

PZ-1



QUICK SET-UP GUIDE

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PZ-1 QUICK SET-UP GUIDE

FOR MORE INFORMATION PLEASE REFER TO THE STANDARD OPERATING MANUAL
SUPPLIED WITH THE PZ-1

PZ-1 has the following: -

- ✓ Up to 100 Price Look Ups
- ✓ 8 Departments
- ✓ Calculator Function
- ✓ Euro Operation
- ✓ Receipt after Sale
- ✓ Z1 & Z2 Reports
- ✓ 5 Clerks

This Guide Assists with: -

- ✓ U.K. Standard Format Settings
- ✓ Receipt Format, Including Time And Date
- ✓ Receipt Style, E.g. Receipt After Sale
- ✓ Information To Set Time And Date
- ✓ Information To Set Passwords
- ✓ Information To View Totals

Consult the Manual provided with the PZ-1 for some of the Other Features.

In this guide boxes and circles represent PZ-1 keyboard function keys, circular icons represent the numerical keypad and rectangular icons represent all other function keys. The key lock position is also represented.



V – Void
L – Lock
R – Register
CAL – Calculator
X – Read Mode
Z/P – Reset/Program Mode

INITIALISING THE PZ-1

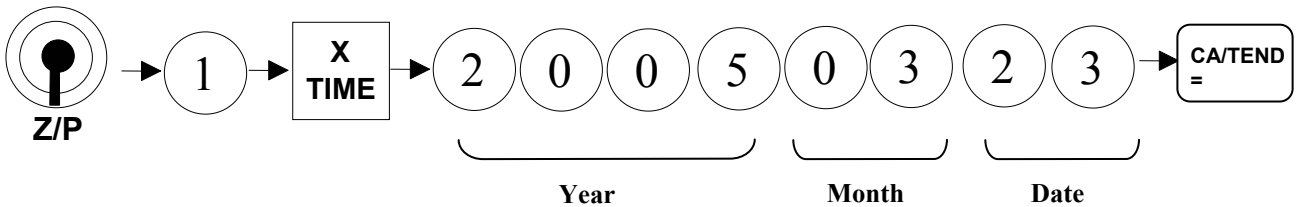
WARNING
THIS PROCEDURE WILL CLEAR ALL SALES DATA AND PROGRAM SETTINGS

- 1) Using the manager's key turn the control lock to the 'L' position
- 2) Turn off the power at the mains
- 3) Turn the manager's key to the 'Z/P' position
- 4) Hold down the CL key and power on the ECR. After a few seconds the following symbol will ----- be displayed.
- 5) Release the CL key

The PZ-1 is now ready to be programmed. The following pages demonstrate a basic flag set up procedure together with some additional information.

Setting the Date

Enter the date in the format, Year, Month, and Day. For example to set the date to the 23rd March 2005 enter:- 20050323

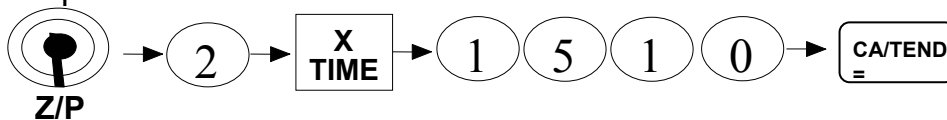


Note:

When entering a single figure day such as 5th the zero must be included (05). The receipt will show the format Day, Month, and Year in four digits.

Setting the Time

Enter the time in military format, although the 12-hour format can be printed upon the receipt. To set the time to 3.10 PM enter 1510



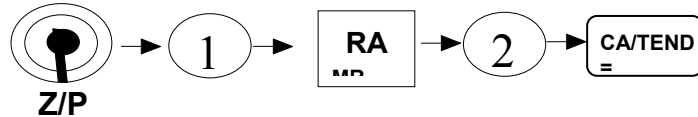
Note: To check the time, turn to the 'R' position and press the X
TIME key.

