

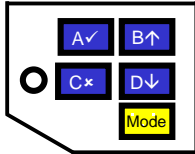


SERVICE MODE OPTIONS

Press	Press	Description / Action	Press
Mode	A	Float-up coin tubes / Insert coins	Mode
Mode	A A	Clear credit accumulated – (Not MDB) & Clear Clean Me Message	
Mode	A B	Float level reset	
Mode	A C	Float down coin tubes	
Mode	A D	Float teach / Insert coins	1.5s
Mode	B	Inhibit a coin / Insert a coin	Reject Lever
Mode	B	Enable a coin / Insert a coin	Mode
Mode	B A	View coin details	Mode
Mode	B B	View coin-set	Mode
Mode	C	Price Teach	Mode
Mode	D	Custom tube cassette teach	Mode
Mode	D ? ?	Pre-defined tube cassette teach	Reject Lever

Quick Reference Card

Using the Multi-Function Program Keys



Each (Blue) key has two functions. General operation and Menu function.

General Operation		Menu Function	
A	Dispense coin A	✓	Enter / Confirm
B	Dispense Coin B	↑	Scroll Up
C	Dispense Coin C	✕	Exit
D	Dispense Coin D	↓	Scroll Down

There are 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 changegiver. (See Set-up Mode Options)

To access either mode or to view tube audit data the mode key will need to be pressed as shown below.

Mode	Quick press to access Service Mode	
Mode	Press & Hold for 2 seconds. to access Set-up Mode	
Mode	Mode	Press twice to view tube audit data. Only operates when tube cassette is fitted.
Mode	Mode	Parking dispenser arms. Only operates when tube cassette is not fitted

GREEN LED CODES

Altering Settings		Slow Flash	Changegiver "MODE" button has been pressed. Changegiver is now in service mode.
		Fast Flash	Changegiver Set-up mode has been activated.
Coin accepted Or Rejected		1 x Blink	Coin Accepted
		2 x Blinks	Coin Rejected (not recognised)
		3 x Blinks	Coin Rejected (Inhibited by machine /changegiver program settings)

AMBER LED CODES

The Amber LED helps you to diagnose changegiver faults in the field.

The LED can flash between 0 and 4 times to indicate a repairable fault to a specific changegiver module. More information is given on a label, which is stuck onto the separator solenoid bank.

Number of Flashes	Module Requiring Service
1 x	• Discriminator
2 x	• Accept Gate
3 x	• Separator Top Level Sensors • Tube Cassette Top Level Prisms
4 x	• Dispenser

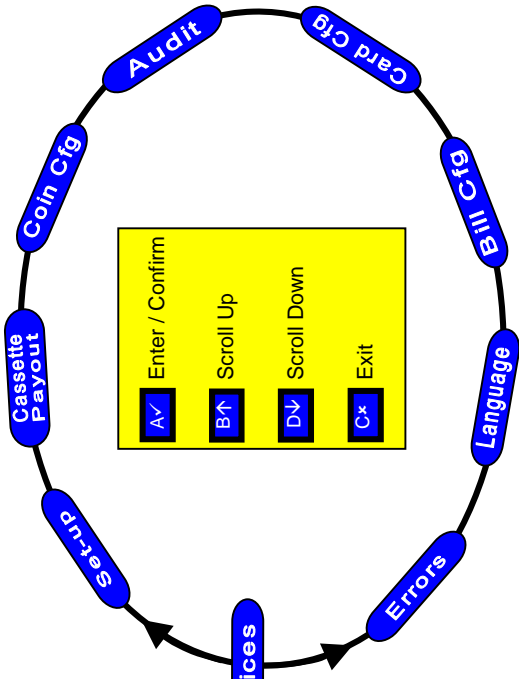
THE LED HELP GUIDE

	On	Changegiver OK	→ 😊
	Cycles X 3	Changegiver OK Normal power up sequence / Reset	→ 😊
	Blinks Off	Coin accepted / rejected (Refer to Green LED codes)	→ 😊
	Flashing	Programme mode selected (Refer to Green LED codes)	→ 😊
	On	Changegiver operation inhibited by VMC	
	Flashing	Changegiver maintenance required (Refer to Amber LED Codes)	→ 🤔
	Off	Changegiver has no power or No power loom connected. Is the power switched ON?	
	Alternating	Faulty changegiver (Take it out and return it for repair)	→ 😞

