



380 / 420 /52xx M Series

FEATURE SET-UP MANUAL

CLERK INTERRUPT	4
CLERK INTERRUPT BY PUSH BUTTON	5
CLERK INTERRUPT BY SECRET CODE	6
GUEST CHECK MANAGEMENT	8
REMOTE GUEST PRINTING	9
REMOTE GUEST CHECK PRINTING	10
REMOTE ORDER PRINTING	12
BITMAP PRINTING	16
PC CONNECTION SETUP	18
SCANNER SETUP	20
POLE DISPLAY SETUP	24
PROGRAM CODES	26
REPORTING CODES	27

CLERK INTERRUPT

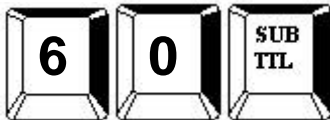
- *The ability to interrupt a sale in progress and commence another sale for a different employee is referred to as clerk interrupt*
- *The M series will operate either guest management or clerk interrupt but not the two features simultaneously. However the clerk interrupt feature can be used in conjunction with all other machine features such as kitchen printing, scanning etc.*
- *The clerk interrupt feature can be used via the ten clerk buttons, or via the Clerk # sign on button for up to 99 clerks.*
- *It is possible to issue a copy receipt for each clerk in the register, by pressing the clerk key followed by cash for a re-print receipt*

CLERK INTERRUPT BY PUSH BUTTON

Memory allocation print out

It is necessary to ensure the register has within the memory allocation, sufficient check lines within field 5 and checks available within field 4 also that soft check is selected as each clerk is represented by a check number in order to provided clerk interrupt. It should be noted that the guest check and clerk interrupt cannot be used together.

S-MODE



Enable Clerk Interrupt

P-MODE



Sign On by Push Button or Sequential Clerk No.

P-MODE



Allocating Clerk Push Button function keys

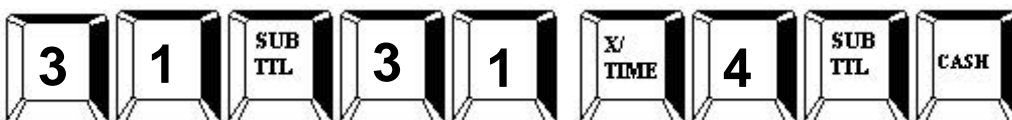
S-MODE



52xx Clerk 1 - 217 to 226 – Clerk 10
380 Clerk 1 – 111 to 120 – Clerk 10
420 Clerk 1 – 149 to 158 – Clerk 10

Preventing automatic receipt on finalisation

P-MODE



Auto Sign Off (Clerk Pop-Up)