FLAG SET UP PROCEDURE

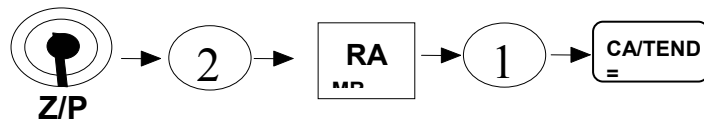
Carry out the following procedures to set up the demo

Note - FLAGS 4,5,7,14,15,16, ARE SET TO ZERO FROM INITIALISATION AND DO NOT NEED TO BE AMENDED FOR THIS BASIC DEMONSTRATION

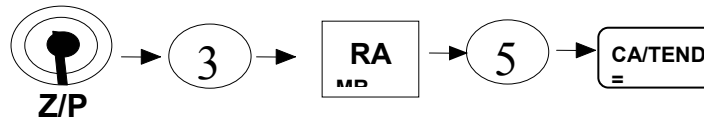
- 1) **Decimal Places – To be displayed as 0.00**



- 2) **Printing Format for Date: Date, Month, Year**



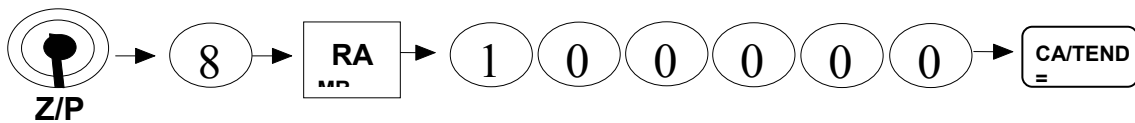
- 3) **Rounding in percentage (0.1 to 0.4 becomes 0.00, 0.5 to 0.9 becomes 1.0)**



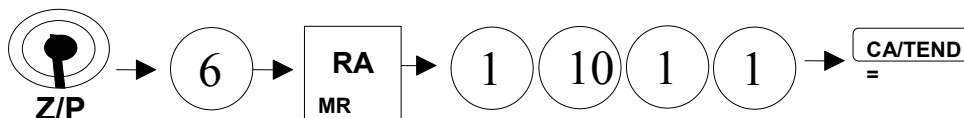
(4 → RA → 5 → CA/TEND) For Rounding in Tax Calculations

- 4) **Journal mode**

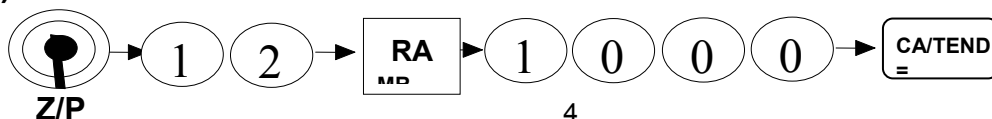
Every operation is printed on the Audit roll. Please Note:- This function cannot be used to issue a customer receipt. Follow the settings below for audit only operation.



- 5) **Minimal printing on the Journal, Don't print: Quantity, trans No, Date, Time**



- 6) **Reset transaction number**

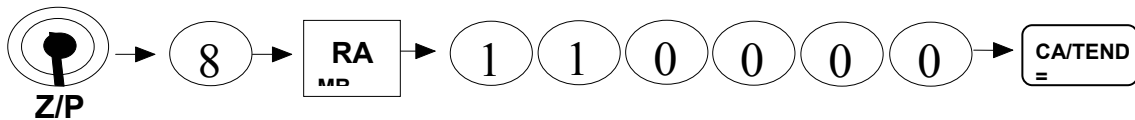


RECEIPT ON/OFF PROGRAMMING

1) Receipt Mode

This setting produces a full receipt when the transaction is finalised. Ensure flag 8.

Set flag 8

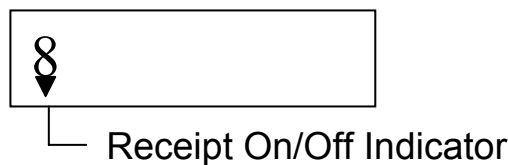


2) Enable Receipt On/Off Toggle By Pressing The PO Key

You can control printing of receipts by setting the cash register in Receipt On or Off mode. The PO key works as Receipt On/Off key when it is pressed directly without any numeric key input. Each time you press PO key directly, the Receipt On or off mode will change. The operation is available only in receipt mode (flag 8 N4=1)

Receipt On/Off Indicator

The triangle on the left side of the display tube, lights when the cash register is in Receipt Off mode. When the indicator is off, the cash register is in Receipt On mode.



3) Receipt if requested after sale

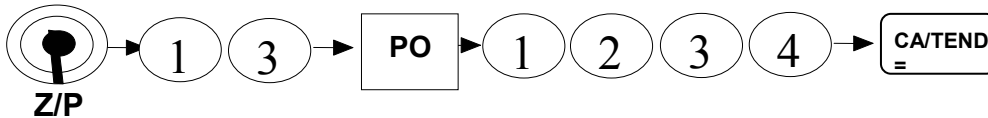
This setting allows items to be registered and then stored without printing on the Receipt roll. If a receipt is requested after the transaction is finalised, the Total key will issue a receipt for the customer. The operation is available only in receipt mode (flag 8 N4=1)

Up to 14 lines at maximum can be printed on the Receipt after Sale.

