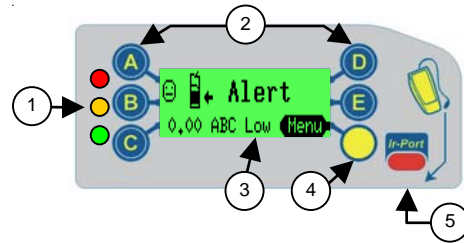


Quick Reference Card V 1.18

Understanding the User Interface Keypad



1	3 LEDs	Red, Amber, Green
2	A to E	Dispense coins & navigate through menus
3	Display (LCD)	Menu information & warning display
4	Mode Button	Access service & set-up menus
5	Service Connector	CPM Compatible

General Keypad Operation

When the coin manager is in the idle state, the blue buttons can be used to dispense coins from the tubes. If however, the mode button is pressed beforehand, these buttons are used to navigate through the service & set-up menu options.

Keypad General Operation			
A	Dispense coin A	D	Dispense coin D
B	Dispense Coin B	E	Dispense coin E
C	Dispense Coin C	Mode	

The mode button can be used to access the two configuration modes available. Service Mode and Set-up mode.

Service Mode: gives access to the most frequently used product configuration options. (See Service Mode Options)

Set-up Mode: gives access to general product configuration options that are required when setting up your Coin Manager. (See Set-up Mode Options)

Mode Button Operation	
Mode Button	Press Once to access Service Mode menu
Mode Button	Press & Hold for 2 seconds to access Set-up Mode menu
Mode Button + A	Press twice to view Coin Manager audit data. Ensure tube cassette is fitted.
Mode Button + B	Remove tube cassette and press twice to Park the dispenser arms.

Service Mode Options

Press Button Sequence	Description / Action
A	PAR coin tubes / Insert coins if asked
D	Custom tube cassette teach / Follow Instruction
D, D, D	Predefined tube cassette teach

LED Light Codes

The 3 LEDs fitted on the Coin Manager provides up to the minute status information. Please refer to the table below for more details.

On	Coin Manager OK	😊
Cycles X 5	Normal power up / Reset or Accept (prior to going solid green). Coin Manager OK	😊
Blinks off	Coin accepted/ Rejected (Refer to green LED Codes on the next page)	😐
Flashing	Coin Manager in Menu mode (Refer to green LED Codes)	
On	Coin Manager inhibited by VMC	
Flashing	Coin Manager requires attention (Refer to Amber LED Codes)	😐
Off	No Power to Coin Manager . Check Power harnesses are connected & ensure power is switched ON.	
Alternating	Coin Manager Faulty (Send unit in for repair)	😞

Green LED Codes

After Pressing Mode Button	LED Codes for when in Set-up or Service Mode	
Slow Flash	Coin manager is in Set-up Mode/ Service	
Fast Flash	Message Available	

Coin Accepted / Rejected	Coin Discrimination LED Codes	
1 X Blink	Inserted coin was accepted	
2 X Blink	Inserted coin was rejected - unknown (not recognized by discriminator)	
3 X Blink	Coin rejected/inhibited by machine or Coin Manager program settings	

Amber LED Codes

The amber LED allows you to pinpoint a fault that may have occurred on one of the modules of the coin manager. These types of fault can be rectified at the machine and can be for example; a coin jam, dirt built up on a particular sensor or cassette removed etc. The Coin Manager also displays the fault on it's display.

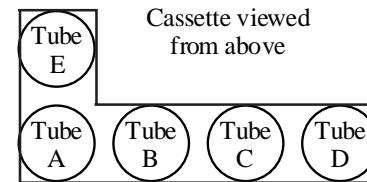
Amber Flashes	Coin Manager Maintenance LED Codes	
1 X	Discriminator error	Alert Reject Lever
2 X	Accept gate error	Alert Accept gate
3 X	Separator module top level sensor Tube cassette error	Alert Cassette out
4 X	Dispenser module error	Alert Dispenser C
5 X	Low on change	Alert Low on Change

Selecting a Predefined Cassette

The Coin Manager has stored in memory a selection of predefined tube cassettes. Each cassette allows a different payout option to be selected. (See table below). Using the buttons on the keypad, press the button sequence as shown on the table or refer to the tube cassettes front label for the button sequence. Once the Coin Manager has accepted the code, the chosen cassette will be set.