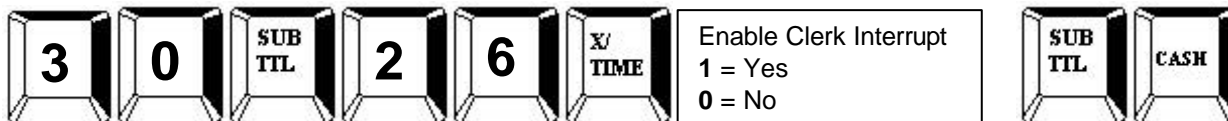
P-MODE



CLERK INTERRUPT BY SECRET CODE

Enable Clerk Interrupt

P-MODE



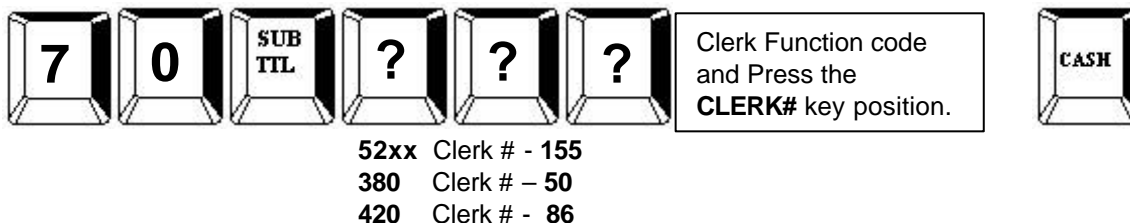
Sign On by Clerk key with secret codes

P-MODE



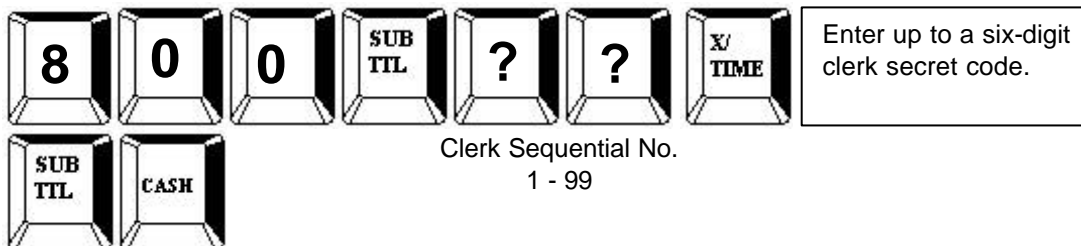
Allocating a CLERK# function key

S-MODE



Allocating Clerk Secret Codes

P-MODE



Auto Sign Off (Clerk Pop-Up)

P-MODE



Preventing automatic receipt on finalisation

P-MODE



GUEST CHECK MANAGEMENT

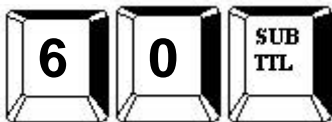
- *The M series allows for either clerk interrupt or guest check management providing full functionality for table tracking*
- *The register can run up to 100 lines per check for a maximum of 500 checks ram permitting.*
- *The bill can be produced using the ECR receipt printer with either an inbuilt graphics logo or user definable graphics logo and text. Alternatively the bill can be printed on an external printer with a 6-line receipt header and footer.*
- *It is possible to control the kitchen order printing during table management with print control of such items as check #, guest number, table # etc.*
- *The register also has the ability to carry out no detailed account management, for non-hospitality environments.*

GUEST CHECK MANAGEMENT

Memory allocation print out

It is necessary to ensure the register has within the memory allocation, sufficient check lines within field 5 and checks available within field 4 also that soft check is selected if detailed billing is to be provided. The memory allocation cannot be re-allocated on a working system, instructions for allocating memory can be found in the programming manual.

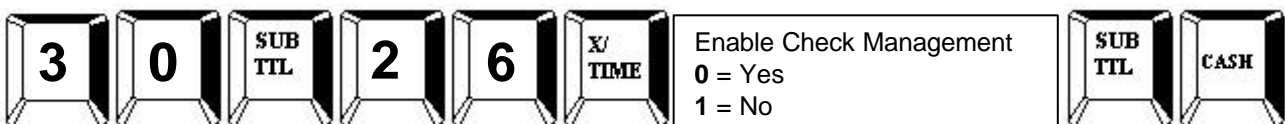
S-MODE



Enable Guest Check Management

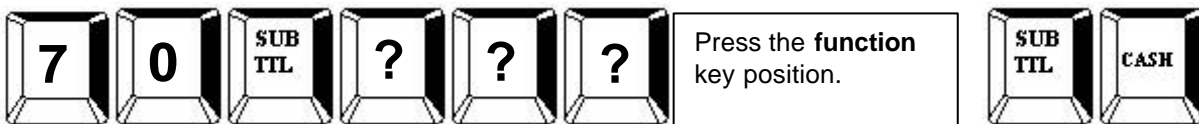
NOTE: When Check Management is enabled, clerk interrupt will not be functional

P-MODE



Allocating Guest Check Management Functions

S-MODE

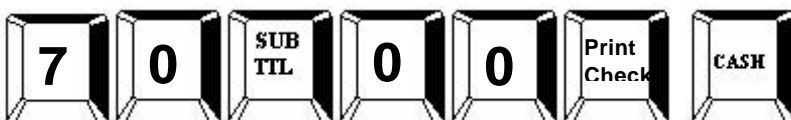


Enter the appropriate function code

52xx	153 – Check #	198 – Service	380	48 – Check #	93 – Service	420	84 – Check #	129 – Service
	191 – Print Check	166 – Guest #		86 – Print Check	61 – Guest #		122 – Print Check	97 – Guest #