PASSWORDS

Setting secret clerk passwords

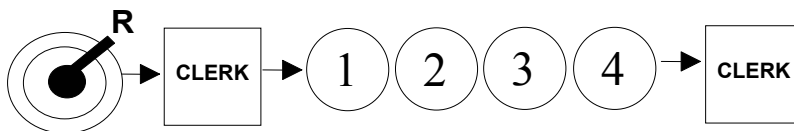
A maximum of five different clerks' passwords can be set, which allow clerks to operate the ECR in the 'R' position. A password can contain a maximum of four digits. The following shows password 1234 being set for clerk one.



Note:

13 = Clerk one, 14= Clerk two, 15= Clerk three,
16= Clerk four, 17= Clerk five.

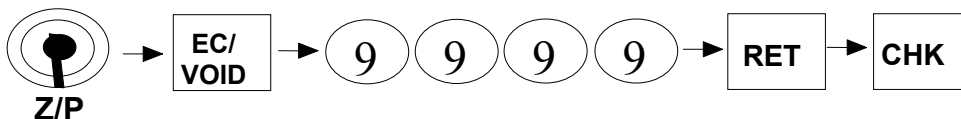
If you require the clerk's password not to be displayed press the CLERK key first.



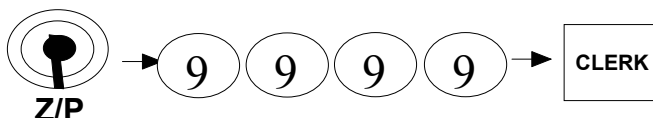
(Optional)

Setting Manager's Password

Setting the manager's password will allow you to operate the cash register in 'Z/P' mode. Once the password has been set 'Z/P' mode will only work once the correct manager's password is entered. The sequence below shows the manager's password being set to 9999.



Once the password is set, to access the 'Z/P' position see below: -



Totals that can be viewed (In the 'X' position)

Press:	To display
1 and CHG	Net sales total
2 and CHG	Cash total
3 and CHG	Charge total
4 and CHG	Check total
5 and CHG	Non-sale item total
6 and CHG	RA total
7 and CHG	PO total
8 and CHG	Cash in drawer total
9 and CHG	Euro in drawer total

Reports

Type of Report	Keys	Information contents
Reports run in X1 and Z1		
Full	CA/TEND	All of the sales information such as the total sales amount, department sales, taxes, etc
Simple	X/TIME & CA/TEND	Total amount sales information
PLU	PLU	PLU sales information
Clerk	CLERK	Clerk sales information

*****To run Periodical reports (X2 and Z2) press [PO] first. *****

Checking the Contents of Your Programming

1 and CHK	Checking system flags, departments, tax settings
2 and CHK	Starting report number, passwords, Euro exchange, Grand Total
3 and CHK	To Check PLU setting

EURO SET-UP

Please contact the Geller Support Department before doing this operation

The PZ-1 has a Euro facility which overrides the +% key. Jumper 12 on the main board has to be cut to allow the Euro key to work.
To Reverse operation you will need to solder it back.

Work out Euro Conversion Rate e.g. if the Euro is 1.64 to the pound do the following:

- 1) 1 - Divided by - 1.59 = 0.628931
- 2) Skip the Zero and round to 5 Decimal Places
- 3) 62893 would be the Figure to enter into the ECR's Currency rate
18 - XTIME – 62893 - CASH
- 4) Now round the Euro Figure to 2 Decimal places by doing the following
22 - XTIME – 52 – CASH

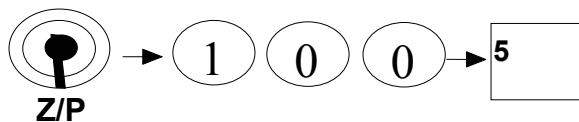
From Default the Change will be given in Euro Currency

BASIC PROGRAMMING

Programming A Preset Department

Example:

You want to program Department 5 (Lottery) as £1.00



Programming a Preset PLU

Example:

You want to program PLU 1 as 50p and assign it to Department 1 (Drinks)



PZ-1 KEYBOARD

FEED	X TIME	7	8	9	NO TAX	---	- %	+ %
PLU ALT	PLU	4	5	6	4 /	8	MR RA	PO
RET	EC/ VOID	1	2	3	3 x	7	CHK	CHG
CL	CLERK	0		00	2 -	6	ST/#	TOTAL
					1 +	5	CA/TEND	

