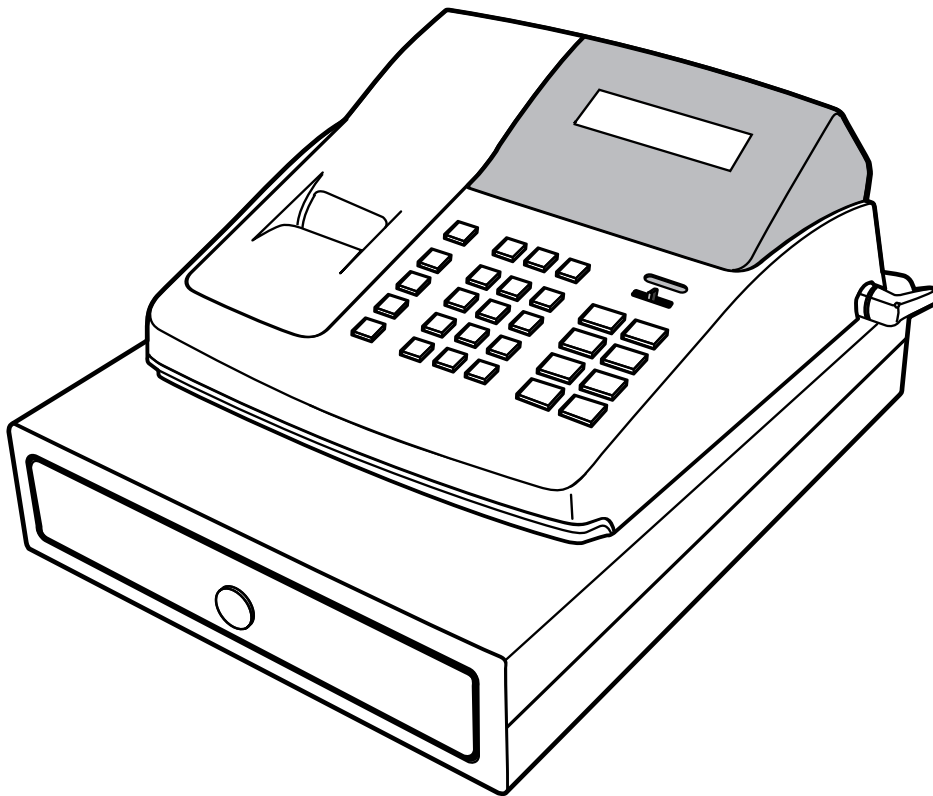


SAM4S ER-150 II

ELECTRONIC CASH REGISTER



OPERATION MANUAL

All specifications are subject to change without notice.

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INITIAL SET UP INSTRUCTIONS

The following instructions describe how to unpack and start up the cash register.

Unpack the cash register

- Remove the cash register from the packaging
- Locate the following items.
 - 1 roll of 57mm Non thermal paper
 - 1 rewind spindle for use with the journal roll option

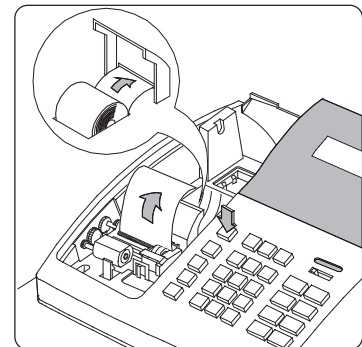


LOADING PAPER

The register has a single 57mm non thermal paper roll, which can be used either as a customer **receipt** or wound round a spindle and kept as a **journal**.

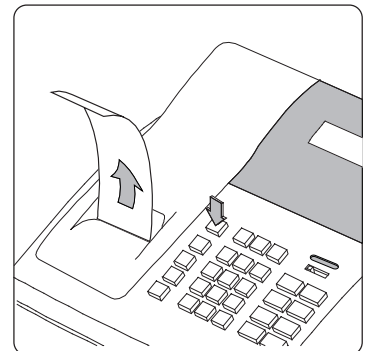
Inserting the paper

- Cut or tear the end of the paper roll evenly to allow correct feeding through the printer
- Place the paper roll in the paper well and insert the paper end into the inlet of the printer as shown.
- Press the **FEED** button until the paper is accepted by the printer and advances through
- If the paper does not feed through the printer make sure the paper is inserted correctly into the paper inlet of the printer.



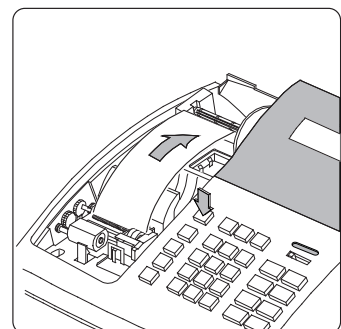
For Receipt Use

- Pass the paper through the receipt window of the printer cover
- Replace the cover over the printer compartment



For Journal Use

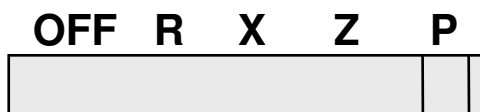
- Route the paper over the top of the paper guide
- Insert the paper into slot on the rewind spool
- Place the rewind spool into the slot provided and press the **FEED** button to wind the paper securely onto the spindle
- Replace cover over the printer compartment



CLEAR MEMORY AND INITIALIZE

WARNING – This procedure will clear all sales and program information, and need only be carried out **once** as part of the initial setup procedure.

- Move the mode slide switch on the front of the register to the **P** position



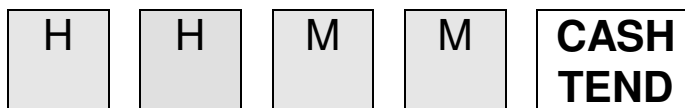
- With the power turned off press the **C** and also the **00** button
- Whilst still holding down the buttons turn the power to the register on,
- The register memory is cleared and the register prints “.....”