Allocating Guest Check Receipt Printing

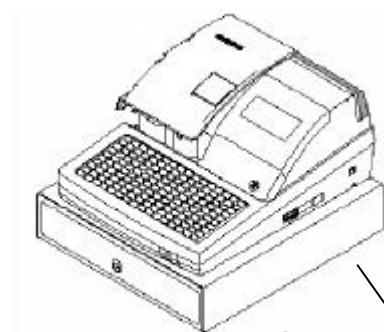
P-MODE



Please refer to the guest check printing for external print set-up.

REMOTE GUEST PRINTING

- The bill can be produced using the ECR receipt printer with either an inbuilt graphics logo or user definable graphics logo and text. Alternatively the bill can be printed on an external printer with a 6-line receipt header and footer.



RS232



External Bill

Default Printer Settings

Baud Rate 9600
Data Bits 8
Stop Bits 1
Parity None



External Bill

M Series TO PRINTER Cable

ECR 9M	25M PRINTER
3	3
2	2
6	20
8	
4	6
5	7

REMOTE GUEST CHECK PRINTING

Parity Port Setting

S-MODE

80 = Serial Port 1
81 = Serial Port 2

Enter the number of the port the printer is connected to
The number of ports is model dependant



Data Bits Port Setting

S-MODE

80 = Serial Port 1
81 = Serial Port 2



Stop Bits Port Setting

S-MODE

80 = Serial Port 1
81 = Serial Port 2



Device Function Port Settings

S-MODE

80 = Serial Port 1
81 = Serial Port 2

Sets the port for a remote printer

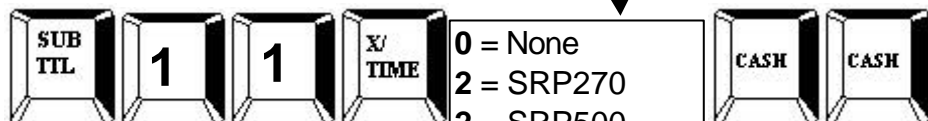


Printer Type Port Setting

S-MODE

80 = Serial Port 1
81 = Serial Port 2

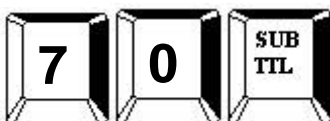
Enter the value of the model number of the printer



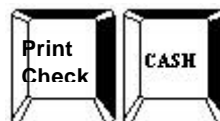
0 = None
2 = SRP270
2 = SRP500
4 = SRP350
For other printers see the manual

Allocating Guest Check Receipt Printing

P-MODE

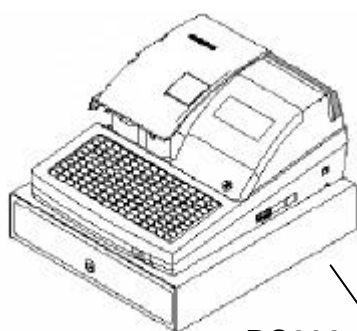


10 = Serial Port 1
20 = Serial Port 2



REMOTE ORDER PRINTING

- *It is possible to utilise both serial ports for kitchen printing direct from one machine, alternatively the kitchen ticket can be issued from the register's receipt printer.*
- *The groups are allocated with the printer port number, making it possible to designate different printers for different groups. The register also allows for priority sorting by group ensuring that starters can be printed before main course etc.*
- *The register allows for a large degree of print control. It is possible to print the retail price of the items, along with the total for the group; table, guest number etc.*



