = Local base currency 1 = Euro base currency
32	0 = Only tender amount will be stored in the electronic journal 1 = Full receipt will be stored in the electronic journal

Changing the Cash Register's Standard Settings

Proceed as follows if you wish to change any of the standard machine settings indicated in the previous table:

1. Turn the PRG key to the PRG position.
2. Type the **[number]** of the machine condition (1-34 as indicated in the table) that you wish to alter. Machine conditions 21, 22, 33 and 34 are reserved and cannot be changed.
3. Type the **[number]** of the required setting.
4. Press the **[Void]** key. The message "VOID/CORR" is printed with setting you have just made.
5. Press the **[Clear]** key to program another feature, otherwise exit the program mode by turning the PRG key to OFF.

Example: Program the cash register so that the customer receipts and journal record are printed in German instead of in English.

Type/Press:

[19] + [3] + [Void]

PLU Programming Dump Report

If a large number of PLUs are created (bear in mind that up to 999 PLUs can be programmed), a separate receipt can be printed indicating all the PLUs programmed. Their number, associated price, VAT rate (if applicable), item descriptor and associated department are reported on this receipt, which should be kept in a safe place for future reference.

Printing an All PLU Dump Report

Proceed as follows to print a PLU report:

1. Turn the PRG key to the PRG position.
2. Press the **[PLU]** key to print the list.

3. Turn the PRG key to the OFF position to exit the program mode.

Shown below is an example PLU dump report.

Date	12-01-01	MC #:	1234	Machine number
	PLU NO.		001	
	GROCERIES		2.69T1	
	COFFEE			
	PLU NO.		002	
	GROCERIES		1.50T1	
	MIN. WATER			
	PLU NO.		003	
	CLOTHES		32.59T3	
	JEANS			
	PLU NO.		004	
	CLOTHES		15.00T3	
Allocated department without identifier	T-SHIRT			
	PLU NO.		005	PLU number
	CLOTHES		119.00T3	Item price and associated VAT
	SHOES			
	PLU NO.		006	
	COMPUTERS		60.00T2	
	WALKMAN			
	PLU NO.		007	
	DEPT 9		15.00	
	RED WINE			
	PLU NO.		010	
Allocated department	CAR OIL		1.500T1	
Item identifier	T.D. OIL			
	PLU NO.		012	
	DEPT 5		14.99T3	
	CD			
	PLU NO.		020	
	DEPT 15		0.70	
	SWEETS			
	PLU NO.		025	
	DEPT 5		24.99T3	
	DISKETTES			
	PLU NO.		320	
	BOOKS		5.99T4	
	PAPERBACK			
Time	AM11-09	0055		Consecutive receipt number

Printing a PLU Range Dump Report

Proceed as follows to print a PLU range dump report:

1. Turn the PRG key to the PRG position.
2. Define a **[Start PLU number]** from 001 to 999.
3. Define an **[End PLU number]** from 001 to 999.
4. Press the **[PLU]** key.
5. Turn the PRG key to the OFF position to exit the program mode.

NOTE: You can interrupt the PLU range dump report printing at any time by pressing the **[Feed]** key.

Example: Print a PLU range dump report from PLU number 002 to PLU number 020.

Type/Press:

[002] + [020] + [PLU]

Printing a Department Range Dump Report

Proceed as follows to print a department range dump report:

1. Turn the PRG key to the PRG position.
2. Press [88]
3. Define a **[start department number]** from 01 to 40.
4. Define an **[end department number]** from 01 to 40.
5. Press the **[Amt Tend/TOTAL]** key.
6. Turn the PRG key to the OFF position to exit the program mode.

Example: Print a department range dump report from Department number 01 to Department number 08.

Type/Press:

[8] + [8] + [01] + [08] + [Amt Tend/TOTAL]

Overall Programming Dump Report

After programming your cash register to best suit the needs of your business, you can print a tape record providing information on how the cash register is programmed.

Printing the Programming Dump Report

Proceed as follows to print the program tape:

1. Turn the PRG key to the PRG position.
2. Type **[999999]** and press the **[Amt Tend/TOTAL]** key.
3. Turn the PRG key to the OFF position to exit the program mode.

On the next page you will find an example of the cash register's overall programming dump report.

Shown below is an example printout of how your cash register is programmed.

Date	12-01-01	MC #:1234	Machine number
Name assigned to DEPT 1	GROCERIES	2.65T1	Price linked to DEPT 1 with VAT rate
		00001	
Name assigned to DEPT 2	COMPUTERS	24.99T2	Price linked to DEPT 2 with VAT rate
	CLOTHES	00002	
		5.99T3	VAT rate
	BOOKS	00003	Department status
		5.99T4	
		00004	
	DEPT 5	14.99T3	
		00003	
	CAR OIL	6.750T1	
		11501	
	DEPT 7	0.00	
		00000	
	DEPT 8	0.00	
		00000	
	DEPT 38	0.00	
		00000	
	DEPT 39	0.00	
		00000	
	DEPT 40	0.00	
		00000	
	COUPON	502-	HDLO, minus key
		5.500T1	
		7.000T2	VAT rate 1, 2, 3 and 4
		16.000T3	
		20.000T4	
Percent plus rate	DISCOUNT	10.00%-	Discount rate
	ADD ON CHARGE	3.00%+	Fraction rounding
		50	
Euro exchange rate	EURO	22000063	
	VOID/CORR	000100000	System options programming condition
		0120130100	
		000001001	
		0	
Time	AM11-05	0054	Consecutive receipt number

Programming Manager Passwords

You can define two individual manager passwords to prevent unauthorized access to the machine's programming mode (PRG), Z mode and X mode. One manager password grants access to the PRG and Z modes, while another grants access to the X mode.

Defining a PRG and Z Mode Manager Password

Proceed as follows to define a manager password that grants access to the PRG and Z modes:

1. Turn the PRG key to the PRG position.
2. Type [11111] and press the [Amt Tend/TOTAL] key. The message "PRG/Z PASS" appears on the operator display.
3. Type your 4-digit manager password and then press the [Non Tax] key. Remember that only digits are accepted.

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

Example: Define manager password 9876 for the PRG and Z modes.

Type/Press:

[11111] + [Amt Tend/TOTAL] + [9876] + [Non Tax]

Defining an X Mode Manager Password

Proceed as follows to define a manager password that grants access to the X mode:

1. Turn the PRG key to the PRG position.
2. Type [22222] and press the [Amt Tend/TOTAL] key. The message "X PASS" appears on the operator display.
3. Type your 4-digit manager password and then press the [Non Tax] key. Remember that only digits are accepted.

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

Example: Define manager password 7654 for the X mode.

Type/Press:

[222222] + [Amt Tend/TOTAL] + [7654] + [Non Tax]

Using the Cash Register in a Password Protected Mode

If a manager password was defined to protect unauthorized access to the PRG, Z and X machine modes, proceed as follows to enter the specific passwords so that you can work normally in these modes:

1. Turn the PRG key to the PRG, X or Z position.
2. Type the specific 4-digit password that grants you access to the required mode.
3. Press the **[Check]** key.

NOTE: If you attempt to use a protected machine mode without typing the correct password, the cash register emits an error signal and the message "SEC CODE" appears on the operator display.

Transaction Examples

This section provides examples on how to complete different types of transactions. Sample receipts are included which reflect some of the programming examples used in the chapter entitled Cash Register Programming.

Entering the Register Mode

The cash register has two register modes which can be used to record ordinary sales transactions. These two modes are called REG 1 and REG 2, where the only difference between the two is that in the REG 1 mode the cash register will automatically print the programmed header on all customer receipts and journal records, while in the REG 2 mode this header is not printed at all.

Proceed as follows to enter the register mode, assuming that you wish to have the cash register print the programmed header:

1. Insert the REG key into the Control Lock and turn it to the REG 1 position.
2. If the Clerk System option was set to active as explained in the section entitled Clerk Numbers, Secret Codes and Names, enter the related Clerk number assigned and its associated three-digit secret code. If the Clerk System option was set to active and a secret code was not programmed, type any Clerk number [1-26] and then press the [Clerk] key.

Exiting the Register Mode

To exit the register mode at the end of a transaction, simply turn the control key to the OFF position.

Clearing Errors

Detailed instructions on how to clear all kinds of errors which may occur during cash register operations are explained in the section entitled Error Conditions at the beginning of this manual.

Sample Receipt

The following sample receipt shows where general transaction information is printed on a customer receipt.

Standard Transactions in Local Base Currency

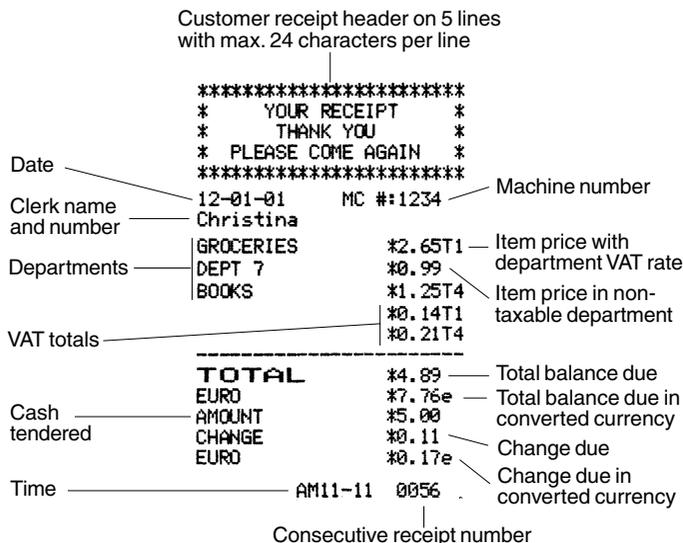
Registering a Single Item Sale with Change Tender

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

Example: Register a £1.00 item in Department 1 (programmed at a 5.5% fixed VAT rate). Subtotal the transaction and compute change for £5.00.

Proceed as follows:

1. Type **[100]** and press the **[Department 1/21]** key.
2. Type the amount tendered **[500]** and press the **[Amt Tend/TOTAL]** key. The transaction is ended and the change due to the customer is displayed.



```

*****
*   YOUR RECEIPT   *
*   THANK YOU     *
*   PLEASE COME AGAIN *
*****
12-01-01   MC #:1234
Christina
DEPT 1     *1.00T1
           *0.05T1
-----
TOTAL      *1.00
EURO       *1.59e
AMOUNT     *5.00
CHANGE     *4.00
EURO       *6.35e
AM 9-47   0003
    
```

Change on a cash tender

Change in converted currency (Euro)

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

Example: Register a £2.50 item to Department 1, a £.50 item to Department 5 and a £1.65 item to Department 8, with an exact tender of £4.65.