Predefined Cassettes

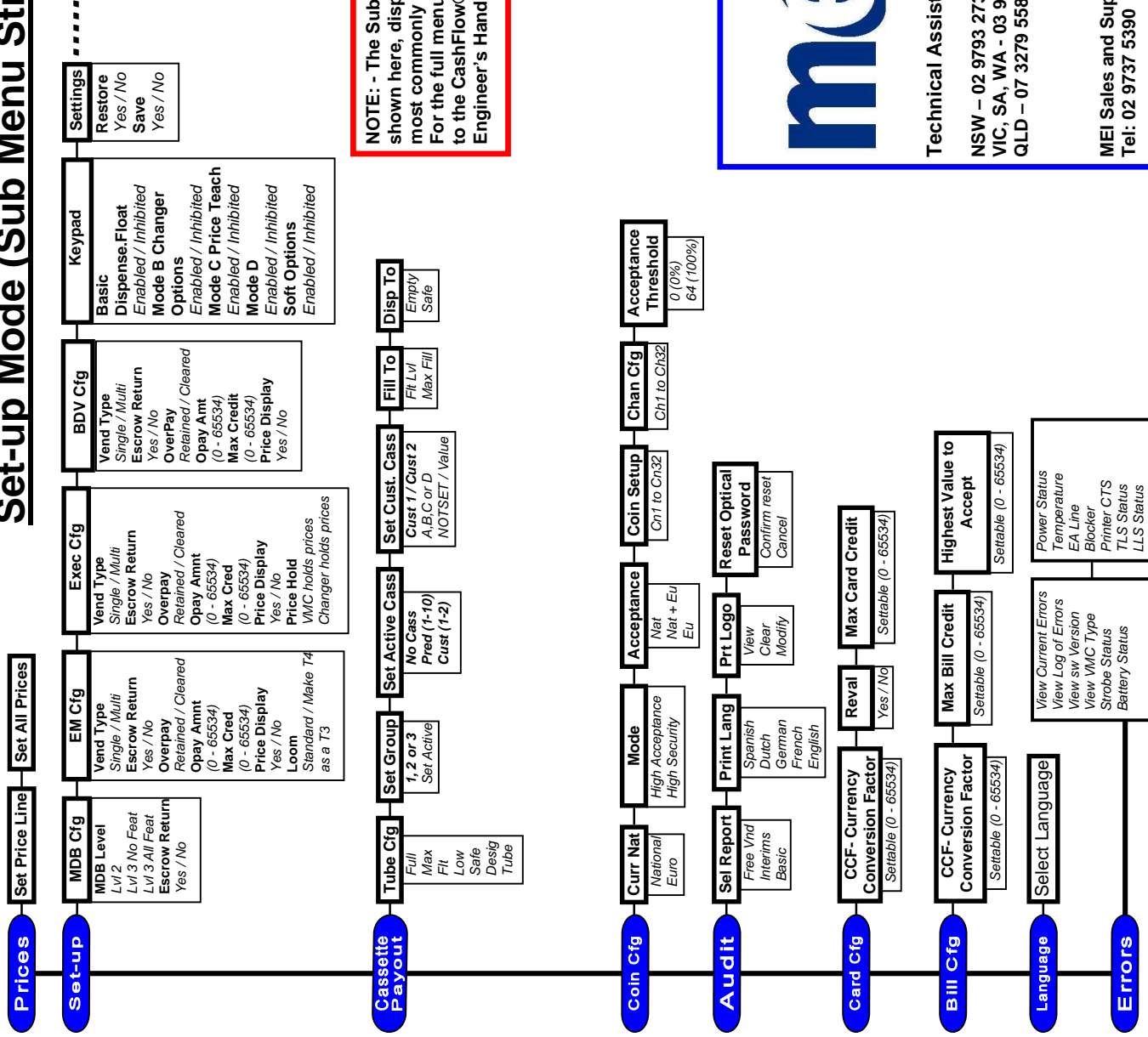
Code	A	B	C	D
Mode DAA	10c	50c	20c	20c
Mode DAB	10c	10c	20c	20c
Mode DAC	10c	10c	20c	10c
Mode DAD	10c	50c	20c	\$1
Mode DBA	10c	50c	20c	\$2
Mode DBB	10c	50c	20c	10c
Mode DBC	10c	20c	20c	\$1
Mode DBD	10c	20c	20c	20c
Mode DCA	10c	20c	\$1	\$2
Mode DCB	NOT	USED		

Set-up Mode Menu Options



To access the **Set-up mode menu**, press and hold the mode button for 2 seconds. Press Key **B** to scroll **Up**. Press Key **D** to scroll **Down**.

Set-up Mode (Sub Menu Structure)



NOTE: - The Sub Menu Structure shown here, displays only the most commonly used options. For the full menu structure, refer to the CashFlow® 690 Field Engineer's Handbook.

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