

SERVICE MODE OPTIONS

Press	Press	Description / Action	Press
	A	Float-up coin tubes / Insert coins	
	A A	Clear credit accumulated – (Not MDB)	
	A B	Float level reset	
	A C	Float down coin tubes	
	A D	Float teach / Insert coins	
	B	Inhibit a coin / Insert a coin	Reject Lever
	B	Enable a coin / Insert a coin	
	B A	View coin details	
	B B	View coin-set	
	B D A	Set Euro transition stage 1	Reject Lever
	B D B	Set Euro transition stage 2	Reject Lever
	B D C	Set Euro transition stage 3	Reject Lever
	B D D	Set Euro transition stage 4	Reject Lever
	C	Price Teach	
	D	Custom tube cassette teach	
	D ? ?	Predefined tube cassette teach	Reject Lever
	D D ? ?	Predefined Euro cassette teach	Reject Lever

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	Program 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)	→

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.

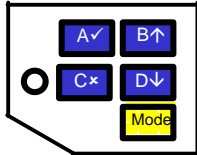
Number of Flashes	Module Requiring Service
1 x	• Discriminator
2 x	• Accept Gate
3 x	• Separator Top Level Sensors • Tube Cassette Top Level Prisms
4 x	• Dispenser

Predefined Cassettes

Code	A	B	C	D
AA	1p	2p	5p	20p
AB	5p	10p	50p	20p
AC	5p	1p	2p	20p
AD	5p	20p	50p	10p
BA	5p	20p	20p	10p
BB	5p	20p	2p	1p
BC	10p	20p	50p	£1
BD	1p	20p	2p	10p
AA	0,05 €	0,10 €	0,50 €	0,20 €
AB	0,01 €	0,05 €	0,50 €	0,10 €
AC	0,01 €	0,02 €	0,50 €	0,10 €
AD	0,05 €	0,10 €	0,50 €	0,10 €
BA	0,10 €	0,10 €	0,50 €	0,20 €
BB	0,05 €	0,10 €	0,20 €	0,10 €
BC	0,05 €	0,05 €	0,50 €	0,10 €
BD	0,01 €	0,05 €	0,02 €	0,10 €
CA	0,01 €	0,05 €	0,20 €	0,10 €
CB	0,10 €	0,20 €	0,50 €	1 €

Quick Reference Card

Using the Multi-Function Program Keys



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

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

There are two configuration modes available. Service Mode and Set-up mode.

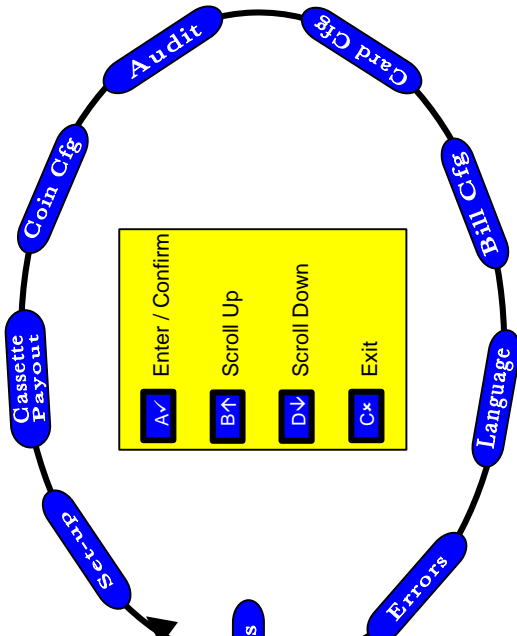
Service Mode: gives access to the most frequently used product configuration options. (See Service Mode Options)

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.

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

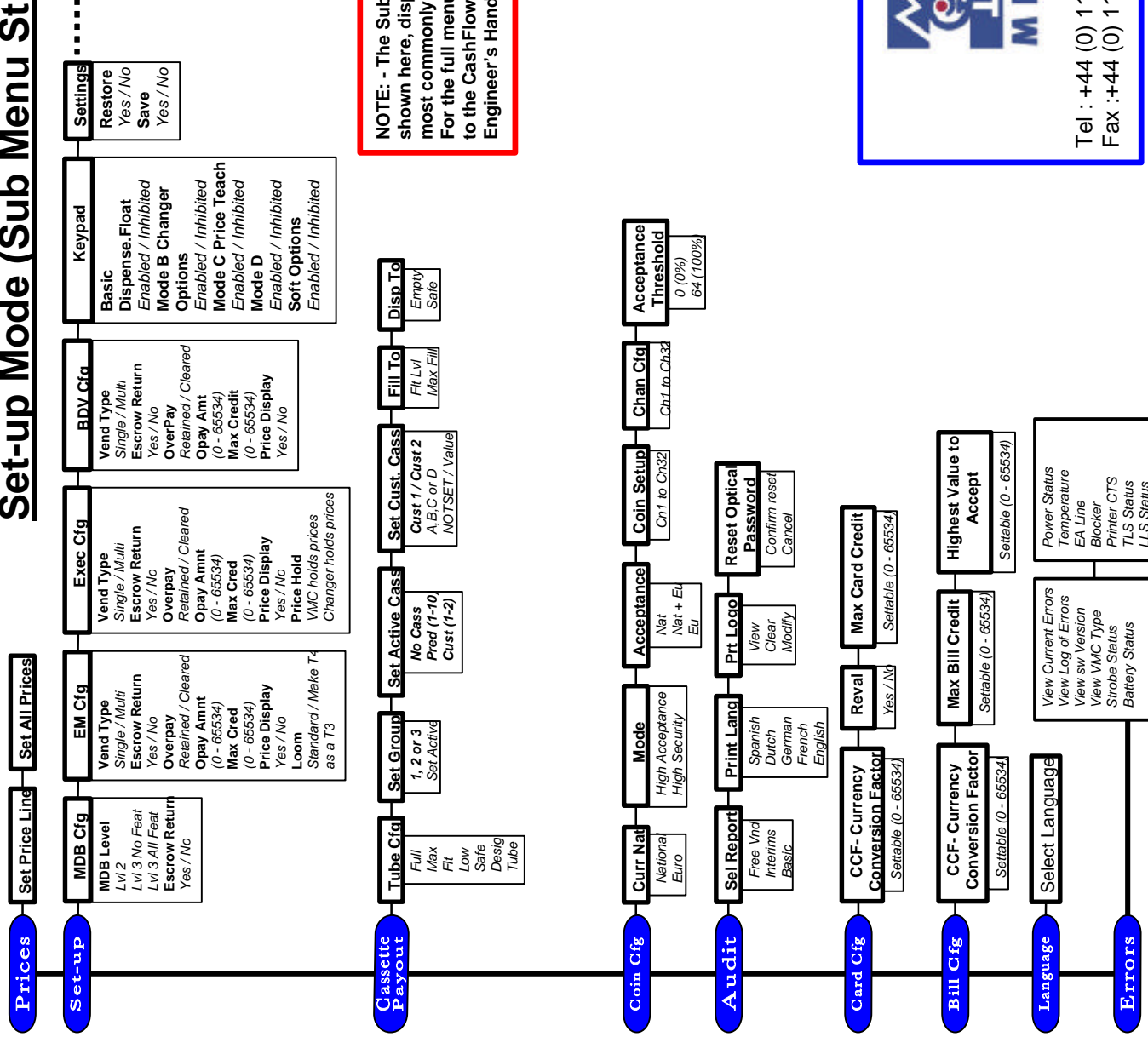
Set-up Mode Menu Options



Hold 2 sec
You are now in Set Up Mode Menus

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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