To set a Predefined cassette : Press D followed by the key code

Key Code	Tube A	Tube B	Tube C	Tube D	Tube E
AA	10c	5c	25c	25c	5c
AB	10c	5c	25c	\$1	5c
BA	25c	5c	25c	25c	25c
BB	10c	5c	10c	25c	5c
CC	Custom cassette 1 - defined in factory or by service tool				
CD	Custom cassette 2 - define yourself using cassette teach				
DAC	25c	5c	\$1	\$1	25c
DCA	25c	10c	25c	\$1	5c
DCB	25c	10c	\$1	\$1	5c
DCC	25c	10c	25c	25c	5c
DCD	5c	10c	10c	10c	5c
DCE	10c	10c	10c	10c	5c



The Coin Manager can also be custom configured by removing any of the coin tubes and replacing them with another denomination tube. But there are restrictions:

Always include at least one 5c tube in all custom configured cassettes.

Do not place the \$1 tube in tube A or B position.

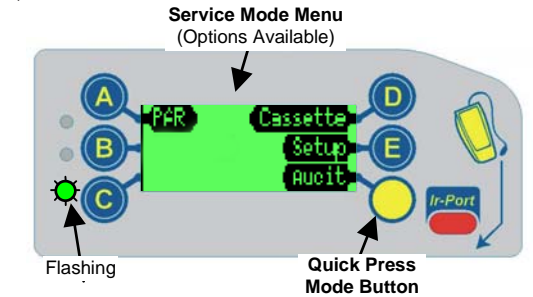
Do not place the 25 cent tube in tube B position.

Do not place the 10 cent tube in tube E position.

Coin	Tube # & Base Color	Max Fill (\$) (by Coin Manager)	Manual Fill (\$) (do not fill more than)	Position In cassette
5c	22 Red	77 (\$3.85)	87 (\$4.35)	A,B,C,D,E
10c	20 White	115 (\$11.50)	127 (\$12.70)	A,B,C,D
25c	25 Black	84 (\$21.00)	96 (\$24.00)	A,C,D,E
\$1	27 Blue	69 (\$69.00)	81 (\$81.00)	C,D,E

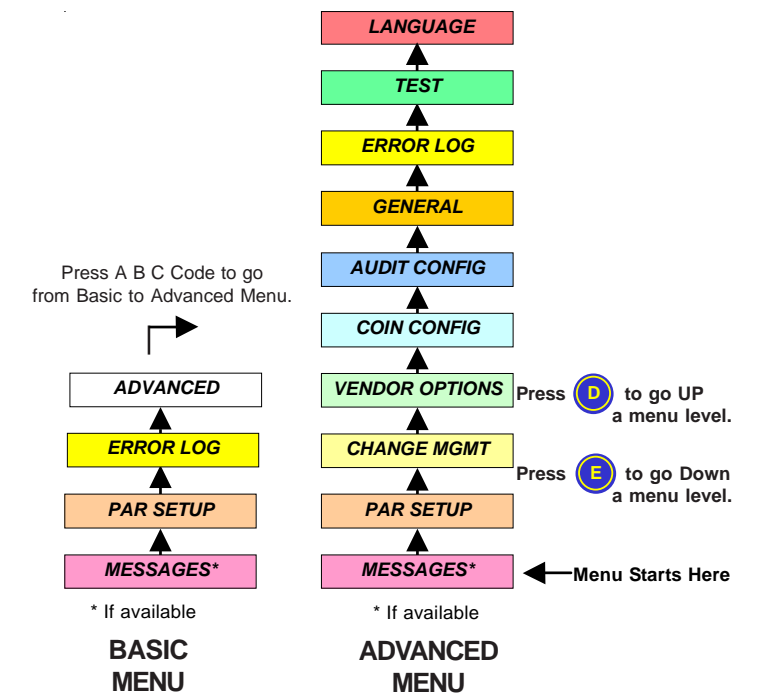
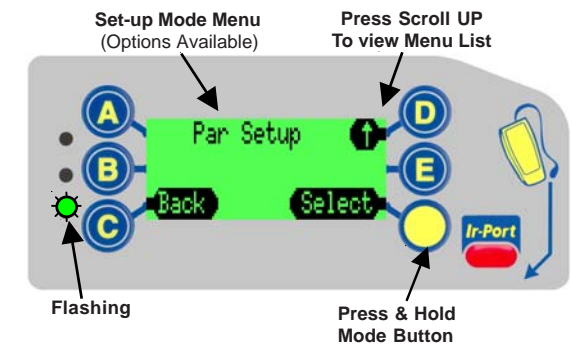
Accessing the Service Mode Menu