SETTING THE DATE AND TIME

The following sequence is used to set the date and time in the program mode, using the number keys to enter the time required.

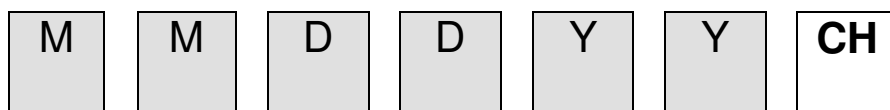
To Change Time

- Ensure the slide switch is in **P** position
- Type in on the number keys the time in 4 digits (HHMM) using the 24h clock i.e. 1pm as 13.00
- Press the **CASH** key and return to the R position
- Press the **#/NS** to print a program receipt



To Change Date

- Ensure the slide switch is in **P** position
- Type in on the number keys the Date in 6 digits i.e. MMDDYY
- Press the **CH** key and return to the **R** position
- Press the **#/NS** key to print a program receipt



Receipt or Journal Setup

To set printer to act as a receipt or a journal

- Ensure the slide switch is in the **P** position
- On the number keys enter **00** for **receipt** printing

Or

- On the number keys enter **01** for **journal** roll printing
- Press the **Subtotal** key to finalize

FEATURES

Mode Switch

The cash register has a mode switch located on the front right of the cabinet. This is used to control the operations of the register such as reporting and programming



OFF	Turns the cash register off, allowing no operation
R	Used to enter sales transaction.
X	Used to Print and Read financial reports and declare monies
Z	Used Print and Reset financial reports and reset totals to zero
P	Used for program settings such as date and time.

Display

The display features fluorescent digits providing the user with information about the operations of the cash register. During use, the register display will show the following symbols.

All these symbols appear in position 1 of the display.

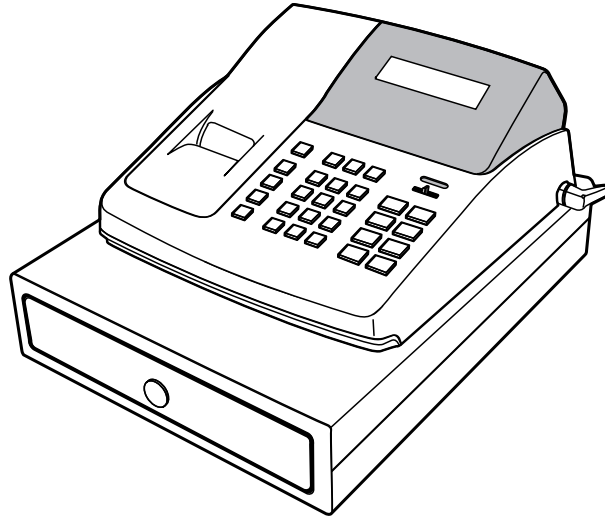


C	Indicates the amount displayed is due in change .
=	Indicates the amount displayed is the total when Cash or CH is pressed
E	Indicates an error - Press the " C " button to clear the error.
S	Indicates the amount displayed is a subtotal

FEATURES

Keyboard

The cash register has a function keyboard which is used to carry out the operations of the machine. The features of these keys are explained below.



FEED	RA (+)	PO	X/RF (x)	OFF R X Z P 	
- (-)	7	8	9	TAX	#/NS
%	4	5	6	CALC	CH
VD	1	2	3	DPT2	SUB TOTAL
C	0	00	.	DPT1	CASH (=)

Note:-

The **CALC** button uses the function as displayed in () with the **C** key finishing calculator mode.

FEATURES

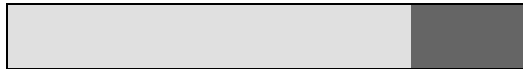
Key Functions

FEED	When pressed advances the printer paper.
0 - 9, 00	These "Number keys" are used to enter the numeric amounts i.e. enter 100 for £1
DPT1 DPT2	These "Department" keys are used to classify the items sold and memorize the quantities and amounts in their own categories For Example DPT1 could be used for FOOD and DPT2 for NON FOOD sales
X/RF	<ul style="list-style-type: none"> • X - Used to sell multiples of the same items For example with the switch in the R position To multiply an item for £1 by 10 Enter 10 on the number keypad then press X/RF Enter the item price i.e. 100 for £1 and DPT key followed by Cash or Ch • RF - Used for the return of merchandise For example To refund a sale against DPT1 for £1 Press the X/RF button, enter 100 then press a DPT Key Followed by Cash, or Ch to finalize.
PO	Used to register any money paid out and reduce the cash in drawer total on reports
RA	Used to register any money received and increase the cash in drawer total on reports.
-	Used to register a minus amount and reduce the sales total
%	Used to register a percent discount (-%) or surcharge (+%) adjustment to the sales total. Programming will determine whether this key is a premium or discount percent.
VD	Used to correct entries before a sale is finalized. Pressing this key in-conjunction with the item will remove the amount from the total
C	Used to clear incorrect entries made using the numeric keys. Also used to clear error conditions and silence the error tone.
TAX	Used to program the tax rate, also enter the tax during a sale
#/NS	Used to print the reference number entered on the numeric keys or to open the cash drawer outside of a sale.
CH	To finalize the sale as a charge payment an alternative to Cash
SUB TOTAL	To obtain the subtotal of a sale and if pressed prior to a % function will allow adjustment of the whole sale total
CASH	To finalize a cash sale and calculate change if a value is entered prior to pressing the key
CALC	This allows the register to act as a calculator with the option to use the following functions. RA = + CASH = Equals X/RF = x - = Minus and C exits.