RS232



Kitchen
Printer

Default Printer Settings

Baud Rate 9600
Data Bits 8
Stop Bits 1
Parity None



Kitchen Printer

M Series TO PRINTER Cable

ECR 9M	25M PRINTER
3	3
2	2
6	20
8	
4	6
5	7

REMOTE ORDER PRINTING

Setting a Group to Print to a Remote Printer

P-MODE

Enter the number of the port the printer is connected to
The number of ports is model dependant

9 0 0 SUB TIL Enter the value of the group you want to program

X/ TIME 2 1 = Receipt
2 = Port 1
4 = Port 2 0

SUB TIL CASH

Linking a PLU to a Group

P-MODE

1 5 0 SUB TIL Enter the number of the PLU Number

X/ TIME CASH

PLU Enter the number of the group you want to link the PLU to

REMOTE ORDER PRINTING

Parity Port Setting

Enter the number of the port the printer is connected to
The number of ports is model dependant

S-MODE

80 = Serial Port 1
81 = Serial Port 2



Data Bits Port Setting

S-MODE

80 = Serial Port 1
81 = Serial Port 2



Stop Bits Port Setting

S-MODE

80 = Serial Port 1
81 = Serial Port 2



Device Function Port Settings

Sets the port for a remote printer

S-MODE

80 = Serial Port 1
81 = Serial Port 2

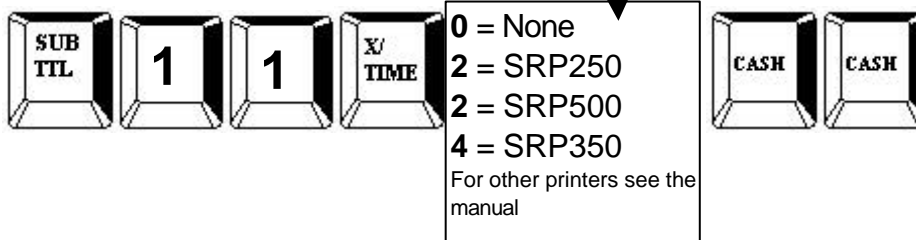


Printer Type Port Setting

Enter the value of the model number of the printer

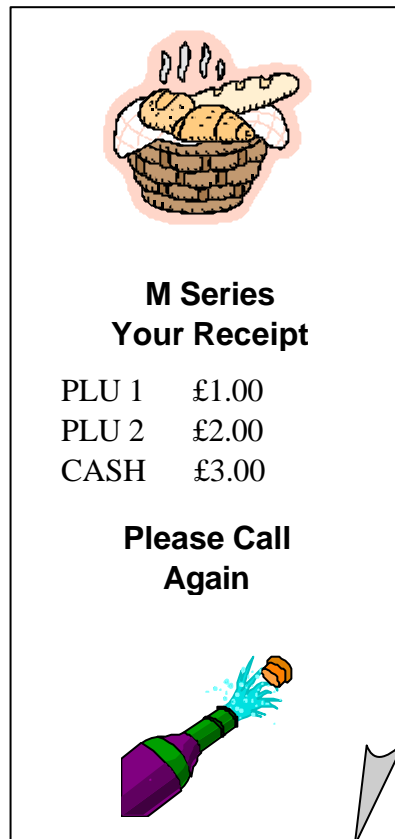
S-MODE

80 = Serial Port 1
81 = Serial Port 2



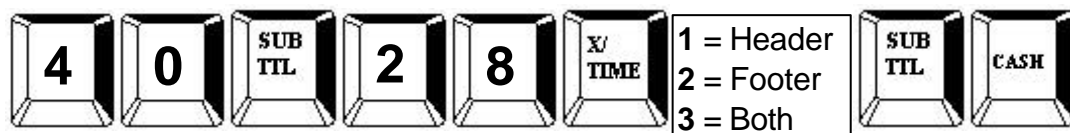
BITMAP PRINTING

- *The bill can be produced using the ECR receipt printer with either an inbuilt graphics logo or user definable graphics logo and 6 lines header and footer logo text.*
- *The register will allow two graphic images, which can be either inbuilt or alternatively custom designed and downloaded from the PC utility.*