Proceed as follows:

1. Type [250] and press the [Department 1/21] key.
2. Type [50] and press the [Department 5/25] key.
3. Type [165] and press the [Department 8/28] key.
4. Press the [Subtotal w/Tax] key to display the current balance due.
5. Press the [Amt Tend/TOTAL] key to end the transaction.

```
*****
* YOUR RECEIPT *
* THANK YOU *
* PLEASE COME AGAIN *
*****
```

```
12-01-01 MC #:1234
Christina
DEPT 1 *2.50T1
DEPT 5 *0.50T3
DEPT 8 *1.65
          *0.13T1
          *0.07T3
```

```
-----
TOTAL *4.65
EURO *7.38e
CASH *4.65
```

AM 9-48 0005

Transaction total in local and converted currency

Exact cash tender in local currency

Registering a Multiple Item Sale with Exact Cash Tender in Euro

Example: Register a £10.00 item to Department 1, a £20.00 item to Department 2, with an exact tender of 47.62e.

Proceed as follows:

1. Type [1000] and press the [Department 1/21] key.
2. Type [2000] and press the [Department 2/22] key.
3. Press the [Subtotal w/Tax] key to display the current balance due in Local currency.
4. Press the [Euro] key to display the current balance due in Euro.
5. Press the [Amt Tend/TOTAL] key to end the transaction.

```
*****
* YOUR RECEIPT *
* THANK YOU *
* PLEASE COME AGAIN *
*****
```

```
12-01-01 MC #:1234
Christina
DEPT 1 *10.00T1
DEPT 2 *20.00T2
          *0.52T1
          *1.31T2
```

```
-----
TOTAL *30.00
EURO *47.62e
CASH *47.62e
```

AM 9-49 0007

Transaction total in local and converted currency

Exact cash tender in converted currency (Euro)

Registering a Sale of Multiple Items at Same Cost

Up to three 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.

Proceed as follows:

1. Type the number of items [2] and press the [Qty/Date] key.
2. Type their cost [150] and press the [Department 1/21] key.
3. Press the [Subtotal w/Tax] key to display the current balance due.
4. Type the amount tendered [500] and press the [Amt Tend/TOTAL] key. The transaction is ended and the change due to the customer is displayed.

```
*****
* YOUR RECEIPT *
* THANK YOU *
* PLEASE COME AGAIN *
*****
12-01-01 MC #:1234
Christina
                2x
                1.50e
DEPT 1          *3.00T1
                *0.16T1
-----
TOTAL          *3.00
EURO           *4.76e
AMOUNT        *5.00
CHANGE        *2.00
EURO          *3.17e
AM 9-50 0008
```

Number of items at same cost multiplied by unit price

Total cost with VAT rate

Registering a Multiple Department Sale with Payment and Change Tender

Example: Register a £69.99 item to Department 1 (programmed at a 5.5% VAT rate), a £5.99 item to Department 4 (programmed at a 20% VAT rate) and a £3.50 item to Department 7 (programmed without VAT). Compute change for £100.00.

Proceed as follows:

1. Type [6999] and press the [Department 1/21] key.
2. Type [599] and press the [Department 4/24] key.
3. Type [350] and press the [Department 7/27] key.
4. Press the [Subtotal w/Tax] key to display the current balance due.
5. Type the amount tendered [10000] and press the [Amt Tend/TOTAL] key. The transaction is ended and the change due to the customer is displayed.

```
*****
* YOUR RECEIPT *
* THANK YOU *
* PLEASE COME AGAIN *
*****
12-01-01 MC #:1234
Christina
DEPT 1          *69.99T1
DEPT 4          *5.99T4
DEPT 7          *3.50
                *3.65T1
                *1.00T4
-----
TOTAL          *79.48
EURO           *126.16e
AMOUNT        *100.00
CHANGE        *20.52
EURO          *32.57e
AM 9-51 0009
```

Cash payment

Change tendered

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

Example: Register a £69.99 item to Department 1 (programmed at a 5.5% VAT rate), a £5.99 item to Department 4 (programmed at a 20% VAT rate) and a £3.50 item to Department 7 (programmed without VAT). Compute change for 150.00e.

Proceed as follows:

1. Type [6999] and press the [Department 1/21] key.
2. Type [599] and press the [Department 4/24] key.
3. Type [350] and press the [Department 7/27] key.
4. Press the [Subtotal w/Tax] key to display the current balance due in Local currency.
5. Press the [Euro] key to display the current balance due in Euro.
6. Type the amount tendered in Euro [15000] and press the [Amt Tend/TOTAL] key. The transaction is ended and the change due to the customer is displayed.

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
```

```
12-01-01    MC #:1234
Christina
DEPT 1      *69.99T1
DEPT 4      *5.99T4
DEPT 7      *3.50
             *3.65T1
             *1.00T4
```

```
-----
TOTAL      *79.48
EURO       *126.16e
AMOUNT     *150.00e
CHANGE     *15.02
EURO       *23.84e
```

AM 9-52 0010

Cash payment in Euro
Change tendered in local currency

Registering a Charge Transaction

Charge transactions are counted and registered to the charge total in the financial report.

Example: Register a £2.50 item to Department 1 and a £3.00 item to Department 2 as a charge transaction. Use the [#ST/NS] key to print the sub total on the sales receipt.

Proceed as follows:

1. Type [250] and press the [Department 1/21] key.
2. Type [300] and press the [Department 2/22] key.
3. Press the [#ST/NS] key to print the current balance due.
4. Press the [Charge] key to end the transaction.

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
```

```
12-01-01    MC #:1234
Christina
DEPT 1      *2.50T1
DEPT 2      *3.00T2
-----
SUBTTL      *5.50
             *0.13T1
             *0.20T2
```

```
-----
TOTAL      *5.50
EURO       *8.73e
CHARGE     *5.50
```

Amount charged

AM 9-53 0011

Split Cash/Charge Tendering in Local Currency

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 in Local currency.

Proceed as follows:

1. Type [1000] and press the [Department 2/22] key.
2. Type [1500] and press the [Department 2/22] key.
3. Press the [Subtotal w/Tax] key to display the current balance due in Local currency.
4. Type the cash tendered [2000] and press the [Amt Tend/TOTAL] key. The remaining balance due (5.00) is displayed.
5. Press the [Charge] key to end the transaction.

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
12-01-01   MC #:1234
Christina
DEPT 2      *10.00T2
DEPT 2      *15.00T2
            *1.64T2
-----
TOTAL      *25.00
EURO       *39.68e
CASH       *20.00
CHARGE     *5.00
AM 9-57 0012
```

Sales total in local and converted currency

Cash payment
Charge payment

Split Cash/Charge Tendering in Euro

Example: Register a £8.00 item and a £12.00 item to Department 3. Split the amount tendered between 10.00e cash and 21.75e charge.

Proceed as follows:

1. Type [800] and press the [Department 3/23] key.
2. Type [1200] and press the [Department 3/23] key.
3. Press the [Subtotal w/Tax] key to display the current balance due in Local currency.
4. Press the [Euro] key to display the current balance due in Euro.
5. Type the cash tendered in euro [1000] and press the [Amt Tend/TOTAL] key. The remaining balance due in Local currency is displayed.
6. Press the [Euro] key again. The remaining balance due in Euro (21.75) is displayed.
7. Press the [Charge] key to end the transaction.

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
12-01-01   MC #:1234
Christina
DEPT 3      *8.00T3
DEPT 3      *12.00T3
            *2.76T3
-----
TOTAL      *20.00
EURO       *31.75e
CASH       *10.00e
CHARGE     *21.75e
AM 9-59 0013
```

Sales total in local and converted currency

Cash payment in Euro
Charge payment in Euro

Check Tendering

Example: Register a £70.00 item paid by check to Department 24.

Proceed as follows:

1. Type [7000] and press the [Dept Shift] and [Department 4/24] keys.
2. Press the [Check] key and the transaction ends successfully.

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
12-01-01    MC #:1234
Christina
DEPT 24          *70.00
-----
TOTAL          *70.00
EURO           *111.11e
CHECK          *70.00 ----- Check payment
AM 9-59 0014
```

Check Tender 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 24. Compute the change in Local currency for a £30.00 check tender.

Proceed as follows:

1. Type [1950] and press the [Department 4/24] key.
2. Type [250] and press the [Department 5/25] key.
3. Type [500] and press the [Dept Shift] and [Department 4/24] keys.
4. Press the [# / ST / NS] key to print the current balance due.
5. Type the amount paid by check [3000] and press the [Check] key. The change due to the customer is displayed and the transaction ends successfully.

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
12-01-01    MC #:1234
Christina
DEPT 4          *19.50T4
DEPT 5          *2.50T3
DEPT 24         *5.00
-----
SUBTTL         *27.00 ----- Transaction subtotal
                *0.34T3
                *3.25T4
-----
TOTAL          *27.00
EURO           *42.86e
CHECK          *30.00 ----- Check payment
CHANGE         *3.00 ----- Change tendered
EURO           *4.76e
AM10-00 0015
```

Check Tender in Euro 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 24. Compute the change in Local currency for a 40.00e check tender.

Proceed as follows:

1. Type [1950] and press the [Department 4/24] key.
2. Type [250] and press the [Department 5/25] key.
3. Type [500] and press the [Dept Shift] and [Department 4/24] keys.
4. Press the [#/ST/NS] key to print the current balance due in Local currency.
5. Press the [Euro] key to display the current balance due in Euro.
6. Type the amount tendered by check in Euro [4500] and press the [Check] key. The change due in local currency is displayed and the transaction ends successfully.

```

*****
*   YOUR RECEIPT   *
*   THANK YOU     *
*   PLEASE COME AGAIN *
*****
12-01-01   MC #:1234
Christina
DEPT 4           *19.50T4
DEPT 5           *2.50T3
DEPT 24          *5.00
-----
SUBTTL           *27.00
                  *0.34T3
                  *3.25T4
-----
TOTAL           *27.00
EURO            *42.86e
CHECK           *45.00e
CHANGE         *1.35
EURO            *2.14e
AM10-03   0017
    
```

Sales total in local and converted currency

Check payment in Euro

Change tendered in local currency

Split Check/Cash Tender in Local Currency

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.