PROGRAMMING

Changing of the pre-programmed system settings takes place with the mode switch in the **P** position.

OFF R X Z P

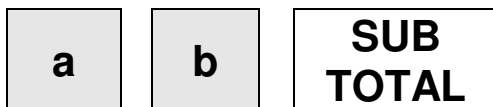


Receipt or Journal Printing

This determines if the printer is to act as a receipt print and provided customer copies. Alternatively if the paper is to be wound onto the journal take-up spool for manager review of the days sales.

To Change Settings

- Ensure the slide switch is in the **P** position
- On the number keys type in the answer for question **a** (the default answer is 0)
- On the number keys type in the answer for question **b** (the default answer is 0)
- Press the **Subtotal** key and return the slide switch to the **R** position



Answer		Question	Explanation
a	0	= Print Tax Details	If Vat is to be calculated by the register this determines if Vat is printed on the receipt
	1	= Do not print Tax Details	
b	0	= Printer issues receipts	This determines if the printed ticket is given to the customer or wound onto the take-up spool and kept as a journal
	1	= Printer is journal	

Receipt On / Receipt Off

When the register is set as receipt mode, this determines if the receipt can be switched to off i.e. no print out during the registration of sales

To Change Settings

- Ensure the slide switch is in **P** the position
- On the number keys type in the answer for question **a** (the default answer is 0)
- Press the **CALC** key and return the slide switch to the **R** position



Answer		Question	Explanation
a	0	= Receipt On	This determines if the printer when set as a receipt printer is turned on or off.
	99	= Receipt off	

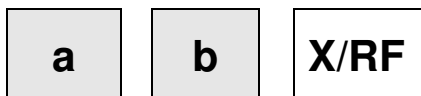
PROGRAMMING

Tax, Decimal Point information

This option controls the settings i.e. how many Decimal places are used on this register and what type of vat control is required.

To Change Settings

- Ensure the slide switch is in the **P** position
- On the number keys type in the answer for question **a** (the default answer is 0)
- On the number keys type in the answer for question **b** (the default answer is 0)
- Press the **X/RF** key and return the slide switch to the **R** position



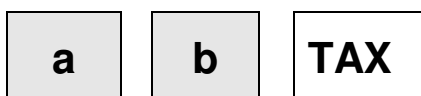
Answer		Question	Explanation
a	0	= 2 decimal	How many decimal places are used ? i.e. 0 is two decimal places
	1	= no decimal	
	2	= 1 decimal	
	3	= 3 decimal	
b	0	= VAT	What is the method of tax to be used for this register E.g. Vat Extraction (0) or Add On (1)
	1	= add-on tax	
	2	= external straight tax	

Tax Rate Programming

The following allows the pre-programming of two tax rates i.e. 0.00% and 17.5% to the system. The sales department keys can be linked to these tax codes to allowing the calculation of the VAT amount.

To Change Settings

- Ensure the slide switch is in **P** the position
- On the number keys type in the answer for question **a** (the default answer is 0)
- On the number keys type in the answer for question **b** (the default answer is 0)
- Press the **TAX** key and return the slide switch to the **R** position



Answer		Question	Explanation
a	0	Enter the Vat % Rate i.e 0.000 - 99.999	This is the vat percentage to be programmed I.e. 17500
b	0	= External Manual Tax	This determines which Tax reference 1 or 2 is to be programmed for the specific tax rate. For example Tax Rate 1 at 17.5% and Tax Rate at 0.00%. DPT1 and DPT2 would be linked to either rate 1 or 2 as applicable.
	1	= Tax Rate 1	
	2	= Tax Rate 2	

PROGRAMMING

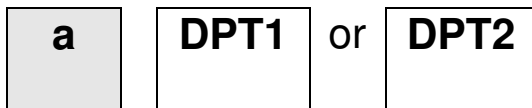
Department status

The two department keys are used to analyze the sales made into reporting categories For example totaling the sales made by DPT1 as food and DPT2 as a non food category.

Certain settings outside of the norm can be programmed to the department. The following options control, whether the department is using tax or acting as a single immediate cash off item

To Change Settings

- Ensure the slide switch is in **P** position
- On the number keys type in the answer for question **a** (the default answer is 0)
- Press either the **DPT1** or **DPT2** key and return the slide switch to the **R** position



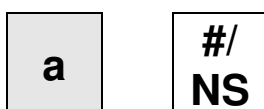
Answer		Question	Explanation
a	0	Normal Item & No Tax, (for external tax this is non tax single)	If the item is normal none taxable then 0 would be selected.
	1	Normal Item & Tax Rate 1 (for external tax this would be single)	If the item is to be taxable then either tax rate 1 or 2 would be selected.
	2	Normal Item & Tax Rate 2	
	3	Single Item & No Tax	If the item is a non-taxable single item sale i.e. opens the cash drawer immediately after being pressed then 3 would be selected.
	4	Single Item & Tax Rate 1	
	5	Single Item & Tax Rate 2	If the item is to be single item and taxable then either tax rate 1 (option 4) or Tax Rate 2 (Option 5) would be selected.

Setting the Register Number

If you have more than one register each unit can be pre-programmed with a register number, which is printed on the receipt as identification.

To Change Settings

- Ensure the slide switch is in the **P** position
- On the number keys type in the answer for question **a** (the default answer is 0)
- Press the **#/NS** key and return the slide switch to the **R** position



Answer		Question	Explanation
a	2 digit number	Enter your 2 digit terminal number i.e. 01 02	This is a two digit number which can be printed on the receipt to identify the terminal.