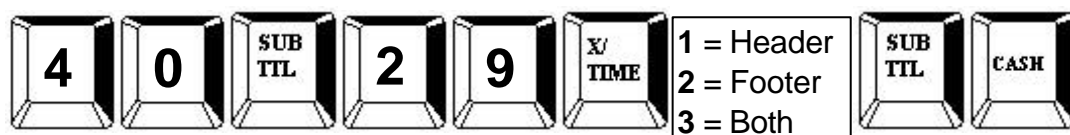
Setting the Graphical logos to print on the receipt

P-MODE



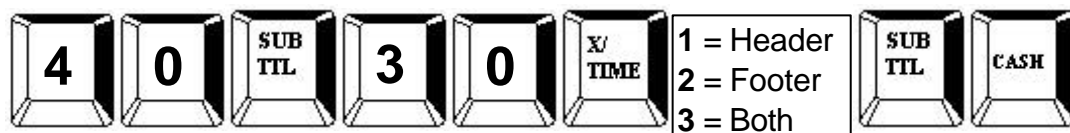
Setting the Graphical logos to print on the guest check

P-MODE



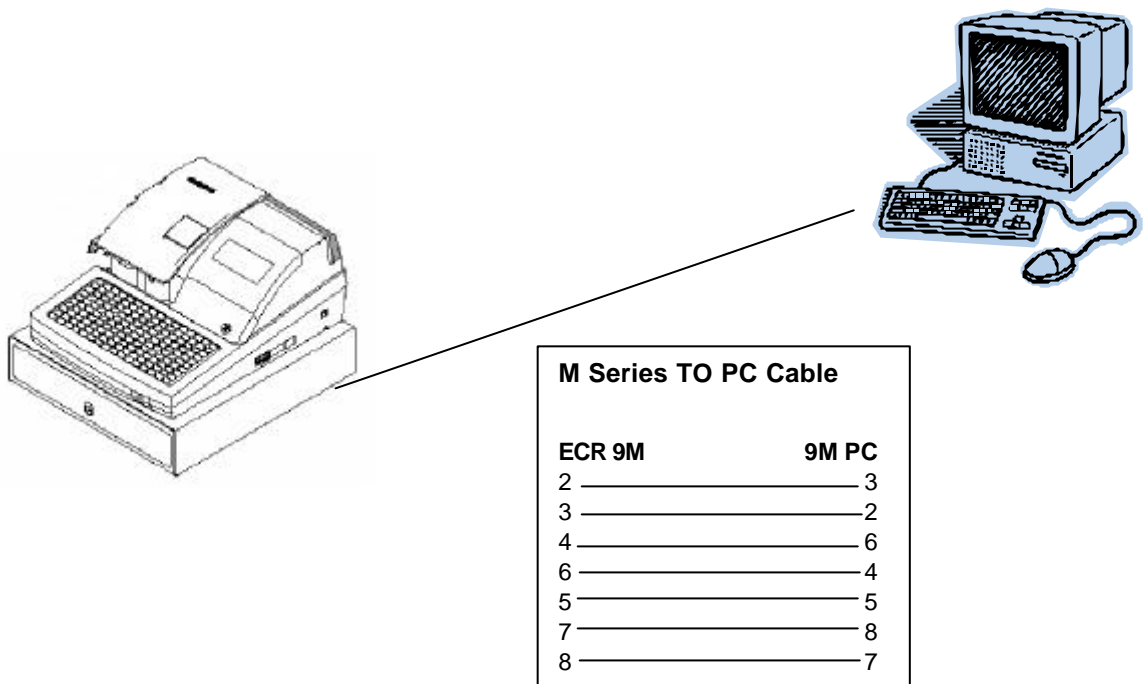
Setting the M series to use the customized Graphical logo

P-MODE



PC CONNECTION SET-UP

- *The M PC Utility provides the option to upload and download program files.*
- *The graphics logo can be designed on a PC and transmitted using the utility to the register.*
- *It is also possible to upload X1, Z1, and X2, Z2 reports to the PC.*
- *The register will automatically go into PC download mode providing a clerk is signed on to the register.*