Proceed as follows:

1. Type [2400] and press the [Department 1/21] key.
2. Type [3600] and press the [Department 3/23] key.
3. Type [400] and press the [Department 4/24] key.
4. Press the [Subtotal w/Tax] key to display the current balance due.
5. Type the amount to be tendered by check [6000] and then press the [Check] key. The remaining balance due is displayed.
6. Press the [Amt Tend/TOTAL] key when the corresponding cash is tendered. The transaction ends successfully.

```

*****
*   YOUR RECEIPT   *
*   THANK YOU     *
*   PLEASE COME AGAIN *
*****
12-01-01   MC #:1234
Christina
DEPT 1           *24.00T1
DEPT 3           *36.00T3
DEPT 4           *4.00T4
                  *1.25T1
                  *4.97T3
                  *0.67T4
-----
TOTAL           *64.00
EURO            *101.59e
CHECK           *60.00
CASH            *4.00
AM10-04   0018
    
```

VAT totals

Check payment

Cash payment

Split Check Tender in Local Currency/Cash Tender in Euro

Example: Register a £18.00 item to Department 2, a £24.00 item to Department 3 and a £2.50 item to Department 4. Split the tender between a £20.00 check and 38.89e cash.

Proceed as follows:

1. Type [1800] and press the [Department 2/22] key.
2. Type [2400] and press the [Department 3/23] key.
3. Type [250] and press the [Department 4/24] key.
4. Type the amount to be tendered by check in local [2000] and then press the [Check] key. The remaining balance due is displayed in Local currency.
5. Press the [Euro] key to display the remaining balance due in Euro.

6. Press the [Amt Tend/TOTAL] key when the corresponding cash is tendered in euro. The transaction ends successfully.

```

*****
*   YOUR RECEIPT   *
*   THANK YOU     *
*   PLEASE COME AGAIN *
*****
12-01-01    MC #:1234
Christina
DEPT 2      *18.00T2
DEPT 3      *24.00T3
DEPT 4      *2.50T4
              *1.18T2
              *3.31T3
              *0.42T4
-----
TOTAL       *44.50
EURO        *70.63e
CHECK       *20.00
CASH        *38.89e
AM10-04  0019
    
```

Check payment in local currency
 Cash payment in Euro

Examples of Transactions in Euro Base Currency

This section provides a few transaction examples performed with a Euro base currency. By default the machine is programmed with a Local base currency. In order to program the machine for a Euro base currency, set Machine Condition 31 to the value 1 as indicated in the section entitled "Changing the Cash Register's Standard Settings".

When the base currency is set to Local, the converted amount is in Euro while when the base currency is set to Euro, the converted amount is in Local.

Registering a Single Item Sale with Change Tender

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

Example: Register a 5.00e item in Department 3 (programmed at a 16% fixed VAT rate). Compute change for 10.00e.

Proceed as follows:

1. Type [500] and press the [Department 3/23] key.
2. Type the amount tendered [1000] and press the [Amt Tend/TOTAL] key. The transaction is ended and the change due to the customer is displayed.

```
*****
* YOUR RECEIPT *
* THANK YOU *
* PLEASE COME AGAIN *
*****
```

.....EURO.....

```
12-01-01    MC #:1234
ALEX
DEPT 3      *5.00T3
              *0.69T3
```

```
-----
TOTAL      *5.00e
LOCAL      *3.15
AMOUNT     *10.00e
CHANGE     *5.00e
LOCAL      *3.15
```

AM10-07 0020

Euro caption indicating machine is programmed in Euro base currency

Sales total in Euro and in converted local currency

Cash payment in Euro

Change tendered in Euro

Registering a Multiple Item Sale with Exact Cash Tender

Example: Register a 5.50e item to Department 1, a 1.00e item to Department 5 and a 2.00e item to Department 8, print the subtotal and accept an exact tender of 8.50e.

Proceed as follows:

1. Type [550] and press the [Department 1/21] key.
2. Type [100] and press the [Department 5/25] key.
3. Type [200] and press the [Department 8/28] key.
4. Press the [# /ST/NS] key to display and print the current balance due.
5. Press the [Amt Tend/TOTAL] key to end the transaction.

```
*****
* YOUR RECEIPT *
* THANK YOU *
* PLEASE COME AGAIN *
*****
```

.....EURO.....

```
12-01-01    MC #:1234
ALEX
DEPT 1      *5.50T1
DEPT 5      *1.00T3
DEPT 8      *2.00
```

Department sales

```
-----
SUBTTL      *8.50
              *0.29T1
              *0.14T3
```

```
-----
TOTAL      *8.50e
LOCAL      *5.36
CASH       *8.50e
```

Exact cash payment in Euro

AM10-08 0021

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

Example: Register a 70.00e item to Department 1 (programmed at a 5.5% VAT rate), a 6.00e item to Department 4 (programmed at a 20% VAT rate) and a 4.00e item to Department 7 (programmed without VAT). Compute change for a £100.00 tender.

Proceed as follows:

1. Type [7000] and press the [Department 1/21] key.
2. Type [600] and press the [Department 4/24] key.
3. Type [400] and press the [Department 7/27] key.
4. Press the [Subtotal w/Tax] key to display the current balance due in Euro.
5. Press the [Euro] key to display the current balance due in Local currency.

6. Type the amount tendered in Local [10000] and press the [Amt Tend/TOTAL] key. The transaction is ended and the change in Euro due to the customer is displayed.

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
```

.....EURO.....

```
12-01-01   MC #:1234
ALEX
DEPT 1           *70.00T1
DEPT 4           *6.00T4
DEPT 7           *4.00
                *3.65T1
                *1.00T4
```

```
-----
TOTAL           *80.00e
LOCAL           *50.40
AMOUNT          *100.00
CHANGE          *78.73e
LOCAL           *49.60
```

AM10-10 0022

Sales total in Euro and in converted local currency

Cash payment in local currency

Change tendered in Euro

Check Tender in Local Currency with Change in Euro

Example: Register a 19.50e item to Department 4, a 2.50e item to Department 5 and a 5.00e item to Department 24. Compute the change in Local currency for a £20.00 check tender.

Proceed as follows:

1. Type [1950] and press the [Department 4/24] key.
2. Type [250] and press the [Department 5/25] key.
3. Type [500] and press the [Dept Shift] and [Department 4/24] keys.
4. Press the [#/ST/NS] key to print the current balance due in Euro.
5. Press the [Euro] key to display the current balance due in Local currency.
6. Type the amount tendered by check in Local currency [2000] and press the [Check] key. The change due in Euro currency is displayed and the transaction ends successfully.

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
*   PLEASE COME AGAIN *
*****
.....EURO.....
12-01-01      MC #:1234
ALEX
DEPT 4          *19.50T4
DEPT 5          *2.50T3
DEPT 24         *5.00
-----
SUBTTL          *27.00
                *0.34T3
                *3.25T4
-----
TOTAL           *27.00e
LOCAL           *17.01
CHECK           *20.00
CHANGE          *4.75e
LOCAL           *2.99
AM10-11 0023
```

Check payment in local currency

Change tendered in Euro

Split Tender with Cash in Local Currency/Check in Euro with Change

Example: Register a 10.00e item to Department 1 and a 25.00e item to Department 2. Display the subtotal, accept a split tender consisting of £15.00 cash in Local currency and a 40.00e check in Euro, then tender change in Euro.

Proceed as follows:

1. Type [1000] and press the [Department 1/21] key.
2. Type [2500] and press the [Department 2/22] key.
3. Press the [Subtotal w/Tax] key to display the amount due in Euro.
4. Press the [Euro] key to display the current balance due in Local currency.
5. Type the amount tendered by cash in Local currency [1500] and press the [Amt Tend/TOTAL] key. The current balance due in Euro is displayed.

- Type [4000] and press the [Check] key. The change in Euro is displayed and the transaction ends successfully.

```
*****
* YOUR RECEIPT *
* THANK YOU *
* PLEASE COME AGAIN *
*****
.....EURO.....
12-01-01 MC #:1234
ALEX
DEPT 1 *10.00T1
DEPT 2 *25.00T2
      *0.52T1
      *1.64T2
-----
TOTAL *35.00e
LOCAL *22.05
CASH *15.00
CHECK *40.00e
CHANGE *28.81e
LOCAL *18.15
AM10-13 0024
```

Cash payment in local currency

Check payment in Euro

Change tendered in Euro

Minus (-) Key Transactions

Registering a (-) Reduction (Coupon)

Up to 6 digits can be used for the amount of the transaction.

Example: Register a £.10 reduction (coupon) on a £2.00 item to Department 2.

Proceed as follows:

- Type [200] followed by the [Department 2/22] key.
- Type the amount to be reduced [10] followed by the [-] key.
- End the transaction by pressing the [Amt Tend/TOTAL] key.

```
*****
* YOUR RECEIPT *
* THANK YOU *
* PLEASE COME AGAIN *
*****
12-01-01 MC #:1234
Christina
DEPT 2 *2.00T2
COUPON *-0.10
      *0.12T2
-----
TOTAL *1.90
EURO *3.02e
CASH *1.90
AM10-15 0025
```

Item price

Reduction using manual entry and minus key

Exact cash tender

Registering a Multiple (-) Reduction

Example: Register a £.12 reduction on a £2.50 item to Department 1, a £2.60 item to Department 3, a £.60 reduction on a £4.50 item to Department 21, a £.10 discount to a £3.00 multiple item sale to Department 5 and a £.1.00 reduction to a £5.00 item to Department 22. Compute change for a £30.00 tender.

Proceed as follows:

1. Type [250] and press the [Department 1/21] key.
2. Type the £.12 discount [12] and press the [-] key.
3. Type [260] and press the [Department 3/23] key.
4. Type [450] and press the [Dept Shift] and [Department 1/21] keys.
5. Type the £.60 discount [60] and press the [-] key.
6. Type the number of items of the multiple sale [3], press the [Qty/Date] key then enter the unit price [300] and press the [Department 5/25] key.
7. Type the number of items of the multiple sale to be discounted by pressing the [3] key followed by [Qty/Date] key and then type the £.10 discount [10] followed by the [-] key.
8. Type [500], press the [Dept. Shift] key followed by the [Department 2/22] key.
9. Type the £1.00 reduction [100] and press the [-] key.
10. Press the [Subtotal w/Tax] key to display the current balance due.

11. Type the amount tendered [3000] and press the [Amt Tend/TOTAL] key to display the change due to the customer and end the transaction.

```

*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
12-01-01    MC #:1234
Christina
DEPT 1      *2.50T1
COUPON      *-0.12
DEPT 3      *2.60T3
DEPT 21     *4.50
COUPON      *-0.60
           3x
           3.00@
DEPT 5      *9.00T3
           3x
           0.10@
COUPON      *-0.30
DEPT 22     *5.00
COUPON      *-1.00
           *0.13T1
           *-0.13T2
           *1.60T3
-----
TOTAL      *21.58
EURO       *34.25e
AMOUNT     *30.00
CHANGE     *8.42
EURO       *13.37e
AM10-16   0026
    
```

Item price entry
 Manual reduction entry
 Multiple item sale multiplied by unit price
 Resulting total
 Multiple item reduction
 Manual reduction entry
 Calculated VAT rates
 Cash tendered
 Change due
 Change converted into Euro

Percent Discount (-%) Transactions

Discounting the Total Sale

You can call up a programmed discount rate during the transaction by pressing the [-%/RA] key. If a percent discount rate is not programmed, type in the discount rate before pressing the [-%/RA] key. Up to four digits can be used for the discount percentage (0-99.99%). You **MUST** enter two digits after the decimal position.