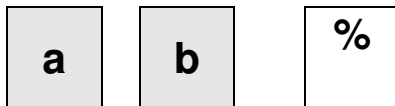
PROGRAMMING

Setting the % key

The % key can be programmed to act as either a %+ or %- , with a preset rate. This can then adjust the sale total accordingly.

To Change Settings

- Ensure the slide switch is in the **P** position
- On the number keys type in the answer for question **a** (the default answer is 0)
- On the number keys type in the answer for question **b** (the default answer is 0)
- Press the % key and return the slide switch to the **R** position



Answer		Question	Explanation
a	0	Enter the current % Rate i.e 0.000 - 99.999	This is the percentage to be preset For Example Enter 10000 for 10%
b	0 1	= %- = % +	This determines if the rate is a percent minus or percent plus operation.

Rounding Option

The Rounding option can be changed if the cash register is to be used outside of the EU.

To Change Settings

- Ensure the slide switch is in **P** position
- On the number keys type in the answer for question **a** (the default answer is 0)
- Press the **#/NS** key and return the slide switch to the **R** position



Answer		Question	Explanation
a	0 1	European Rounding Non European Rounding	If the register requires the ability to operate outside the EU then option 1 is used.

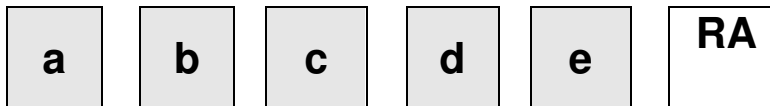
PROGRAMMING

System Settings choice 1

The following sequence can be used to change the basic system settings.

To Change Settings

- Ensure the slide switch is in the **P** position
- On the number keys type in the answer for question **a** (the default answer is 0)
- On the number keys type in the answer for question **b** (the default answer is 0)
- On the number keys type in the answer for question **c** (the default answer is 0)
- On the number keys type in the answer for question **d** (the default answer is 0)
- On the number keys type in the answer for question **e** (the default answer is 0)
- Press the **RA**, and return the slide switch to the **R** position



Answer		Question	Explanation
a	0	None Compulsory Declaration	It is possible to program the register to prevent the printing of financial reports unless the operator enters the actual monies taken i.e. "Declares the monies"
	1	Compulsory Declaration	This provides a comparison between the actual and theoretical monies
b	0	Print items with 0 values	This option determines if unused functions are printed on reports with a zero alongside or not printed at all.
	1	Do not print items with 0 values	
c	0	Print a single copy of the Z report	It is possible to have a second copy of the Z report printed automatically.
	1	Automatically print two copies of the Z report	This option is used to select if one or two copies are printed.
d	0	Print Refunds / Voids and Gross Total on reports	The options allow the refund / void and Gross totals to be removed from the printed financial reports.
	1	Do Not Print Refunds/ Voids and Gross Totals	
e	0	Print Subtotal when key pressed	This option determines if the SUBTOTAL wording and value is printed when the key is pressed.
	1	Do not print the subtotal	

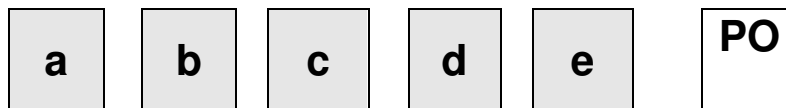
PROGRAMMING

System Settings choice 2

The following sequence can be used to change the basic system settings.

To Change Settings

- Ensure the slide switch is in the **P** position
- On the number keys type in the answer for question **a** (the default answer is 0)
- On the number keys type in the answer for question **b** (the default answer is 0)
- On the number keys type in the answer for question **c** (the default answer is 0)
- On the number keys type in the answer for question **d** (the default answer is 0)
- On the number keys type in the answer for question **e** (the default answer is 0)
- Press the **PO**, and return the slide switch to the **R** position



Answer		Question	Explanation
a	0	Print running Grand Total	The register has a GT (Grand Total) which increases with each sale
	1	Do not print the running Grand Total	This option determines if this Grand total is to be printed on the Financial report
b	0	Do not reset the Grand Total after Z Report	The Grand Total will run indefinitely if not programmed to reset after each Z financial report.
	1	Reset the Grand total after Z report	Using this option the Grand Total can be reset back to zero after every Z financial report.
c	0	Do not reset the Z Counter after Z report	Every time a Z reset financial report is printed the report counter increases.
	1	Reset the Z Counter after Z report	This option determines if the report counter is reset back to 1 every time a Z reset report is printed.
d	0	Do not reset the receipt consecutive number after Z report	Every time the register prints a receipt the receipt counter increases.
	1	Reset the receipt consecutive number after Z Report	This option determines if the receipt counter is reset back to 1 every time a Z reset report is printed.
e	0	Print Date	This determines if the date is printed on the receipt.
	1	Do Not Print Date	

REGISTER

This section provides examples of register operations, following the sequences will assist practicing the features.

If an error occurs during register pressing the **C** key will clear the error tone

All operations in this section should be carried out with the mode switch in the **R** position

OFF R X Z P



Example Receipts

Following are example receipts of both a VAT Extraction and a non-VAT sale

VAT version

10-01-07 10-33
1.00TX1
2.00NT2
3.00ST
3.00TA
5.00AT
2.00CG
1.00TX
0.15TX
001-77

Non VAT version

10-01-07 10-33
1.00 1
2.00 2
3.00ST
5.00AT
2.00CG
001-77

REGISTER

No Sale Operation

A no sale operation opens the cash drawer outside of a sale and the financial report records the no sale activity counter.