A Quick press of the Yellow (mode) button will take you into the **Service Mode menus**. The display will change to show the available option available. (see picture below).



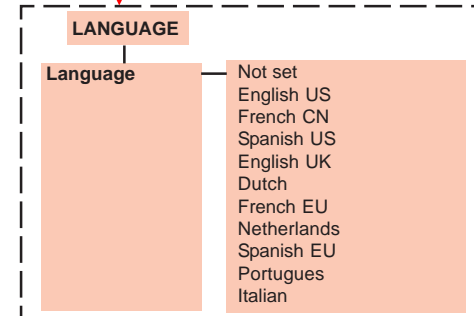
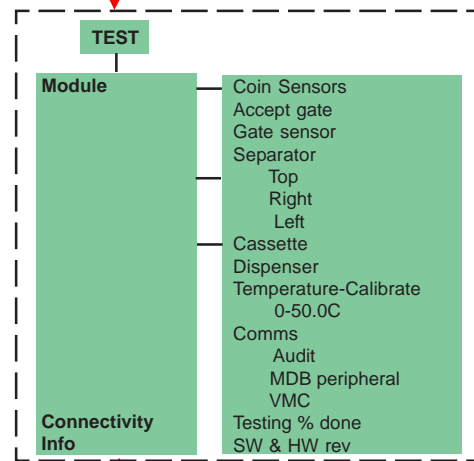
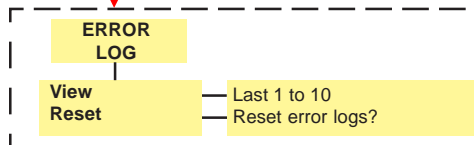
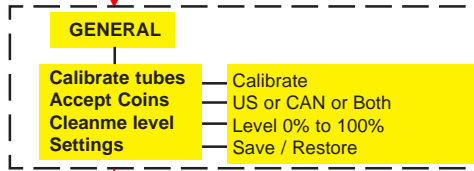
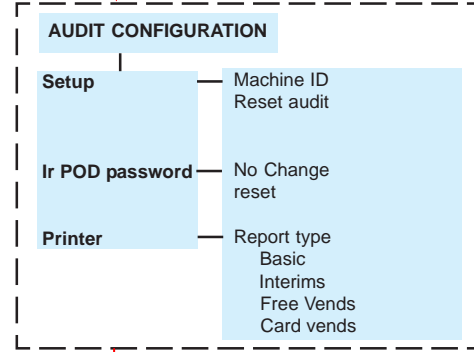
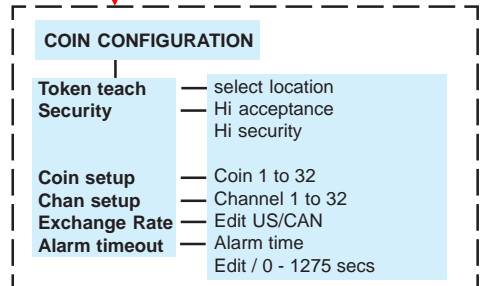
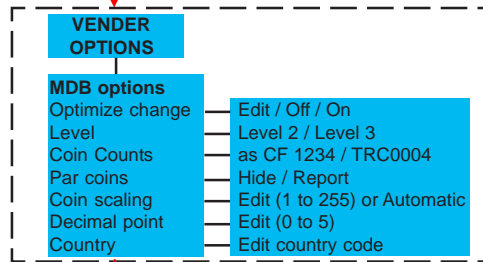
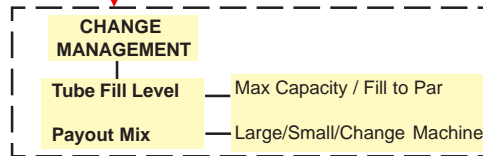
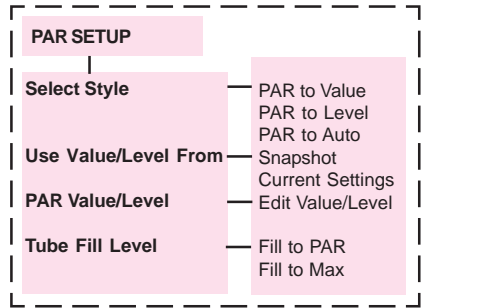
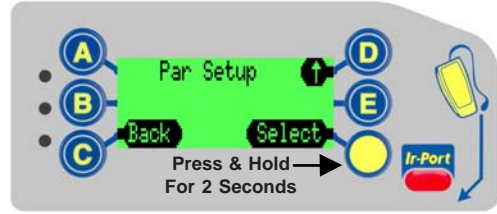
Accessing the Set-up Mode Menu