NAME	FUNCTIONS
FEED	Used to advance the receipt/journal
PLU PRICE ENTRY AND RELEASE	Used for entering the price of PLU item. And for programming
RETURN	Used to register the price of returned items
CLEAR	Used to clear an error that displays the error code "E" or an amount you entered by mistake
MULTIPLICATION/TIME	Used to register multiple items and to display the current time
PLU PRICE ENTRY AND RELEASE	Used for entering the price of PLU items. This key is also used for programming
ERROR CORRECTION/VOID	Double function Used for voiding an incorrectly entered item immediately after entering it. Used to void an amount you have entered and stored
CLERK ID	Used for entering individual clerks
NUMERIC	Used for entering numbers
NO TAX	Used for registering a taxable item as a non-taxable item
MINUS	Used to discount a certain amount or subtract an amount of an item when you receive coupon
DEPARTMENT	Used to classify the source of an item from up to 8 departments. You must press one of these keys every time you sell an item assigned to a department key
DISCOUNT	Used to give a discount as a percentage of the price of an item
RECEIVED ON ACCOUNT	Used to register money received on account. This key is also used for programming
CHEQUE	Used when receiving cheque for a sale
NON-ADD/SUBTOTAL	Used to print a non-add code and to display a subtotal during operations. This key is also used for programming
PLU PERCENTAGE KEY	Used to add a percentage rate such as a service charge or gratuity to an individual item
PAID-OUT	Used to register a non-sales amount of cash removed from the drawer. For example, you can register an amount of petty cash when the store opens. This key is also used for programming.
CHARGE	Used when a customer charges an item on receiving card payment for a sale
TOTAL	Used to display a subtotal including tax. This key is also used for programming
CASH/TENDER	Used to register the amount of cash tendered by the customer, complete the sales transaction and display the amount of change due. Also used for programming and for issuing reports

FLAG LIST

Flag 1	Decimal Point on receipt
Flag 2	Printing Format for date
Flag 3	Rounding in percentage calculations
Flag 4	Rounding in tax calculations
Flag 5	Decimal Digit to be rounded
Flag 6	What prints on Receipt and Journal
Flag 7	What prints on reports
Flag 8	Receipt mode or Journal mode
Flag 9	Not used
Flag 10	Not used
Flag 11	Not used
Flag 12	Print the Year, Reset transaction number
Flag 13	Not used
Flag 14	Line feed after sale is finished
Flag 15	Applying Tax
Flag 16	Printing of Tax, Foreign Currency
Flag 17	Not used
Flag 18	Not used

SYSTEM FLAG 1

Decimal Point Registering multiple items

OPTION	DECIMAL POINT POSITION	KEY OPERATION
0	0	First enter the quantity, then enter the unit price
1	0.0	First enter the quantity, then enter the unit price
2	0.00	First enter the quantity, then enter the unit price
3	0	First enter the unit price, then enter the quantity
4	0.0	First enter the unit price, then enter the quantity
5	0.00	First enter the unit price, then enter the quantity

***The default setting is Option 2**

SYSTEM FLAG 2

Printing format for the date

OPTION	FUNCTION
0	Year, month, date in that order
1	Date, month, year in that order
2	Month, date, year, in that order

***The main setting for demonstration is Option 1**

SYSTEM FLAG 3

Rounding in percentage

FLAG 3	FUNCTION	OPTION
	Rounding: factor	0 = Round Down 5 = 5/4 Rounding 9 = Round Up

***The default setting is Option 5**

***The rounding point may be changed by Flag 5**

SYSTEM FLAG 4

Rounding in tax calculations

FLAG 4	FUNCTION	OPTION
	Rounding: factor	0 = Round Down 5 = 5/4 Rounding 9 = Round Up

***The default setting is Option 5**

***The rounding point may be changed by Flag 5**

SYSTEM FLAG 5

Decimal digit to be rounded

FLAG 5	FUNCTION	OPTION
BIT = 1	Not used. Do not change	0
BIT = 2	Not used. Do not change	0
BIT = 3	Not used. Do not change	0
BIT = 4	Not used. Do not change	0
BIT = 5	Not used. Do not change	0
BIT = 6	Not used. Do not change	0
BIT = 7	Digit to be rounded in tax calculations	0 = First digit 1 = Last digit
BIT = 8	Digit to be rounded in Percentage	0 = First digit 1 = Last digit