Baud Rate Setting

Enter the number of the port the printer is connected to
The number of ports is model dependant

S-MODE

80 = Serial Port 1
81 = Serial Port 2



Parity Port Setting

S-MODE

? 80 = Serial Port 1
81 = Serial Port 2



Data Bits Port Setting

S-MODE

80 = Serial Port 1
81 = Serial Port 2



Stop Bits Port Setting

S-MODE

80 = Serial Port 1
81 = Serial Port 2



Device Function Port Settings

Sets the port to connect to a PC

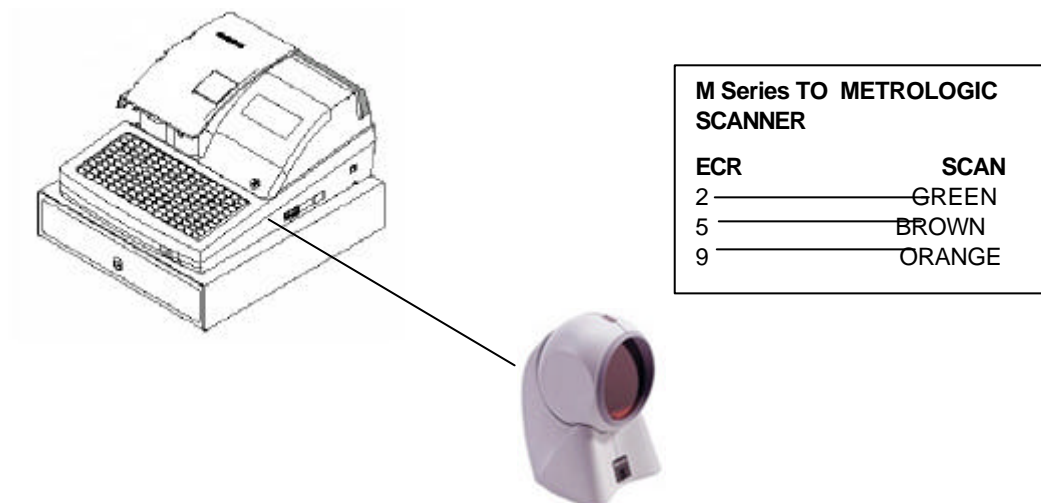
S-MODE

80 = Serial Port 1
81 = Serial Port 2



SCANNER SET-UP

- *The M series allows for full stand alone scanning functionality*
- *Features such as price change, price inquire and not found are available within the function list.*
- *The register also provides mix and match discount for up to 99 discount tables.*

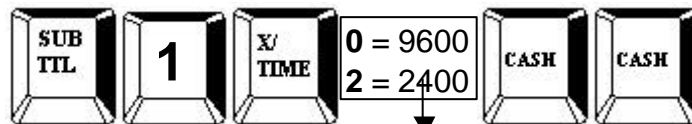


Baud Rate Port Setting

S-MODE

80 = Serial Port 1
81 = Serial Port 2

Enter the number of the port the printer is connected to
The number of ports is model dependant



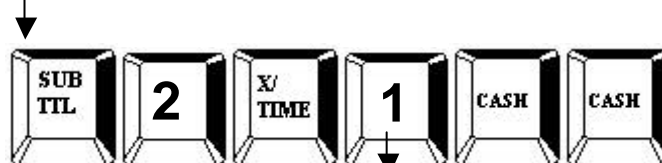
Set Baud Rate

Parity Port Setting

S-MODE

80 = Serial Port 1
81 = Serial Port 2

Enter the number of the port the scanner is connected to



Odd Parity

Data Bits Port Setting

S-MODE

80 = Serial Port 1
81 = Serial Port 2



8 Data Bits

Stop Bits Port Setting

S-MODE

80 = Serial Port 1
81 = Serial Port 2



1 Stop Bit

Device Function Port Settings

S-MODE

80 = Serial Port 1
81 = Serial Port 2












Sets the port for a Scanner

SCANNER SET-UP SHEET

METROLOGIC MS9520/40 (NEW VOYAGER) CONFIGURATION TO M










Scan the following barcodes in sequence to setup the scanner. If an error occurs, turn the scanner off then on and start again.