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

Proceed as follows:

1. Type [250] and press the [Department 7/27] key.
2. Type [99] and press the [Department 3/23] key.
3. Press the [#/ST/NS] key to display and print the current balance due.
4. Press the [-%/RA] key to apply the programmed discount. The amount discounted is displayed.
5. Press the [Subtotal w/Tax] key to display the new balance due.

6. Type the amount tendered [500] and press the [Amt Tend/TOTAL] key. The change due to the customer is displayed and the transaction ends successfully.

```

*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
12-01-01    MC #:1234
Christina
DEPT 7          *2.50
DEPT 3          *0.99T3
-----
SUBTTL          *3.49
DISCOUNT      10.00%-
               * -0.35
               *0.12T3
-----
TOTAL           *3.14
EURO            *4.98e
AMOUNT          *5.00
CHANGE          *1.86
EURO            *2.95e
               AM10-18 0027
    
```

Transaction subtotal

Programmed discount rate

Discount

Transaction total

Cash tendered

Change due

Change converted into Euro

Discounting the Total Sale by Using a Random Discount Rate

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

Proceed as follows:

1. Type [259] and press the [Department 1/21] key.
2. Type [125] and press the [Department 2/22] key.
3. Press the [Subtotal w/Tax] key to display the current balance due.
4. Type the discount rate to apply [20] and press the [-%/RA] key. The amount discounted is displayed.
5. Press the [Subtotal w/Tax] key again to display the new balance due.
6. Type the amount tendered [500] and press the [Amt Tend/TOTAL] key. The change due to the customer is displayed and the transaction ends successfully.

```
*****
* YOUR RECEIPT *
* THANK YOU *
* PLEASE COME AGAIN *
*****
12-01-01 MC #:1234
Christina
DEPT 1 *2.59T1
DEPT 2 *1.25T2
-----
SUBTTL *3.84
DISCOUNT 20.00%-
*0.77
*0.11T1
*0.07T2
-----
TOTAL *3.07
EURO *4.87e
AMOUNT *5.00
CHANGE *1.93
EURO *3.06e
AM10-20 0028
```

Transaction subtotal

Manual discount entry

Discount

Transaction total in local currency and in Euro

Discounting (-%) Individual Items using the Programmed Discount Rate

Up to four digits can be used for the discount percentage (0-99.99). You **MUST** enter two digits after the decimal position.

Example: Register a programmed 10% discount on a £3.00 item to Department 5, and a £2.50 item to Department 4. Compute the change tender.

Proceed as follows:

1. Type [300] and press the [Department 5/25] key.
2. Press the [-%/RA] key to apply the programmed discount. The amount discounted is displayed.
3. Type [250] and press the [Department 4/24] key.
4. Press the [Subtotal w/Tax] key to display the current balance due.
5. Type the amount tendered [600] and press the [Amt Tend/TOTAL] key. The change due to the customer is displayed and the transaction ends successfully.

```
*****
* YOUR RECEIPT *
* THANK YOU *
* PLEASE COME AGAIN *
*****
12-01-01 MC #:1234
Christina
DEPT 5 *3.00T3
DISCOUNT 10.00%-
*-0.30
DEPT 4 *2.50T4
*0.37T3
*0.42T4
-----
TOTAL *5.20
EURO *8.25e
AMOUNT *6.00
CHANGE *0.80
EURO *1.27e
AM10-21 0029
```

Programmed discount rate

Discount

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 25 and apply a discount rate of 3% to a £5.00 item to Department 2. Compute change tender.

Proceed as follows:

1. Type **[250]** and press the **[Department 1/21]** key.
2. Type **[350]** and press the **[Dept Shift]** key followed by the **[Department 5/25]** key.
3. Press the **[-%/RA]** key to apply the programmed discount. The amount discounted is displayed.
4. Type **[500]** and press the **[Department 2/22]** key.
5. Type the discount rate **[3]** and press the **[-%/RA]** key. The amount discounted is displayed.
6. Press the **[Subtotal w/Tax]** key to display the current balance due.

7. Type the cash tendered **[1100]** and press the **[Amt Tend/TOTAL]** key. The change due to the customer is displayed and the transaction ends successfully.

```

*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
12-01-01   MC #:1234
Christina
DEPT 1           *2.50T1
DEPT 25          *3.50
DISCOUNT        10.00%-  Programmed discount rate
                 *-0.35
DEPT 2           *5.00T2
DISCOUNT        3.00%-  Random discount rate
                 *-0.15
                 *0.13T1
                 *0.32T2
-----
TOTAL            *10.50
EURO              *16.67e
AMOUNT           *11.00
CHANGE           *0.50
EURO              *0.79e
AM10-21   0030

```

Discounting (-%) One Item Using the Programmed Discount Rate

Up to four digits can be used for the discount percentage (0-99.99%). You **MUST** enter two digits after the decimal position.

Example: Register a programmed 10% discount to a £.99 cash transaction to Department 7.

Proceed as follows:

1. Type [99] and press the [Department 7/27] key.
2. Press the [-%/RA] key to apply the programmed discount. The amount discounted is displayed.
3. Press the [Subtotal w/Tax] key to display the current balance due.
4. Press the [Amt Tend/TOTAL] key to end the transaction with a correct cash tender.

```

*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
12-01-01    MC #1234
Christina
DEPT 7          *0.99
DISCOUNT      10.00%----- Programmed discount rate
                *0.10----- Discount
-----
TOTAL          *0.89
EURO           *1.41e
CASH           *0.89
                AM10-23 0031
    
```

Percent Plus (+%) Transactions

Applying the Programmed Percent Plus Rate to a Total Sale

You can call up a programmed percent plus rate during the transaction by pressing the [+%/PO] key. If a percent plus rate is not programmed, type in the discount rate before pressing the [+%/PO] key. Up to four digits can be used for the percent plus rate (0-99.99%). You **MUST** enter two digits after the decimal position.

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

Proceed as follows:

1. Type [250] and press the [Department 7/27] key.
2. Type [99] and press the [Department 3/23] key.
3. Press the [Subtotal w/Tax] key to display the current balance due.
4. Press the [+%/PO] key to apply the programmed add-on. The amount added on is displayed.
5. Press the [Subtotal w/Tax] key again to display the new balance due.

- Type the amount tendered [500] and press the [Amt Tend/TOTAL] key. The change due to the customer is displayed and the transaction ends successfully.

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
12-01-01   MC #:1234
Christina
DEPT 7           *2.50
DEPT 3           *0.99T3
-----
SUBTTL           *3.49
ADD ON           3.00%+
                *0.10
                *0.14T3
-----
TOTAL           *3.59
EURO             *5.70e
AMOUNT           *5.00
CHANGE           *1.41
EURO             *2.24e
                AM10-24 0032
```

Transaction subtotal
 Programmed percent plus rate
 Amount added on

Applying a Random Percent Plus Rate to a Total Sale

Example: Register a 20% percent plus rate to a sales transaction. Compute the change tender.

Proceed as follows:

- Type [259] and press the [Department 1/21] key.
- Type [125] and press the [Department 2/22] key.
- Press the [Subtotal w/Tax] key to display the current balance due.
- Type the percent plus rate to apply [20] and press the [+%/PO] key. The amount added on is displayed.
- Press the [Subtotal w/Tax] key again to display the new balance due.
- Type the amount tendered [500] and press the [Amt Tend/TOTAL] key. The change due to the customer is displayed and the transaction ends successfully.

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
12-01-01   MC #:1234
Christina
DEPT 1           *2.59T1
DEPT 2           *1.25T2
-----
SUBTTL           *3.84
ADD ON           20.00%+
                *0.77
                *0.16T1
                *0.10T2
-----
TOTAL           *4.61
EURO             *7.32e
AMOUNT           *5.00
CHANGE           *0.39
EURO             *0.62e
                AM10-25 0033
```

Transaction subtotal
 Random percent plus rate
 Amount added on

Adding a Percent Plus Rate to Individual Items Using the Programmed Rate

Up to four digits can be used for the percent plus rate (0-99.99%). You **MUST** enter two digits after the decimal position.

Example: Register a programmed 3% percent plus rate on a £3.00 item to Department 5, and a £2.50 item to Department 4. Compute the change tender.

Proceed as follows:

1. Type [300] and press the [Department 5/25] key.
2. Press the [+%/PO] key to apply the programmed percent plus rate. The amount added on is displayed.
3. Type [250] and press the [Department 4/24] key.
4. Press the [Subtotal w/Tax] key to display the current balance due.
5. Type the amount tendered [600] and press the [Amt Tend/TOTAL] key. The change due to the customer is displayed and the transaction ends successfully.

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
*   PLEASE COME AGAIN *
*****
```

```
12-01-01      MC #:1234
```

```
Christina
```

```
DEPT 5          *3.00T3
ADD ON          3.00%+
                *0.09
DEPT 4          *2.50T4
                *0.43T3
                *0.42T4
```

Programmed percent plus rate

Amount added on

```
-----
TOTAL          *5.59
EURO           *8.87e
AMOUNT        *6.00
CHANGE        *0.41
EURO          *0.65e
```

```
AM10-26  0034
```

Applying Programmed and Random Percent Plus Rates to Individual Items

Example: Register a £2.50 item to Department 1, apply the programmed percent plus rate to a £3.50 item to Department 25, and apply a random percent plus rate of 5% to a £5.00 item to Department 2. Compute change tender.

Proceed as follows:

1. Type [250] and press the [Department 1/21] key.
2. Type [350] and press the [Dept Shift] key followed by the [Department 5/25] key.
3. Press the [+%/PO] key to apply the programmed percent plus rate. The amount added on is displayed.
4. Type [500] and press the [Department 2/22] key.
5. Type the random percent plus rate [5] and press the [+%/PO] key. The amount added on is displayed.
6. Press the [Subtotal w/Tax] key to display the current balance due.

- Type the cash tendered [1200] and press the [Amt Tend/TOTAL] key. The change due to the customer is displayed and the transaction ends successfully.

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
12-01-01    MC #:1234
Christina
DEPT 1      *2.50T1
DEPT 25     *3.50
ADD ON      3.00%+ ——— Programmed percent
                        plus rate
                        *0.11
DEPT 2      *5.00T2
ADD ON      5.00%+ ——— Random percent
                        plus rate
                        *0.25
                        *0.13T1
                        *0.34T2
-----
TOTAL       *11.36
EURO        *18.03e
AMOUNT      *12.00
CHANGE      *0.64
EURO        *1.02e
AM10-27 0035
```

Adding the Programmed Percent Plus Rate (+%) to One Item

Up to four digits can be used for the percent plus rate (0-99.99%). You **MUST** enter two digits after the decimal position.