- Ensure the slide switch is in the **R** position
- Press the **#/NS** key

Sample Receipt

#/NS	10-01-07 10-33 ●●●●●● NS 002-77
-------------	--

Non Add Reference Number Entry

The **"#/NS"** key can be used to enter up to a 7 digit reference number.

The reference entry can be made prior to any operation in the register mode. This numeric entry will not add to any activity counts or totals.

- Ensure the slide switch is in the **R** position
- Enter the reference number
- Press the **#/NS** key
- Continue with the sale as normal

1	2	3	4	5	6	7	#/NS
----------	----------	----------	----------	----------	----------	----------	-------------

Sample Receipt

10-01-07 10-33
12345.67 #

REGISTER

Department Operation

Department keys are used to classify the items sold and memorize the quantities and amounts in their own categories

For Example **DPT1** could be used for FOOD and **DPT2** for NON FOOD sales

Example Sale

- Ensure the slide switch is in the **R** position
- Type in the price of the item on the number keys accounting for two decimals i.e. enter 2 0 0 for £2
- Press the **DPT1** key to register the item
Enter further prices and press DPT1 or DPT2 to continue if required.
- Press the **CASH** key to finalize

Sample Receipt

2	0	0	DPT1	01-02-07 10-33 2.00 1 2.00CA 015-00
			CASH TEND	

Department Multiplication Operation

The following shows how to enter a department sale with multiplication of items

Example Sale

- Ensure the slide switch is in the **R** position
- Type in the quantity to be bought of this item on the number keys i.e 15
- Press the **X/RF** key
- Type in the price of the item on the number keys accounting for two decimals i.e. enter 2 0 0 for £2
- Press the **DPT1** key to register the item
Enter further prices and press **DPT1** or **DPT2** to continue if required.
- Press the **CASH** key to finalize

Sample Receipt

	1	5	X/RF	01-02-07 10-33 15 X 2.00 30.00 1 30.00CA 016-00
2	0	0	DPT1	
			CASH TEND	

REGISTER

Department Single Item

Department keys are used to classify the items sold and memorize the quantities and amounts in their own categories

Departments can also be pre-programmed as single item sales, which means the moment the price is entered the drawer will open immediately without the need to press cash or the option to sell further items

If another department is pressed prior to selling a single item sale this would negate the use of the single item and the cash key must be pressed to finish the sale

Department Single Item Operation

The following shows how to enter a department sale when set as a Single Item, and programmed to immediately open the cash drawer after the item sale.

Example Sale

- Ensure the slide switch is in **R** position
- Type in the price of the item on the number keys accounting for two decimals i.e. enter 2 0 0 for £2
- Press the **DPT2** key to register the item
The cash drawer will open and there will be no need to press CASH to finalize



Sample Receipt

01-02-07	10.33
2.00	1
2.00CA	
016-00	

REGISTER

Minus (-) Key Operation

It is possible to enter a minus amount from a sale by entering the required value and pressing the (-) key. The following procedure will report the total gross without the minus adjustment being removed from the sale values. The net value (less minus) will be reported alongside the *1 Net and **CA** on the financial reports.

Example Sale

- Ensure the slide switch is in the **R** position
- Enter the sale as normal i.e. 1000 **DPT1** for £10 item
- Enter the price of the coupon accounting for two decimals i.e. **2 0 0** for £2
- Press the – key to register the negative £2.00
- Press the **SUBTOTAL** to show the total due
- Press the **CASH** key to finalise

2	0	0	-	01-02-06	10-33
				10.00	
			CASH	2.00-	
			TEND	8.00ST	
				8.00CA	

Minus (-) Key Operation for Multiples

It is possible to enter multiples of a minus amount i.e. a number of coupons to be removed from one sale.

Example Sale

- Ensure the slide switch is in the **R** position
- Type in the price of the item on the number keys accounting for two decimals i.e. enter 5 0 0 for £5
- Press the **DPT1** key to register the item
- Type in on the number keys the quantity of coupons (minus amounts) i.e. 2
- Press the **X/RF** key
- Enter the price of the coupon accounting for two decimals i.e. 50 for 50p
- Press the – key to register the total negative amount of 2 @ - 50p
- Press the **SUBTOTAL** key to show the total due
- Press the **CASH** key to finalise

5	0	0	DPT1	01-02-06	10-33
				5.00	2
		2	X/RF	2 x	
				-5.00-	
	5	0	-	0.50-	
				4.00ST	
			CASH	4.00CA	
			TEND		

REGISTER

Percentage (%) Item discount

It is possible to remove a preset %- amount from an item price or add a %+ amount to the item this type of % depends on how the % key is programmed.

The following procedure will report the less or plus adjustment total to the item. This is possible as the % key is pressed immediately after the Department key allowing net reporting to the item along with the usual *1 Net and **CA** totals.

Example Sale

- Ensure the slide switch is in the **R** position
- Type in the price of the item on the number keys accounting for two decimals i.e. enter 5 0 0 for £5
- Press the **DPT1** key to register the item
- Press the % to register the % amount
- Press the **SUBTOTAL** key to display the total due
- Press the **CASH** key to finalise

Sample Receipt

5	0	0	DPT1	01-02-06 10-33
			%	5.00 1
			CASH	-10.00 %
			TEND	-100.00
				4.50ST
				4.50CA
				067.01

REGISTER

Percentage (%) Subtotal discount

It is possible to remove a preset %- amount from a Subtotal value or add a %+ amount to the sale depending on how the % key is programmed. The following procedure will report the total without the minus/plus adjustment as the % key is pressed after the **SUBTOTAL** is pressed. The net value (less adjustment) will report alongside the *1 Net and **CA** on the financial reports.