1		
ENTER PROGRAM MODE		³ 9 9 9 9 9 9
2		
RECALL DEFAULTS		³ 9 9 9 9 9 8
3		
ENABLE RS-232		³ 4 1 5 5 5 4
4		
2400 BAUD RATE		³ 4 1 5 8 3 0
5		
ODD PARITY		³ 3 1 6 0 0 5
6		
8 DATA BITS		³ 1 1 6 0 1 3
7		
LF OFF		³ 1 1 6 6 0 2
8		
UPC/EAN PREFIX ON		³ 1 1 6 6 1 5
9		
EXIT PROGRAM MODE		³ 9 9 9 9 9 9

SCANNER SETUP SHEET

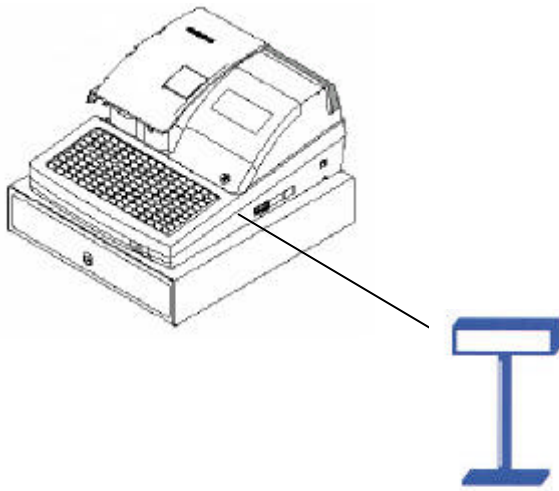
METROLOGIC MS7120 (ORBIT) CONFIGURATION FOR M

Scan the following barcodes in sequence to setup the scanner. If an error occurs, turn the scanner off and on and start again

1	ENTER CONFIG MODE	5	ENABLE UPC PREFIX
			
2	RECALL DEFAULTS	7	8 DATA BITS
			
3	DISABLE LF SUFFIX	8	9600 BAUD RATE
			
4	ODD PARITY	9	EXIT CONFIG MODE
			
5	ENABLE RS-232 MODE		
			

POLE DISPLAY SETUP

- *The M range all have a built in customer display, but if you require an additional display, a pole display can be connected via one of the two serial ports. This will require external power.*
- *The M series also supports multi-line display, which means it will show you detailed information about the PLU and sale totals*



M Series TO SAMSUNG POLE DISPLAY

ECR	POLE
3	RED
5	BLUE
9	WHITE
4	
8	

Baud Rate Port Setting

S-MODE

Enter the number of the port the printer is connected to
The number of ports is model dependant

80 = Serial Port 1
81 = Serial Port 2



Set Baud Rate

Parity Port Setting

S-MODE

80 = Serial Port 1
81 = Serial Port 2



Odd Parity

Stop Bits Port Setting

S-MODE

? 80 = Serial Port 1
81 = Serial Port 2



1 Stop Bit

Device Function Port Settings

S-MODE

? 80 = Serial Port 1
81 = Serial Port 2

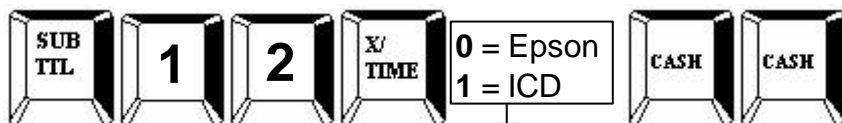


Sets the port for a Pole Display

Data Bits Port Setting

S-MODE

? 80 = Serial Port 1
81 = Serial Port 2



Pole Display Type

PROGRAM CODES

Diagnostics

CODE	DESCRIPTION	MODE
10 SUB	1 x printer and drawer test	S
11 SUB	Display and buzzer test	S
12 SUB	Keyboard test (turn mode lock to exit)	S
13 SUB	Mode lock test	S
14 SUB	Printer and drawer life test	S
15 SUB	Printer life test	S