SYSTEM FLAG 6

What prints on receipt and journal

FLAG 6	FUNCTION	OPTION
BIT = 1	Print the individual tax amounts on the receipt and journal	0 = No 1 = Yes
BIT = 2	Print the amount which the tax is added to	0 = No 1 = Yes
BIT = 3	Print the (VAT)	0 = No 1 = Yes
BIT = 4	Print the amount excluding VAT for items which include VAT	0 = No 1 = Yes
BIT = 5	Print the quantity of each item sold	0 = No 1 = Yes
BIT = 6	Print the transaction number	0 = Yes 1 = No
BIT = 7	Print the date	0 = Yes 1 = No
BIT = 8	Print the time	0 = Yes 1 = No

SYSTEM FLAG 7

What prints on reports

FLAG 7	FUNCTION	OPTION
BIT = 1	Not used. Do not change	0
BIT = 2	Not used. Do not change	0
BIT = 3	Not used. Do not change	0
BIT = 4	Not used. Do not change	0
BIT = 5	Not used. Do not change	0
BIT = 6	Print a the gross sales	0 = Yes 1 = No
BIT = 7	Print a grand total amount	0 = No 1 = Yes
BIT = 8	Print Voided amounts	0 = Yes 1 = No

SYSTEM FLAG 8

Receipt mode or Journal mode

FLAG 8	FUNCTION	OPTION
BIT = 1	Not used. Do not change	0
BIT = 2	Not used. Do not change	0
BIT = 3	On journal, details of transactions are fully printed	0
	On Journal, symbols such as department numbers, % etc are not printed	1
BIT = 4	Select the journal mode	0
	Select the receipt mode	1
BIT = 5	Not used. Do not change	0
BIT = 6	Not used. Do not change	0
BIT = 7	Not used. Do not change	0
BIT = 8	Not used. Do not change	0

SYSTEM FLAG 9 Not Used. Do Not Change

SYSTEM FLAG 10 Not Used. Do Not Change

SYSTEM FLAG 11 Not Used. Do Not Change



SYSTEM FLAG 12

Print the year Rest trans number

FLAG 12	FUNCTION	OPTION
BIT = 1	Not used. Do not change	0
BIT = 2	Not used. Do not change	0
BIT = 3	Print the year in 4 figures	0
	Print the year in 2 figures	1
BIT = 4	Not used. Do not change	0
BIT = 5	Do not reset transaction number after issuing the Z report	0
	Reset the transaction number after issuing the z report	1
BIT = 6	Not used. Do not change	0
BIT = 7	Not used. Do not change	0
BIT = 8	Not used. Do not change	0

SYSTEM FLAG 13 Not Used. Do Not Change

SYSTEM FLAG 14

Line feed after finished sales transaction

FLAG 14	FUNCTION	OPTION
BIT = 1	Not used. Do not change	0
BIT = 2	Not used. Do not change	0
BIT = 3	Not used. Do not change	0
BIT = 4	Not used. Do not change	0
BIT = 5	Set 8 line feed after finished sales transaction	1
BIT = 6	Set 4 line feed after finished sales transaction	1
BIT = 7	Set 2 line feed after finished sales transaction	1
BIT = 8	Set 1 line feed after finished sales transaction	1

SYSTEM FLAG 15

Tax Calculation

FLAG 15	FUNCTION	OPTION
BIT = 1	Not used. Do not change	0
BIT = 2	Not used. Do not change	0
BIT = 3	Not used. Do not change	0
BIT = 4	Include TAX1 in TAX4	0 = Yes 1 = No
BIT = 5	Include TAX1 in TAX3	0 = Yes 1 = No
BIT = 6	Include TAX1 in TAX2	0 = Yes 1 = No
BIT = 7	Not used. Do not change	0
BIT = 8	Not used. Do not change	0

SYSTEM FLAG 16

Tax & Foreign Currency Printing – Only use with the Euro

FLAG 15	FUNCTION	OPTION
BIT = 1	Not used. Do not change	0
BIT = 2	Not used. Do not change	0
BIT = 3	Not used. Do not change	0
BIT = 4	Print taxable amount in LC and FC	0 = No 1 = Yes
BIT = 5	Not used. Do not change	0
BIT = 6	Print the exchange rate of FC on bottom line of the receipt	0 = No 1 = Yes
BIT = 7	Print the total amount both in LC and FC	0 = No 1 = Yes
BIT = 8	Not used. Do not change	0

SYSTEM FLAG 17 & 18 Not Used. Do Not Change