Example: Register a programmed 3% add-on to a £.99 cash transaction to Department 7.

Proceed as follows:

- Type [99] and press the [Department 7/27] key.
- Press the [+%/PO] key to apply the programmed percent plus rate. The amount added on is displayed.
- Press the [Subtotal w/Tax] key to display the current balance due.
- Press the [Amt Tend/TOTAL] key to end the transaction with a correct cash tender.

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
12-01-01    MC #:1234
ALEX
DEPT 7      *0.99
ADD ON      3.00%+
                        *0.03
-----
TOTAL       *1.02
EURO        *1.62e
CASH        *1.02
AM10-28 0036
```

PLU Codes

Registering a Sales Transaction Using Preset PLU Codes

In order to be able to use this feature, PLU codes must have been previously set. Turn to the section entitled Setting PLU Codes for information on how to define a PLU to an individual item.

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

Proceed as follows:

1. Type [1] followed by the [PLU] key.
2. Type [3] followed by [Qty/Date], then press [2] followed by the [PLU] key. The amount of the multiplication is displayed.
3. Press the [Subtotal w/Tax] key to display the current balance due.

4. Type the amount tendered [1000] and press the [Amt tend/TOTAL] key. The change due to the customer is displayed and the transaction is ended successfully.

* YOUR RECEIPT *		
* THANK YOU *		
* PLEASE COME AGAIN *		

12-01-01 MC #1234		
ALEX		
Programmed PLU identifier	COFFEE	\$2.69T1
		3x
	MIN. WATER	\$4.50T1
		\$0.37T1

	TOTAL	\$7.19
	EURO	\$11.41e
	AMOUNT	\$10.00
	CHANGE	\$2.81
	EURO	\$4.46e
		AM10-32 0037

Preset PLU price

Multiple sale with same preset PLU

Overwriting a Preset PLU Price

Example: Overwrite the preset PLU 1 with £2.00. Compute change for a £5.00 tender.

Proceed as follows:

1. Type the new price [200] and press the [PLU ALT] key.
2. Type [1] followed by the [PLU] key to define the PLU to be overwritten.
3. Press the [Subtotal w/Tax] key to display the current balance due.
4. Type the cash tendered [500] and press the [Amt Tend/TOTAL] key. The change due to the customer is displayed and the transaction ends successfully.

Overwritten PLU descriptor	<pre>***** * YOUR RECEIPT * * THANK YOU * * PLEASE COME AGAIN * ***** 12-01-01 MC #:1234 ALEX *PRICE* COFFEE *2.00T1 *0.10T1 ----- TOTAL *2.00 EURO *3.17e AMOUNT *5.00 CHANGE *3.00 EURO *4.76e AM10-34 0038</pre>	Entered PLU price (manual price entry)
-------------------------------	---	--

Voids and Refunds

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.

Proceed as follows:

1. Type [250] and press the [Department 2/22] key.
2. Press the [Void] key to void the entry made in the previous step. The amount voided is displayed and printed.
3. Type [300] and press the [Department 2/22] key.
4. Press the [Subtotal w/Tax] key to display the current balance due.
5. Press the [Amt Tend/TOTAL] key to end the transaction with an exact change tender.

<pre>***** * YOUR RECEIPT * * THANK YOU * * PLEASE COME AGAIN * ***** 12-01-01 MC #:1234 ALEX DEPT 2 *2.50T2 VOID/CORR DEPT 2 *-2.50T2 DEPT 2 *3.00T2 *0.20T2 ----- TOTAL *3.00 EURO *4.76e CASH *3.00 AM10-34 0039</pre>	Incorrect item price void Correct item price
--	---

Voiding a Previous Entry at the End of a Sale

Example: Register a £1.50 item to Department 1, a £2.59 item to Department 4, a £5.99 item to Department 3. Then void the £1.50 item erroneously made to Department 1 and replace it with a £1.00 entry to the same Department. Compute change for a cash tender.

Proceed as follows:

1. Type **[150]** and press the **[Department 1/21]** key.
2. Type **[259]** and press the **[Department 4/24]** key.
3. Type **[599]** and press the **[Department 3/23]** key.
4. Type **[150]**, press the **[Void]** key and then the **[Department 1/21]** key. The amount voided is displayed and printed.
5. Type **[100]** and press the **[Department 1/21]** key.
6. Press the **[Subtotal w/Tax]** key to display the current balance due.

7. Type the amount tendered **[1000]** and press the **[Amt Tend/TOTAL]** key. The change due to the customer is displayed and the transaction is ended successfully.

```

*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
12-01-01    MC #:1234
ALEX
DEPT 1          *1.50T1  ——— Incorrect price entry
DEPT 4          *2.59T4
DEPT 3          *5.99T3
VOID/CORR      —————
DEPT 1          *-1.50T1  ——— Incorrect item price void
DEPT 1          *1.00T1  ——— Correct item price entry
                *0.05T1
                *0.83T3
                *0.43T4
-----
TOTAL          *9.58
EURO           *15.21e
AMOUNT        *10.00
CHANGE        *0.42
EURO          *0.67e
                AM10-37 0040
    
```

Refunding a Single Item

Example: Refund a £1.00 item in Department 1.

Proceed as follows:

1. Press the **[Return]** key.
2. Type the amount to be refunded **[100]** and press the **[Department 1/21]** key. The amount refunded is displayed.
3. Press the **[Amt Tend/TOTAL]** key to successfully end the transaction.

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
12-01-01    MC #:1234
ALEX
REFUND-----
DEPT 1      *-1.00T1
            *-0.05T1
-----
TOTAL      *-1.00
EURO       *-1.59e
CASH       *-1.00
            AM10-37 0041
```

Single item returned and refunded

Total refunded in local currency and in Euro

Refunding Multiple Items

Example: Refund a £4.99 item to Department 4 and three £2.00 items to Department 8.

Proceed as follows:

1. Press the **[Return]** key.
2. Type **[499]** and press the **[Department 4/24]** key. The item's department number and amount refunded are displayed.
3. Press the **[Return]** key again.
4. Type the number of items to be refunded **[3]**, press the **[Qty/Date]** key, enter their unit price **[200]** and then press their department key **[Department 8/28]**. The Department number and the number of items refunded are displayed.
5. Press the **[Subtotal w/Tax]** key to display the total amount to be refunded.
6. Press the **[Amt Tend/TOTAL]** key to successfully end the transaction.

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
12-01-01    MC #:1234
ALEX
REFUND-----
DEPT 4      *-4.99T4
            3x
            2.0000
-----
REFUND-----
DEPT 8      *-6.00
            *-0.83T4
-----
TOTAL      *-10.99
EURO       *-17.44e
CASH       *-10.99
            AM10-38 0042
```

Single item refund

Multiple item refund

Total refund

Other Transactions

Registering Money Received on Account

Example: Register £10.00 received on account.

Proceed as follows:

1. Type **[1000]** and then press the **[-%/RA]** key.

The cash drawer will automatically open to indicate the end of the transaction.

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
12-01-01    MC #:1234
ALEX
RECD ACCT      *10.00 ——— Amount received
EURO          *15.87e  on account
                AM10-38 0043
```

Paying Money Out

Example: Pay out £2.50.

Proceed as follows:

1. Type the amount to be paid out **[250]** and then press the **[+%/PO]** key.

The cash drawer will automatically open to indicate the end of the transaction.

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
12-01-01    MC #:1234
ALEX
PAID OUT      *2.50 ——— Amount paid out
EURO          *3.97e
                AM10-38 0044
```

Overwriting a Preset VAT Rate on a Department Sale

The [Non Tax] key overwrites a preset VAT rate linked to a department.

Example: Register a £1.15 item to Department 1, with a preset 5.5% VAT rate, then register a non-taxable £2.50 item to the same Department. Compute the change for a £5.00 cash tender.

Proceed as follows:

1. Type [115] and press the [Department 1/21] key.
2. Press the [Non Tax] key.
3. Type [250] and press the [Department 1/21] key.
4. Press the [Subtotal w/Tax] key to display the current balance due.
5. Type [500] and press the [Amt Tend/TOTAL] key. The change due to the customer is displayed and the transaction ends successfully.

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
12-01-01    MC #:1234
ALEX
DEPT 1      *1.15T1
DEPT 1      *2.50
            *0.06T1
-----
TOTAL      *3.65
EURO        *5.79e
AMOUNT      *5.00
CHANGE      *1.35
EURO        *2.14e
AM10-39   0045
```

Department programmed with VAT rate 1

Same department with no VAT applied

Overwriting the VAT Calculation at the End of a Sale

The [Non Tax] key can also be used to overwrite the final VAT calculation at the end of a sale.

Example: Register a £2.00 item to Department 1 with a preset 5.5% VAT rate, then register a £2.50 item to Department 2 with a preset 7% VAT rate. Over-ride the VAT calculation and compute the change for a £5.00 cash tender.

Proceed as follows:

1. Type [200] and press the [Department 1/21] key.
2. Type [250] and press the [Department 2/22] key.
3. Press the [Non Tax] key.
4. Type [500] and press the [Amt Tend/TOTAL] key. The change due to the customer is displayed and the transaction ends successfully.

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
12-01-01    MC #:1234
ALEX
DEPT 1      *2.00T1
DEPT 2      *2.50T2
-----
TOTAL      *4.50
EURO        *7.14e
AMOUNT      *5.00
CHANGE      *0.50
EURO        *0.79e
AM10-39   0046
```

Departments with VAT status

No VAT calculation

Credit Tenders

With reference to the Programming System Options section in this manual, you can set Machine Condition 16 so that the cash register reserves departments 19, 20, or both, for the registration of credits deriving from a sales transaction. In this way you can sort the sales that have been paid with two different credit cards.

Prerequisite to the example shown below is having appropriately setting the Machine Condition indicated above as explained in the section entitled Changing the Cash Register's Standard Settings.

Example: Register a £5.00 item to Department 4 and a £1.00 item to Department 5. Assign the resulting credit to Department 20.

Proceed as follows:

1. Type [500] and press the [Department 4/24] key.
2. Type [100] and press the [Department 5/25] key.
3. Press the [Department 20/40] key. The cash register registers the transaction to Department 20 and the transaction ends successfully.