To access the Set-up Mode menus, press and hold the yellow (mode) button for approximately 2 seconds. The display will change to show the available options available (see picture below).



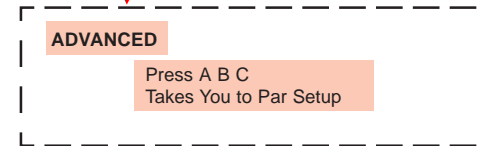
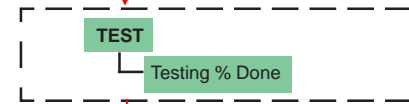
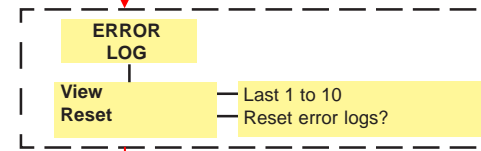
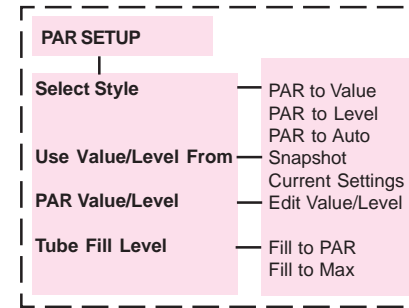
Advanced Mode Menus

This chart shows a detailed structure of the Advanced Set-up Menu.



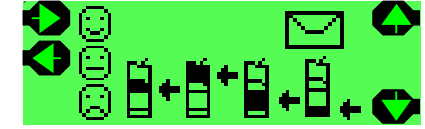
Basic Mode Menus

This chart shows a detailed structure of the Basic Set-up Menu.



Display - Symbol Indicators

During the coin manager programming or normal operation, icons may be shown on the display. These icons will indicate if the coin manager requires any attention or will assist you in selecting a particular program mode.



Symbol	Meaning	Comment
	Menu Navigation	Move Cursor to the Right
	Menu Navigation	Move Cursor to the Left
	Menu Navigation	Move Up through Menu
	Menu Navigation	Move Down through Menu
	Message Waiting*	A message has been left for you to read
	Smiley face	Coin Manager is OK
	Average face	Coin Manager requires assistance
	Sad face	Coin Manager requires replacing
	Maintenance required	Check Discriminator for coin jam or foreign material
	Maintenance required	Check Accept gate for coin jam or foreign material
	Maintenance required	Check Separator coin level sensors for coin jam or foreign material
	Maintenance required	Check Dispenser for coin jam or foreign material

***Message Waiting Icon:-** If there is a message waiting to be read, the envelope icon will be shown on the display. This message is displayed when/if the coin manager has detected that it can be optimized for better performance e.g. better tube combinations, payout algorithm etc. thus improving sales.

Reading the Message: Access the setup menu in the normal way (the display will show the word "messages") and follow the instructions on the display. The messages will be displayed in the order of; last in first out. The coin manager can store up to four messages at a time, when these have been read, you can delete them by going through to the delete messages menu.