Example Sale

- Ensure the slide switch is in the **R** position
- Type in the price of the item on the number keys accounting for two decimals i.e. enter 1 0 0 for £1
- Press the **DPT1** key to register the item
- Type in the price of the item on the number keys accounting for two decimals i.e. enter 2 0 0 for £2
- Press the **DPT2** key to register the item
- Press the **SUBTOTAL** key to calculate the total to be adjusted
- Press the % to register the adjustment amount
- Press the **SUBTOTAL** key to display the total due
- Press the **CASH** key to finalise

Sample Receipt

1	0	0	DPT1
---	---	---	------

2	0	0	DPT2
---	---	---	------

SUB TOTAL

%

CASH TEND

01-02-06	10-33
1.00	1
2.00	2
3.00	ST
-10.000%	
-0.30	
2.70CA	
067-01	

REGISTER

Merchandise Return Operation

The **X/RF** acts as a Refund key in addition to a multiplication. If pressed before selling an item the price will be registered as a negative, allowing return of the item sold immediately after the **RF** key

Example Sale

- Ensure the slide switch is in the **R** position
- Type in the price of the item on the number keys accounting for two decimals i.e. enter 2 0 0 for £2
- Press the **DPT1** key to register the item
- Press the **X/RF** key to indicate the next item sold will be a negative/refund
- Type in the price of the item on the number keys accounting for two decimals i.e. enter 2 0 0 for £2
- Press the **DPT1** key to register a refund of the item
- Type in the price of the item on the number keys accounting for two decimals i.e. enter 3 0 0 for £3
- Press the **DPT2** key to register the item
- Press the **SUBTOTAL** key to display total due
- Press the **CASH** key to finalise

2 0 0 DPT1

X/RF

2 0 0 DPT1

3 0 0 DPT2

CASH
TEND

Sample Receipt

```
01-02-06 10-33
  2.00  1
.....RF
 -2.00  1
  3.00  2
  3.00ST
  3.00CA

070-01
```

REGISTER

The void key can be used to correct mistakes by removing the last item sold, as shown in the example below.

Voiding last Item (VD)

Shown below is an example of correcting the last item.

Example Sale

- Ensure the slide switch is in the **R** position
- Type in the price of the item on the number keys accounting for two decimals i.e. enter **1 0 0** for £1
- Press the **DPT1** key to register the item
- Type in the price of the item on the number keys accounting for two decimals i.e. enter **2 0 0** for £2
- Press the **DPT2** key to register the item
- Press the **VD** key to remove the last item sold from the sale
- Press the **CASH** key to finalise

1	0	0	DPT1
---	---	---	------

2	0	0	DPT2
---	---	---	------

VD

CASH TEND

Sample Receipt

01-02-06	10-33
1.00	1
2.00	2
.....VD	
-2.00	2
1.00ST	
1.00CA	
071-01	

REGISTER

The void key can be used to correct mistakes of any item within the current sale as shown in the example below.

Voiding Previous Item (VD)

The following Example will remove any item previously sold within a sale.

Example Sale

- Ensure the slide switch is in the **R** position
- Type in the price of the item on the number keys accounting for two decimals i.e. enter 1 0 0 for £1
- Press the **DPT1** key to register the item
- Type in the price of the item on the number keys accounting for two decimals i.e. enter 2 0 0 for £2
- Press the **DPT2** key to register the item
- In this example it is assumed the £1 item is to be removed from the sale
- Type in on the number keys the void value accounting for two decimals i.e. enter 1 0 0 for £1
- Press the **VD** key
- Press the **DPT1** key to register the item void
- Press the **SUBTOTAL** key to see the total due
- Press the **CASH** key to finalise

Sample Receipt

1	0	0	DPT1
---	---	---	------

2	0	0	DPT2
---	---	---	------

1	0	0	VD
---	---	---	----

DPT1

CASH TEND

01-02-06 08-34
1.00 1
2.00 2
.....VD
-1.00 1
2.00ST
2.00CA
072-01

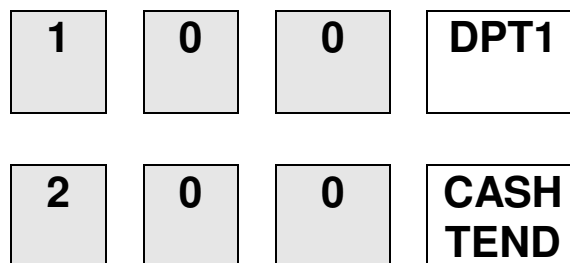
REGISTER

Tendering Cash Sale Operation

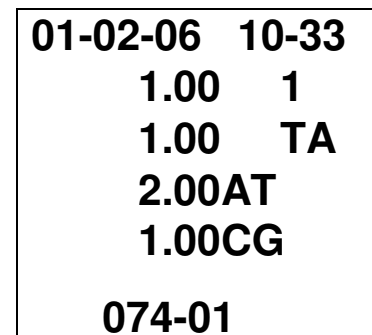
The register allows payment by cash with the option to calculate the change amount due as shown in the example below.

