

# COLONIAL & STUBBY SNACK M- SERIES MACHINES

## 80 SELECTION VENDING MACHINE CONTROLLER

MDB - PROTOCOLA

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## OPERATING AND PROGRAMMING INSTRUCTIONS

1. **Take Reading**.....Press Service button....then press 4A.....see "C"
2. **Record** Chips and Chocolates remaining.....Fill as required.
3. **Count** Drinks **SOLD** since the last fill.....6 Cans in each column + 1 behind GATE.  
Total per column 26.
4. **Fill Cans.** Make sure GATE is locked with can behind before filling the column. To lock gate roll 1 can on the Shelf above the one you want to lock first.
5. Remove coins and wipe down Machine if required.
6. Test Vend.....SEE "E" Press 6 then Selection. Press 13 to EXIT
7. Pricing.....SEE "D" Press 5 Press 10 to SAVE Press 13 to EXIT

# COLONIAL & STUBBY SNACK M-SERIES MACHINE 80 SELECTION VENDING MACHINE CONTROLLER

## OPERATING AND PROGRAMMING INSTRUCTIONS

### THE SALES MODE:

This is the normal operating mode for the Colonial Snack machine. The machine will function as follows:

The V.M.C. (Vending Machine Controller) will monitor the change-giver for the introduction of coins, or a keypad function. Whilst waiting for keys or keypad function the digital display will 'scroll' a sales message or indicate 'please insert exact money' if the change-giver is low on change. When coins are introduced, the amount will be displayed in the digital screen. With sufficient credit a vend can be made by selecting the appropriate letter and number on the keypad. This will deliver a product, deposit the coins into the cashbox or change tubes. on completion of the vend cycle the digital display will revert to the sales message.

### THE SERVICE MODE:

To enter the Service Mode, first gain access to the V.M.C. by releasing the change-giver cradle, which will swing out and expose the V.M.C. which is located behind the change-giver. Press the Mode button, the V.M.C. will remain in the Service Mode for approximately 25 seconds. If no function is accessed through the keypad, the V.M.C. will automatically return to Sales Mode, this will also occur if the Mode button is pressed again. Upon entering the Service Mode, a diagnostics function is displayed only if there is an error with the machine.

### ERROR CODE

### ERROR DESCRIPTION

1

Motor current too little (under 20MA) display shows example 'A1 1'.

2

Too much time to complete vend (12 seconds) display shows for example 'C2 2'.

<u>ERROR CODE</u>	<u>ERROR DESCRIPTION</u>
3	Loss of changer communications, display shows error 'ERROR 3'
4	NOVRAM checksum error 'ERROR 4'

Whilst in the service mode the following functions are available.

- a. **MOTOR COUNT**  
To display the total number of functional motors PRESS 2. The V.M.C. will test each motor in the current configuration to determine if a valid motor is connected at that instant. The message 'motors' and the number of motors responding will then be-displayed. To exit this mode PRESS 13.
- b. **DOWNWARD CONFIGURATION**  
To remove undesired motor selections from the configuration while in the Service Mode PRESS 3. The V.M.C. will reconfigure to the currently functioning motors and display 'configured'. This is the only means of removing from the configuration. To exit this mode PRESS 13.
- c. **ACCOUNTABILITY**  
To display the stored amount of S sales PRESS 4. The V.M.C. will display 'Accounting'. PRESS A and the total cash sales will be displayed. This is a non-resettable control - it will rollover at \$99,999.00. To exit PRESS 13.
- d. **PRICE SETTING**  
To set a single price PRESS 5. The V.M.C. will display 'selection'. Enter the desired selection into the keypad. the current price will be displayed. Enter the desired price using the keypad. To enter the price PRESS 10. To exit PRESS 13.  
To set the price of a complete tray, enter a selection number from the tray to be priced. Enter the desired price using the keypad and PRESS 11. To exit PRESS 13.  
To set the price for the entire machine, enter any selection by using the keypad. Enter the desired price and PRESS 12. To exit PRESS 13.

- e. **FREE VEND BY SELECTION**  
PRESS 6. The V.M.C. will display 'selection'. Choose the desired selection to be free-vended by using the keypad. If the vend is successful the display will go blank. If unsuccessful the V.M.C. will beep 3 times. To exit PRESS 13.
- f. **FREE VEND BY ROW**  
To free-vend the entire row PRESS 7. The V.M.C. will display 'selection'. Choose a selection from the tray to be free-vended. The V.M.C. will automatically free-vend each selection in that tray. If the free-vend is successful the display will go blank. If unsuccessful the V.M.C. will beep 3 times. To exit PRESS 13.
- g. **FREE VEND BY MACHINE**  
To free-vend the entire machine PRESS 8. The V.M.C. will display 'selection'. Choose any selection and the machine will free-vend automatically. Do not use this function continuously, as it may burn out the V.M.C. If the free-vend is successful the display will go blank. If unsuccessful the V.M.C. will beep 3 times. To exit PRESS 13.
- h. **POINT OF SALE MESSAGE PROGRAMMING**  
To enter a new sales message into the 'scroll' display PRESS 9. The V.M.C. will display 'message'. Using the keypad and the following menu's enter the new message. Menu 1 is the default menu. After each keypad entry from either menu the keypad will return to Menu 1. The 'shift' key must be pressed prior to Menu 11 key. To save the message press the ENTER button.

#### MENU 1

A	G	M
B	H	N
C	I	O
D	J	P
E	K	Q
F	L	R

SPACE    SHIFT    BACK SPACE

MENU 11		
S	Y	4
T	Z	5
U	0	6
V	1	7
W	2	8
X	3	9
*	ENTER	\$0

To exit this mode before starting a message PRESS 13. After starting a new message, the message must be saved before starting another function.

### CHILLED MODELS

All chilled and refrigerated models have a force draft refrigeration unit fitted. Refrigerant is R134A CFC free.

Recommended temperature settings are as follows:

Chilled: 18 degrees C  
Refrigerated: 3 degrees C

All units containing perishable goods must display a thermometer.

The condenser and evaporator should be kept clean, as dust and foreign materials can affect the performance of the refrigeration unit. Regular inspection and cleaning is recommended.

**IMPORTANT:** To ensure the refrigeration unit receives adequate air flow, a wall spacer bracket is provided. This should be attached to the rear of the cabinet.