```

*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
12-01-01      MC #:1234
ALEX
DEPT 4          $5.00T4
DEPT 5          $1.00T3
                $0.14T3
                $0.83T4
-----
TOTAL         $6.00
EURO            $9.52e
CREDIT-1       $6.00
AM10-45  0048
    
```

Sales total in local currency and in Euro

Total credit assigned

Registering Sales to the Gallonage Department

The prerequisite to the example below is the definition of a determined department as Gallonage as explained in the section Linking an HDLO, Tax Status, Single/Multiple Item Sale, Item Price and Description to a Department, in this manual. In the Gallonage department, liquids, oils, etc., are sold at a unit price per gallon or liter.

A department defined for gallonage alone will round-off at three digits after the decimal point according to the High Digit Lock Out setting.

Example: Register the sale of 2 gallons of motor oil at a unit price of £10.00 per gallon to Department 6, which was the department preset for Gallonage products.

Proceed as follows:

1. Type [2] and press the [Qty/Date] key.
2. Type [10000] and press the [Department 6/26] key.

```

*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
12-01-01      MC #:1234
Christina
                2x | Multiple item sale with
                10.0000 | same price per gallon
CAR OIL        $20.00T1
                $1.04T1
-----
TOTAL         $20.00
EURO            $31.75e
CASH            $20.00
AM11-12  0057
    
```

Sales total

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 3456 to a £1.00 sale to Department 4. Enter an exact cash tender sale.

Proceed as follows:

1. Type [3456] and press the [#/ST/NS] key.
2. Type [100] and press the [Department 4/24] key.
3. Press the [Amt Tend/TOTAL] key for an exact cash tender sale.

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
12-01-01      MC #:1234
ALEX
```

3456# — Transaction number

```
DEPT 4      *1.00T4
            *0.17T4
```

```
-----
TOTAL      *1.00
EURO       *1.59e
CASH       *1.00
```

AM10-46 0049

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.

Proceed as follows:

1. Press the [#/ST/NS] key.

```
*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
12-01-01      MC #:1234
ALEX
NO SALE
AM10-46 0050
```

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 and Z position on the control lock.

X and Z Reports

Turning the PRG, REG or Z key to the X position prints the accumulated transaction information and RETAINS ALL TOTALS IN MEMORY. Use this report mode to print periodic reading of the transactions performed. X reports include the Cash-In-Drawer, PLU Report, Time Report and X1 and X2 Financial Reports.

Turning the PRG or Z key to the Z position prints the same information as the X reports. The only difference between the two types of report is, however, that after a Z report printout **ALL TRANSACTION TOTALS ARE RESET TO ZERO**, except for the grand total unless otherwise programmed in the system options programming mode. Z1 and Z2 Financial Reports are provided.

An **X1 Report** can be printed at any time of the day. This report gives you all the sales transaction totals made before the report is issued. The Grand Total value at the bottom of this report shows the total sales up to the previous day, if a Z1 report was previously taken (this GT does not, however, include the current day's totals).

A **Z1 Report** gives the same information as an X1 Report but then resets the transaction totals to zero once printed. It is usually taken at the end of the day so that all the transaction totals are cleared to start from zero the following day. After a Z1 Report, the transaction totals are transferred to the Grand Total (GT) value of the X1 Report. Only when a Z1 Report is taken are the transaction totals transferred to the Z2 or X2 reports.

A **Z2 Report** is also called a period-to-date financial report which also clears the transaction totals from memory once issued.

This report is usually taken at the end of the month, for example, if a monthly sales report is desired to check the activities of each single department.

An **X2 Report** gives the same period-to-date financial report as a Z2 Report but does not reset the totals to zero. This report can be taken at any time.

Cash-In-Drawer Report

The cash-in-drawer report tells you how much cash is in the cash drawer.

Proceed as follows to print a cash-in-drawer report:

1. Turn the control key to the X position.
2. Type the manager password if it has been defined.
3. Press the [Qty/Date] key.

```
*****
*   YOUR RECEIPT   *
*   THANK YOU      *
* PLEASE COME AGAIN *
*****
12-01-01      MC #:1234
C-I-D        *485.99
              AM10-47 0051
```

Acronym for
Cash In Drawer

Total cash in drawer
in local currency

Time Report

The time report provides the net total sales performed by the cash register on an hourly basis.

Proceed as follows to print the time report:

1. Turn the control key to the X or Z position (bear in mind that a Z time report printout will reset the totals to zero).
2. Type the manager password if it has been defined.
3. Type **[11]** and press the **[Amt Tend/TOTAL]** key.

	* YOUR RECEIPT *		
	* THANK YOU *		
	* PLEASE COME AGAIN *		

	12-01-01 MC #:1234		
	TIME	X	X report identifier
	00:00		
	0003	*30.00	
	01:00		
	0000	*0.00	
	<hr/>		
Time	16:00		
	0000	*0.00	
	17:00		
	0000	*0.00	
	18:00		
	0000	*0.00	
	19:00		
Activity counter	0012	*197.79	Net sales total at 7:00 PM
	20:00		
	0021	*289.49	Net sales total at 8:00 PM
	21:00		
	0026	*790.22	
	22:00		
	0013	*569.48	
	23:00		
	0000	*0.00	
Time of receipt printout	PM 1-03	0068	Receipt number

Clerk Report

The Clerk Report lists the number of transactions and sales totals for each Clerk. At the end of the receipt you are given the sales total of all clerks.

Proceed as follows to print a Clerk Report:

1. Turn the control key to the X or Z position (bear in mind that a Z Clerk Report resets all totals).
2. Type the manager password if it has been defined.
3. Press the **[Clerk]** key.

	* YOUR RECEIPT *		
	* THANK YOU *		
	* PLEASE COME AGAIN *		

	12-01-01 MC #:1234		
Clerk name	CLERK	X	X report identifier
	Christina		
	0069	*2757.79	Sales total of clerk Christina
	ALEX		
Activity counter	0034	*661.84	
	CLERK 3		
	0004	*27.73	Sales total of clerk 3
	CLERK 4		
	0000	*0.00	
	CLERK 5		
	0000	*0.00	
	<hr/>		
	CLERK 22		
	0000	*0.00	
	CLERK 23		
	0000	*0.00	
	CLERK 24		
	0000	*0.00	
	CLERK 25		
	0000	*0.00	
	CLERK 26		
	0000	*0.00	
	TOTAL	*3447.36	Sales total of all clerks
	PM 1-04	0069	

All PLU Report

The All PLU Report lists all transaction information pertaining to the use of the PLU codes by all the Clerks on a particular cash register. This report provides the number of times a particular PLU is used and the totals for that number.

Proceed as follows to print a PLU Report.

1. Turn the control key to the X or Z position (bear in mind that a Z PLU Report resets all PLU totals to zero).
2. Type the manager password if it has been defined.
3. Press the [PLU] key.

```

*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
12-01-01  MC #:1234
PLU      X
          0006
COFFEE   $19.69
          0006
MIN.WATER $45.00
          0002
JEANS    $12.00
          0004
T*SHIRT  $300.00
          0007
SHOES    $119.00
          0003
WALKMAN  $45.00
          0002
RED WINE $3.40
TOTAL    $544.09
          PM 1-17 0073
    
```

X report identifier

Programmed PLU identifier

Number of items sold for PLU min water

PLU min water sales total

All PLUs sales total

PLU Range Report

The PLU Range Report lists the transaction information pertaining to a defined range of PLUs. It provides the same information as an All PLU Report, the only difference being that you can define the start PLU and end PLU numbers.

Proceed as follows to print an example PLU Report from PLU 001 to PLU 006.

1. Turn the control key to the X position.
2. Type the manager password if it has been defined.
3. Type [001] to define the start PLU and then type [006] to define the end PLU.
4. Press the [PLU] key.

```

*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
12-01-01  MC #:1234
PLU      X
          0006
COFFEE   $19.69
          0006
MIN.WATER $45.00
          0002
JEANS    $12.00
          PM 1-18 0074
    
```

Department Range Report

The Department Range Report lists the transaction information pertaining to a defined range of departments. It provides the total sales transactions performed by the departments within the defined range.

Proceed as follows to print an example Department Range Report starting with Department 01 and ending with Department 06.

1. Turn the control key to the X position.
2. Type the manager password if it has been defined.
3. Type **[01]** to define the start department followed by **[06]** to define the end department.
4. Press the **[Amt Tend/TOTAL]** key.

```

*****
*   YOUR RECEIPT   *
*   THANK YOU     *
* PLEASE COME AGAIN *
*****
12-01-01    MC #:1234
                0033
Start department — DEPT 1      *394.50T1
                0015
                DEPT 2      *118.60T2
                0012
                DEPT 3      *203.57T3
                0017
                DEPT 4      *106.83T4
                0014
End department — DEPT 5      *225.79T3
                0004
CAR OIL      *40.00T1
DEPTTL      *1089.29 ——— Department range
                        sales totals
                PM 1-19 0075
    
```

Z1 and X1 Financial Report

The Z1 and X1 financial report gives the totals of all the transactions performed by the cash register. The only difference between a Z1 and X1 report is that the Z1 report resets all totals to zero, and therefore can be used as an end-of-day report.

Proceed as follows to print a Z1 or X1 financial report:

1. Turn the control key to the Z or X position (bearing in mind that a Z printout resets all totals to zero).
2. Enter the manager password if it has been defined.
3. Press the **[Amt Tend/TOTAL]** key.

A sample Z1 financial report printout is provided in the next section.

Sample Z1 or X1 Financial Report

Shown on the next page is an example Z1 financial report. Printing a Z1 report resets all totals to zero.

Z2 and X2 Financial Report

A Z2 or X2 period-to-date financial report provides the transaction totals for all 40 departments available, along with the relative VAT totals. Both reports are the same, the only difference being that a Z2 report resets all totals to zero. Can be taken as monthly sales reports to view end-of-month sales totals for each department.

Proceed as follows to print a Z2 or X2 financial report.

1. Turn the control key to the Z or X position (remember that a Z financial report printout resets all totals to zero).
2. Type the manager password if it has been defined.
3. Type [99] and press the [Amt Tend/TOTAL] key.

An example Z2 financial report is provided on the next page.