Example Sale

- Ensure the slide switch is in the **R** position
- Type in the price of the item on the number keys accounting for two decimals
i.e. enter 1 0 0 for £1
- Press the **DPT1** key to register the item
- Type in on the number keys the amount given accounting for two decimals
i.e. enter **2 0 0** for £2
- Press the **CASH** key to finalise



Sample Receipt

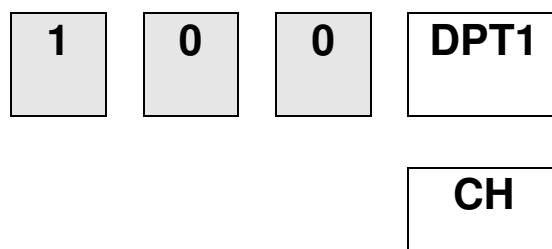


Tendering Charge sale Operation

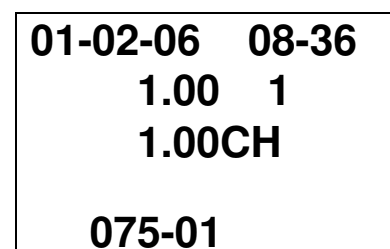
The register allows the payment using an alternative method to cash. This is referred to as Charge, which can be used for cheque or card payments etc. The CH key does not provide the option to accept the amount given by the customer for change calculation.

Example Sale

- Ensure the slide switch is in **R** position
- Type in the price of the item on the number keys accounting for two decimals
i.e. enter 1 0 0 for £1
- Press the **DPT1** key to register the item
- Press the **CH** key to finalise



Sample Receipt



REGISTER

Split Tendering (CA & CH) Operation

The register allows the payment by both Cash and Charge within the same sale as shown by the example below.

Example Sale

- Ensure the slide switch is in the **R** position
- Type in the price of the item on the number keys accounting for two decimals
i.e. enter **4 0 0** for £4
- Press the **DPT1** key to register the item

Enter the value of cash given by the customer

- Type in on the number keys the value of cash accounting for two decimals
i.e. enter **2 0 0** for £2
- Press **CASH** button to register the £2 tender

Accept payment for the remainder by the customer

- Press the **CH** key to finalise

4	0	0	DPT1
2	0	0	CASH TEND
			CH

Sample Receipt

01-02-06	10-33
4.00	1
4.00	TA
2.00	AT
2.00	TA
2.00	CH

REGISTER

Received on Account (RA) Operation

It is possible to register monies added to the cash drawer which do not relate to a sale i.e. the amount of float added in to the drawer at the start of the day

Example Sale

- Ensure the slide switch is in the **R** position
- Type on the number keys the amount to be received accounting for two decimals i.e. enter **7 0 0** for £7
- Press the **RA** button to register the monies received

Sample Receipt



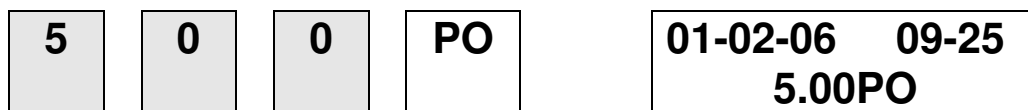
Paid Out Monies (PO) Operation

It is possible to register monies removed from the cash drawer, which do not relate to a sale i.e. the amount of float taken out of the drawer.

Example Sale

- Ensure the slide switch is in the **R** position
- Type on the number keys the amount to be paid out accounting for two decimals i.e. enter **5 0 0** for £5
- Press **PO** button to register the monies taken

Sample Receipt



REGISTER

Calculator Operation

The register will also act as a calculator, During this operation values are not added into the sales totals and the register operates as a simple calculator

Example Calculator

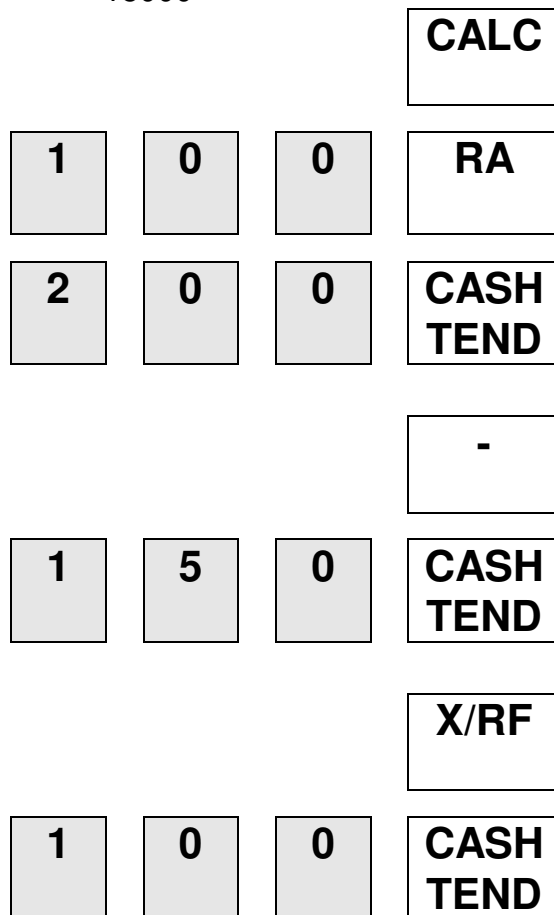
- Ensure the slide switch is in the **R** position
- Press the **CALC** key to enter the calculator mode
- Use the calculator functions as required.

RA	+
-	-
X/RF	x
CASH/TEND	=

- Press **C** clear to quit the calculator operation

Example Calculator

100 + 200 = 300
- 150 = 150
x 100 = 15000



REPORTING

Report Options

The register has two reporting modes **X** to **Print** reports and **Z** to **Print** and **Reset** report data. The following table below shows the report selections available

- Ensure the slide switch is in either **X** to read reports or **Z** to **Print** and **Reset**
- From the table below select the Report and choose the key to press
- Once the report has finished slide the switch to the **R** position.