Reset Codes

20 SUB	Reset all totals	S
30 SUB	Grand totals	S
40 SUB	PLU file	S

Miscellaneous Codes and Program Scans

15 SUB	Program scans	P
50 SUB	Eprom information	S
60 SUB	Memory allocation	S
70 SUB	Function key assignment	S
80 SUB	Device connection to Port 1	S
81 SUB	Device connection to Port 2 (model dependant)	S
90 SUB	Function key HALO	P

ECR Programming

100 SUB	PLU Status	P
150 SUB	PLU Group assignment	P
200 SUB	PLU Price/HALO	P
250 SUB	PLU Stock amount	P
280 SUB	PLU Minimum stock amount	P
300 SUB	PLU Descriptor	P
350 SUB	PLU Link	P
400 SUB	PLU Delete	P
450 SUB	PLU Mix and match	P
600 SUB	Mix and match trip level	P
601 SUB	Mix and match price	P
610 SUB	Mix and match descriptor	P
700 SUB	Logo descriptor	P
701 SUB	Financial report message	P
710 SUB	Clerk report message	P
711 SUB	Macro name	P
800 SUB	Secret code programming	P
801 SUB	Drawer assignment & training clerk	P
810 SUB	Descriptor programming	P
900 SUB	Group status	P
910 SUB	Group descriptors	P
1000 SUB	NLU code number	P
1100 SUB	Cash-in-drawer limit	P
1200 SUB	Cheque change limit	P
1300 SUB	Date and time programming	P
1500 SUB	Macro key sequence	P
1600 SUB	Machine number programming	P
1800 SUB	Training mode password	P
1900 SUB	Euro rounding program	P
2000 SUB	Macro schedule	P

REPORTING CODES

Report Type	Report Number	Report Mode	Control Lock Position	Key Sequence
Financial	1	X	X	1 – SBTL
		Z	Z	1 – SBTL
		X2	X	201 – SBTL
		Z2	Z	201 – SBTL
Time	2	X	X	2 – SBTL
		Z	Z	2 – SBTL
		X2	X	202 – SBTL
		Z2	Z	202 – SBTL
All PLU	3	X	X	3 – SBTL
		Z	Z	3 – SBTL
		X2	X	203 – SBTL
		Z2	Z	203 – SBTL
All Clerk	4	X	X	4 – SBTL
		Z	Z	4 – SBTL
		X2	X	204 – SBTL
		Z2	Z	204 – SBTL
Group	5	X	X	5 – SBTL
		Z	Z	5 – SBTL
		X2	X	205 – SBTL
		Z2	Z	205 – SBTL
All Stock	6	X	X	6 – SBTL
		Z	Z	6 – SBTL
Void	7	X	X	7 – SBTL
		Z	Z	7 – SBTL
		X2	Z1	207 – SBTL
		Z2	Z2	207 – SBTL
Daily Sales	8	X2	X	208 – SBTL
		Z2	Z	208 – SBTL
Individual Clerk Report	9	X	X	9 – SBTL - #-CLERK - #-CLERK
		X2	X	209 – SBTL - #-CLERK - #-CLERK
Mix and Match	10	X	X	10 – SBTL
		Z	Z	10 – SBTL
		X2	X2	210 – SBTL
		Z2	Z2	210 – SBTL
Open Table	11	X	X	11 – SBTL
		Z	Z	11 – SBTL
Training	12	X	X	12 – SBTL
		Z	Z	12 – SBTL
		X2	X2	212 – SBTL
		Z2	Z2	212 – SBTL
From/To PLU	13	X	X	

		X2	X2	13-SBTL XXXX – PLU – XXXX – PLU 213-SBTL XXXX – PLU – XXXX – PLU
From/To Stock	14	X	X	14-SBTL XXXX –PLU – XXXX – PLU
Minimum Stock	15	X	X	16 – SBTL
Drawer Total	16	X	X	111-SBTL