	* YOUR RECEIPT *	
	* THANK YOU *	Machine number
	* PLEASE COME AGAIN *	

Date	12-01-01	MC #:1234
Z1 report ident.	Z 1	0002
	0033	Department 1
	DEPT 1	*394.50T1
	0015	Activity counter
	DEPT 2	*118.60T2
	0012	Department 1
	DEPT 3	*203.57T3
	0017	sales total
	DEPT 4	*106.83T4
	0014	
	DEPT 5	*225.79T3
	0004	
Gallonge Department	CAR OIL	*40.00T1
	0008	Gallonge Department
	DEPT 7	*18.90
	0001	sales total
	DEPT 8	*-2.35
	0001	
	DEPT 21	*4.50
	0001	
	DEPT 22	*5.00
	0004	
	DEPT 24	*35.00
	0002	Sales total of all
	DEPT 25	*6.76
	DEPTTL	*1207.10
	TAX 1	*22.40
	TAX 2	*7.47
	TAX 3	*56.02
	TAX 4	*17.83
	COUPON	*-2.22
	DISCOUNT	*-2.02%
	ADD ON	*1.35%
	NET	*1204.63
	CONV. NET	*1651.15e
Refund counter	REFUND	*-11.99
	0005	Refund total
Void counter	VOID/CORR	*-4.00
	0002	Void total
Cash sales counter	GROSS	*1224.86
	0049	Gross sales total
Check sales counter	CASH	*871.00
	0008	Cash sales total
Charge sales counter	CHECK	*303.81
	0003	Check sales total
Credit-1 sales counter	CHARGE	*23.74
	0001	Charge sales total
Received on account counter	CREDIT-1	*6.00
	0001	Credit 1 sales total
Paid out counter	RECD ACCT	*10.00
	0003	Received on account total
No sale counter	PAID OUT	*-7.50
	NO SALE	*840.76
	C-I-D	*3477.36*
	IST	
Time	PM 1-20	0076

	* YOUR RECEIPT *	
	* THANK YOU *	Machine number
	* PLEASE COME AGAIN *	

Date	12-01-01	MC #:1234
Z2 report ident.	0002	Z2 counter
	0003	Department 1 activity counter
DEPT 1	*394.50T1	Department 1 sales total
DEPT 2	0015	
DEPT 3	*118.60T2	
DEPT 4	0012	
DEPT 5	*203.57T3	
	0017	
	*106.83T4	
	0014	
	*225.79T3	
Gallonge Department	0004	Gallonge Department sales total
	CAR OIL	
	*40.00T1	
	0008	
DEPT 7	*18.90	
DEPT 8	*-2.35	
	0001	
DEPT 21	*4.50	
DEPT 22	0001	
	*5.00	
	0004	
DEPT 24	*85.00	Sales total of all departments
	0002	
DEPT 25	*6.76	
DEPTTL	*1207.10	Total amount VAT 1, 2, 3 and 4
TAX 1	*22.40	
TAX 2	*7.47	
TAX 3	*56.02	Coupon discount total
TAX 4	*17.83	
COUPON	*-2.22	Total programmed discount
DISCOUNT	*-2.02%	Total programmed percent plus
ADD ON	*1.35%	
NET	*1204.63	Net sales total in base currency
CONJ. NET	*1651.15e	Conversion currency net sales total
Refund counter	0005	Refund total
	REFUND	
	*-11.99	
Void counter	0002	Void total
	VOID/CORR	
	*-4.00	
Cash sales counter	GROSS	Gross sales total
	*1224.86	
Check sales counter	CASH	Cash sales total
	*671.00	
Charge sales counter	CHECK	Check sales total
	*303.81	
Credit-1 sales counter	CHARGE	Charge sales total
	*23.74	
Credit-1 sales counter	CREDIT-1	Credit 1 sales total
	*6.00	
Received on account counter	RECD ACCT	Received on account total
	*10.00	
Paid out counter	PAID OUT	Paid out total
	*-7.50	
No sale counter	NO SALE	Cash in drawer total
	*840.76	
	CASH	Grand total
	3477.36	
Time	PM 1-22 0001	Receipt number

Duplicate Z Report

In case the paper runs out or a paper jam occurs during the printing of a Z report, you can print the entire report again from the beginning by following this procedure:

1. Turn the control key to the Z position.
2. Type the manager password if it has been defined.
3. Press [#]/ST/NS followed by the [Amt Tend/TOTAL] key.

Balancing Formulas

The following examples show how totals are calculated for the management reports:

System Balance

(+)	Department 1
(+)	Department 2
(+)	Department 3
:	:
(+)	Department 39
(+)	Department 40
<hr/>	
(=)	Department Total

System option 23=0	
(+)	Department Total
(-)	Minus Total
(-)	Sales -% Total
(+)	Sales +% Total
<hr/>	
(=)	Net Sales

System option 23=1	
(+) Department Total	
(-) Minus Total	
(-) -% Total	
(+) +% Total	
<hr/>	
(=) Net Sales	
(+) Net sales	
(+) Minus Total	
(+) -% Total	
(+) Return Total	
(=) Void Total	
<hr/>	
(=) Gross Sales	
(+) Net Sales	
(+) Previous Grand Total	
<hr/>	
(=) Ending Grand Total	

Media Balance

(+) Net Sales	
(-) Check	
(-) Charge	
(-) Credit 1	
(-) Credit 2	
(+) Received on Account	
(-) Paid Out	
(-) Payment Out	
<hr/>	
(=) Cash in Drawer	

Appendix

Character Code Table

The Character Code Table shown below indicates all the codes representing the characters which your cash register is capable of printing. You need to use this table when programming Clerk, item, department names, currency descriptors or the header on the customer receipt. Each character code consists of two numbers.

To use this table, first look for the character wanted and then identify its corresponding code by reading the number on the first number column to the left-hand side, identified by 1, and then the second number in the first number row on the top of the table, identified by 2.

For example, the letter R has a character code of 58, the number 5 has a character code of 35 while the Dollar sign has a character code of 72.

Shown below is your cash register's Character Code Table.

		2									
		0	1	2	3	4	5	6	7	8	9
1	0		DW	a	b	c	d	e	f	g	h
	1	i	j	k	l	m	n	o	p	q	r
	2	s	t	u	v	w	x	y	z	?	!
	3	0	1	2	3	4	5	6	7	8	9
	4	@	A	B	C	D	E	F	G	H	I
	5	J	K	L	M	N	O	P	Q	R	S
	6	T	U	V	W	X	Y	Z	/	:	#
	7	&	%	\$,	()	*	+	-	.	
	8	ı	ı	á	é	İ	ó	ú	;	>	'
	9	”	<	=	Ä	Ü	Ö	İ	ü	Ñ	ñ

DW : Select double width characters.

Caption Table

The Caption Table shown on the next pages indicates the information which is printed on the customer receipt and journal record, in the different languages available.

ENGLISH			
#	DESCRIPTOR	DIGITS	NOTE
1	COUPON _ _ _ _	10	Sales Receipt
2	DISCOUNT _ _ _ _	10	Sales Receipt
3	ADD_ON _ _ _ _	10	Sales Receipt
4	CHARGE _ _ _ _	10	Sales Receipt
5	VOID/CORR _ _	10	Sales Receipt
6	SUBTTL _ _ _ _	10	Sales Receipt (SUBTOTAL)
7	CHANGE _ _ _ _	10	Sales Receipt
8	CASH _ _ _ _ _	10	Sales Receipt
9	*PRICE* _ _ _	10	Sales Receipt
10	AMOUNT _ _ _ _	10	Sales Receipt
11	CHECK _ _ _ _	10	Sales Receipt
12		T1 2	Sales Receipt / TAX Symbol
13		T2 2	Sales Receipt / TAX Symbol
14		T3 2	Sales Receipt / TAX Symbol
15		T4 2	Sales Receipt / TAX Symbol
16	REFUND-----	24	Sales Receipt
17	TOTAL	10	Sales Receipt
18	PAID_OUT _ _	10	Receipt
19	RECD_ACCT _	10	Receipt
20	NO_SALE _ _ _	10	Receipt
21	COUPON	10	Program Print
22	DISCOUNT _ _	10	Program Print
23	ADD_ON _ _ _ _	10	Program Print
24	CHARGE _ _ _ _	10	Program Print
25	R-A- _ _ _ _ _	10	Program Print
26	P-O- _ _ _ _ _	10	Program Print

#	DESCRIPTOR	DIGITS	NOTE
27	VOID/CORR _	10	Program Print
28	SUBTTL _ _ _ _	10	Program Print
29	PLU_NO. _ _ _	10	Program Print
30		T1 2	Program Print / TAX Symbol
31		T2 10	Program Print / TAX Symbol
32		T3 10	Program Print / TAX Symbol
33		T4 10	Program Print / TAX Symbol
34	COUPON _ _ _ _	10	Financial Report
35	DISCOUNT _ _	10	Financial Report
36	ADD_ON _ _ _ _	10	Financial Report
37	CHARGE _ _ _ _	10	Financial Report
38	VOID/CORR _	10	Financial Report
39	RECD_ACCT _	10	Financial Report
40	PAID_OUT _ _	10	Financial Report
41	NO_SALE _ _ _	10	Financial Report
42	CHECK _ _ _ _	10	Financial Report
43	DEPTTL _ _ _ _	10	Financial Report
44	REFUND _ _ _ _	10	Financial Report
45	TAX_1 _ _ _ _	10	Financial Report
46	TAX_2 _ _ _ _	10	Financial Report
47	TAX_3 _ _ _ _	10	Financial Report
48	TAX_4 _ _ _ _	10	Financial Report
49	NET _ _ _ _	10	Financial Report
50	GROSS	10	Financial Report
51	G T _ _ _ _	8	Financial Report (GRAND TOTAL)
52	C - I - D	10	Financial Report
53	CASH _ _ _ _	10	Financial Report
54		T1 2	Financial Report / TAX Symbol

#	DESCRIPTOR	DIGITS	NOTE
55		T2 2	Financial Report / TAX Symbol
56		T3 2	Financial Report / TAX Symbol
57		T4 2	Financial Report / TAX Symbol
58		TX 2	Financial Report (CANADIAN TAX) / TAX Symbol
59	TOTAL	10	PLU Report
60	PLU _ _ _ _	10	PLU Report
61	TOTAL	10	Clerk Report
62	CLERK _ _ _ _	10	Clerk Report
63	C - I - D _ _	10	Cash in drawer Report
64	NET _ _ _ _	10	Monthly Report
65	GROSS	10	Monthly Report
66	T 1 _ _ _ _	10	Monthly Report
67	T 2 _ _ _ _	10	Monthly Report
68	T 3 _ _ _ _	10	Monthly Report
69	T 4 _ _ _ _	10	Monthly Report
70	MC #:	5	Machine Number
71	*****	24	Store Header 1st line (Programmable)
72	* YOUR RECEIPT *	24	Store Header 2nd line (Programmable)
73	* THANK YOU *	24	Store Header 3rd line (Programmable)
74	*****	24	Store Header 4th line (Programmable)
75	DEPT _ _ _ _	10	Department, All Receipt (Programmable)
76	CLERK _ _ _ _	24	Clerk Name (Programmable)
77	TIME _ _ _ _	10	Time Report (Programmable)
78	CREDIT-1 _ _ _ _	12	Credit-1 Caption (Programmable)
79	CREDIT-2 _ _ _ _	12	Credit-2 Caption (Programmable)
80	PLU_No _ _ _ _	10	PLU Caption (Programmable)