Mode Switch		Report & Key to Press	Explanation
X - Read	Z- Reset	DAILY REPORT Press the CASH key	Sliding the switch to X and pressing CASH TEND will Print the Financial Report Sliding the switch to Z and pressing CASH TEND will Print and Reset the Financial Report
X - Read	Z- Reset	PERIOD REPORT Press the CH key	Sliding the switch to X and pressing the CH button will Print the running Period to date Report Sliding the switch to Z and pressing the CH button will Print and Reset the running Period to date Report
X		DELCLARE MONIES Enter total monies SUBTOTAL	This carries out the cash declared sequence Informing the register of how much money is actually in the cash drawer for comparison to the theoretical monies which is to be printed on the reports.

Cash Declaration Example

The entry of the actual monies in drawer amount prior to printing any reports showing the theoretical value is allowed.

This actual value is then compared to the theoretical Cash in Drawer and the difference displayed.

Within program mode it is possible using system option 1 to force this entry prior to printing reports.

- Ensure the slide switch is in **R** position
- Press the **#/NS** key to open cash drawer
- Count the actual sum of cash
- Ensure the slide switch is in **X** position
- Type in on the number keys the total amount of monies in the cash drawer
- Press the **SUBTOTAL** key
- The **X** or **Z** reports can then be taken as required. As shown above

Sample Receipt

10-09-97
70.00CA
70.26AT
-0.26
021-77

Total actual monies entered
Total theoretical cash in drawer
DIFFERENCE

REPORTING

Example Financial Daily Report

Shown below is how to print the financial report and an example of the report
The report can be set to show items with 0's or not depending on the system option program.

- Ensure the slide switch is in either **X** to print **Z** to reset all totals to zero
- Press the **CASH TEND** key

10-09-06 17-35	Date
001 Z	Z counter, mode switch position
024 @	Department1 counter
53.00TX1	Department1 total
025 @	Department2 counter
30.00 2	Department2 total
53.00TX	Taxable1 total
2.47TX	Tax1 total
30.00NT	Taxable2 total
1.66NT	Tax2 total
-0.24 %-	Percent total
-9.50 -	(-) total
73.26 * 1	Net sales total
-2.00RF	Return merchandise total
-3.00VD	Void total
85.00 * 2	Gross sales total
016 #	Customer counter
68.26CA	Cash total
5.00CH	Charge total
7.00RA	Received on account
5.00PO	Paid out
70.26AT	Cash in drawer
001 NS	No sale counter
.....	
85.00 * 3	Grand total
064-01	Receipt number, machine number

REPORTING

Example Period to Date Report

Shown below is how to print the Period-To-Date report and an example
The report can be set to show items with 0's or not depending on the system option program.

- Ensure the slide switch is in either **X** to print **Z** to reset all totals to zero
- Press the **CH** key

<p>01-02-06 10-33 1 *Z 425.71 *4 079-01</p>	<p>P-T-D GRAND TOTAL</p>
--	--------------------------

Example Calculations

Below are listed the common calculations shown on the previous report.

Mode	Explanation
NET SALES TOTAL	= DEPARTMENT TOTALS. (add positive, subtract negative) + TAX TOTAL (add-on, external straight tax version only) + % TOTAL + (-) TOTAL
GROSS SALES TOTAL	= NET SALES TOTAL. (add positive, subtract negative) - MERCHANDISE RETURN + (-) TOTAL + % TOTAL
ENDING GRAND TOTAL	= GROSS SALES TOTAL + PREVIOUS GRAND TOTAL

MAINTENANCE

Recommendations

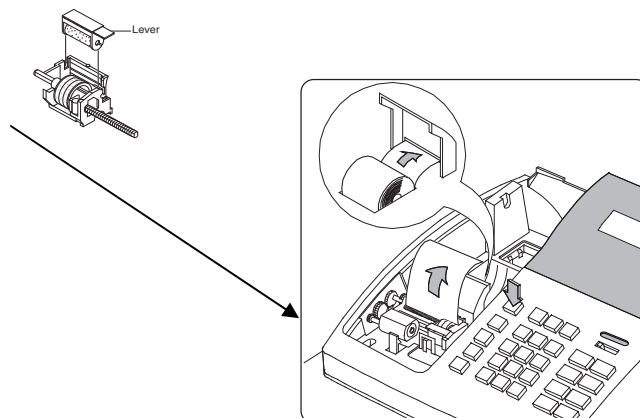
Shown below are common recommendations regarding the care of this product.

Recommendation
Avoid excess dust and extreme temperatures.
Be certain that the AC cord poses no danger of accidental tripping and that it is inserted firmly into the outlet
Use no chemicals or abrasives while cleaning cabinet or keyboard.
Do not pull or hold the paper while the register is printing.

Replacing the Ink Roller

The ink roller is a one-use article, re-inking the roller can cause damage to the printer and void warranty. When the print becomes faint, replace the ink roller as follows.

- Remove the old roller by lifting it out using the lever on the left-hand side
- Fit the new ink roller completely into the space as shown.



SPECIFICATION

Below are shown the technical specifications for this product.

	Specification	
DIMENSIONS	Reg. Size Net weight	325 mmW × 420 mmL × 225 mmH 5.3 kg
DRAWER	Size Weight	325 mmW × 420 mmL 95 mmH 3.3 kg
MODE KEY	Lock switch Positions Receipt on / off	Slide switch 5 (off, r, x, z, p) None (by program)
KEYBOARD	Type Number of keys Keystroke buffer	Rubber contact type 28 20
PRINTER	Model # Stations Paper Copy Print speed	M-42v 1 Single ply (57.5 mm) none thermal None 2.2 line / second
DISPLAY	Capacity Symbols	9 digits 5 (e, c, -, =, s)
POWER	Input Consumption Memory back-up Battery	Ac local voltage ±10%, 50 / 60 hz Standby : 2w, max : 8w 60 days Ms lithium 3.0v 11mah