* "-" Indicates blank spaces

#	SPANISH	FRENCH	GERMAN
1	COUPON_ _ _ _ _	COUPON_ _ _ _ _	MINUS_ _ _ _ _
2	DESCUENTO	REMISE_ _ _ _ _	RABATT_ _ _ _ _
3	INCREMENTO	MAJORATION	AUFSCHLAG_
4	CARGO_ _ _ _ _	C-CREDIT_ _	KREDIT_ _ _ _ _
5	ANUL/CORRC	CORRECTION	STORNO_ _ _ _ _
6	SUBTOTAL_ _	SOUS-TOTAL	ZWSUMME_ _
7	CAMBIO_ _ _	RENDU_ _ _ _ _	RUCKGELD_ _
8	METALICO_ _	ESPECES_ _ _	BAR_ _ _ _ _
9	"PRECIO"_ _	PRIX_ _ _ _ _	PREIS_ _ _ _ _
10	CANTIDAD_ _	MONTANT_ _ _	BETRAG_ _ _ _ _
11	CHEQUE_ _ _ _ _	CHEQUE_ _ _ _ _	SCHECK_ _ _ _ _
12	T1	T1	S1
13	T2	T2	S2
14	T3	T3	S3
15	T4	T4	S4
16	REEMBOLSO-----	RETOUR-----	RUCKZAHLUNG-----
17	TOTAL	TOTAL	GESAMT_ _ _ _ _
18	SALIDAS_ _ _	SORTIE_ _ _ _ _	AUSZAHLUNG
19	CUENTA_ _ _ _ _	ENTREE_ _ _ _ _	EINZAHLUNG
20	NO_VENTA	NON-VENTE_	NULL_BON_ _
21	CUPON_ _ _ _ _	COUPON_ _ _ _ _	MINUS_ _ _ _ _
22	DESCUENTO_	REMISE_ _ _ _ _	RABATT_ _ _ _ _
23	INCREMENTO	MAJORATION	AUFSCHLAG_
24	CARGO_ _ _ _ _	C-CREDIT_ _	KREDIT_ _ _ _ _
25	CUENTA_ _ _ _ _	ENTREE_ _ _ _ _	EINZAHLUNG
26	SALIDAS_ _ _	SORTIE_ _ _ _ _	AUSZAHLUNG
27	ANUL/CORRC	CORRECTION	STORNO_ _ _ _ _
28	SUBTOTAL_ _	SOUS-TOTAL	ZWSUMME_ _

#	SPANISH	FRENCH	GERMAN
29	PLU_NO_ _ _ _ _	PLU-NO_ _ _ _ _	PLU-NR_ _ _ _ _
30	T1	T1	S1
31	T2	T2	S2
32	T3	T3	S3
33	T4	T4	S4
34	TL-CUPON_ _	TL-COUPON_ _	MINUS_ _ _ _ _
35	DESCUENTO_	TL-REMISE_	RABATT_ _ _ _ _
36	TL-INCREM_	TL_MAJOR_ _	AUFSCHLAG_
37	CARGO_ _ _ _ _	TL-C-DRED_	KREBIT_ _ _ _ _
38	ANUL/CORRC	TL-CORREC_	STORNO_ _ _ _ _
39	CUENTA_ _ _ _ _	TL-ENTREE_	EINZAHLUNG
40	SALIDAS_ _ _	TL-SORTIE_	AUSZAHLUNG
41	NO_VENTA_ _	TL-NON-VTE	NULL-BON_ _
42	CHEQUE_ _ _ _ _	TL-CHEQUE_	SCHECK_ _ _ _ _
43	TOTAL_DPTO	TL-DEPART_	WG_TOTAL_ _
44	REEMBOLSO_	TL-RETOUR_	RUCKZAHLUNG_ _
45	T 1_ _ _ _ _	TL-TVA1	T 1_ _ _ _ _
46	T 2_ _ _ _ _	TL-TVA2	T 2_ _ _ _ _
47	T 3_ _ _ _ _	TL-TVA3	T 3_ _ _ _ _
48	T 4_ _ _ _ _	TL-TVA4	T 4_ _ _ _ _
49	N E T O_ _	TL-NET_ _ _ _ _	N E T T O
50	B R U T O	TL-BRUT	BRUTTO_ _ _ _ _
51	GRAN_TOTAL_ _	G T_ _ _ _ _	G T_ _ _ _ _
52	METAL_CAJA	NET-TIROIR	G - I - S
53	METALICO_ _	TOT-ESPECE	BARGELD_ _ _
54	T1	T1	S1
55	T2	T2	S2
56	T3	T3	S3

#	SPANISH	FRENCH	GERMAN
57	T4	T4	S4
58	TX	TX	TX
59	TOTAL	TL-PLU_____	GESAMT_____
60	PLU_____	PLU_____	PLU_____
61	TOTAL	TL-VENDEUR	GESAMT_____
62	DEPENDIEN_	VENDEUR_	KASSIERER____
63	METAL_CAJA	NET-TIROIR	G - I - S
64	NETO__	TL-NET_	NETTO
65	BRUTO	TL-BRUT_____	BRUTTO_____
66	T1_____	TL-TVA1_____	T1_____
67	T2_____	TL-TVA2_____	T2_____
68	T3_____	TL-TVA3_____	T3_____
69	T4_____	TL-TVA4_____	T4_____
70	MC#	CR-NO	MC#
71	*****	*****	*****
72	*****SU RECIBO*****	*****VOUS REMERCIE****	***IHRE RECHNUNG***
73	*****GRACIAS*****	*DE VOTRE CONFIANCE*	*****VIELEN DANK*****
74	*****	*****	*****
75	DPTO_____	DEPT_____	WARENGRP____
76	DEPENDIENTE_____	VENDEUR_____	KASSIERER_____
77	HORA_____	HEURE_____	ZEIT_____
78	CRED-1____	CART_CRED_1	KRED-1
79	CRED-2____	CART_CRED_2	KRED-2
80	PLU_No_____	ARTICLE_____	ARTIKEL_____

* "-" Indicates blank spaces

Totalizers and Counters Table

The table below indicates the Z1/X1 and Z2/X2 totalizers and counters for the different cash register features.

	Z 1 / X 1		Z 2 / X 2	
	TOTALIZERS	COUNTERS	TOTALIZERS	COUNTERS
Department 1-40	10 (digits) X 40	4 (digits) X 40	10 (digits) X 40	4 (digits) X 40
Clerk 1-26	10 X 26	4 X 26	-	-
TAX amount	10 X 4	-	10 X 4	-
Minus	10 X 1	-	10 X 1	-
-%	10 X 1	-	10 X 1	-
+%	10 X 1	-	10 X 1	-
Return	10 X 1	4 X 1	10 X 1	4 X 1
Void	10 X 1	4 X 1	10 X 1	4 X 1
Received account	10 X 1	4 X 1	10 X 1	4 X 1
Paid out	10 X 1	4 X 1	10 X 1	4 X 1
Cash	10 X 1	4 X 1	10 X 1	4 X 1
Charge	10 X 1	4 X 1	10 X 1	4 X 1
Check	10 X 1	4 X 1	10 X 1	4 X 1
Cash in drawer	10 X 1	-	10 X 1	-
NO sale	-	4 X 1	-	4 X 1
Grand Total	12 X 1	-	-	-
Net sales	10 X 1	-	10 X 1	-
Convert net sales	10 X 1	-	10 X 1	-
Gross sales	10 X 1	-	10 X 1	-
PLU	10 X 999	4 X 999	-	-
Z1 Counter	-	4 X 1	-	-
Z2 Counter	-	-	-	4 X 1
Time sales	4 X 24	4 X 24	-	-

Electronic Journal

This section of the Appendix explains the electronic journal feature of this cash register model. The electronic journal stores the transaction data and can be printed at any time.

Printing the Electronic Journal Contents

You can print the contents of this journal at any time, as follows:

1. Turn the control key to the Z or X position (bearing in mind that a Z printout resets all totals to zero).
2. Type **[96]** and then press the **[Amt Tend/TOTAL]** key.

NOTE: You can interrupt report printing at any time by pressing the **[Clear]** key.

NOTE: You can use the plastic spindle to wind the paper during printing.

Message Display when Printing the Electronic Journal Contents

When printing the electronic journal contents with the **[96]** + **[Amt Tend/TOTAL]** key sequence and the control lock in the X or Z position, the cash register displays the message "SAVE xxxx " indicating the number of electronic journal lines that are stored in memory.

The cash register memory can store up to 5,200 electronic journal lines after which it goes into an error condition thus preventing any further operation.

To clear this error condition cancel the electronic journal contents from memory as indicated in the next section.

Clearing the Electronic Journal Contents from Memory

You can clear the electronic journal contents from memory in two ways, as follows:

Clearing Memory Contents with a Printout of the Data Stored

1. Turn the control key to the **Z position** (a Z printout resets all totals to zero and cancels the journal contents from memory).
2. Type **[96]** and press the **[Amt Tend/TOTAL]** key. The contents of the electronic journal are printed thus clearing the memory.

Clearing Memory Contents without Printing the Data Stored

1. Turn the control key to the Z position.
2. Type **[280602]** and press the **[Amt Tend/TOTAL]** key. The electronic journal contents are cleared from memory without being printed.

Cash Register Specifications and Safety

Technical Characteristics

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

Type:	Electronic cash register with alphanumeric printer and 40 departments and 999 PLU settings
Displays:	10-digit green fluorescent displays. Symbols for error, change, subtotal, minus, total, journal paper low, cash, check, charge, Euro currency shown.
Capacity:	6-digit input and 10-digit printout
Printer:	Thermal, 24 characters per line
Paper supply:	2 1/4" (57 mm) thermal paper tape
Batteries:	Four standard "AA" batteries which safeguard memory contents in the event of power failures.
Technology:	CMOS RAM
Power cons.:	Standby - 5.3 W, Operating 28 W
Operating Temperature:	0 degrees C - 40 degrees C (32-104 degrees F)
Dimensions:	430 mm x 410 mm x 320 mm
Weight:	8.5 Kg

Safety Precautions

- The power socket for this cash register must be located near the unit and easily accessible.
- Do not use this cash register outdoors in the rain or near any liquid.

Code 506610D-01