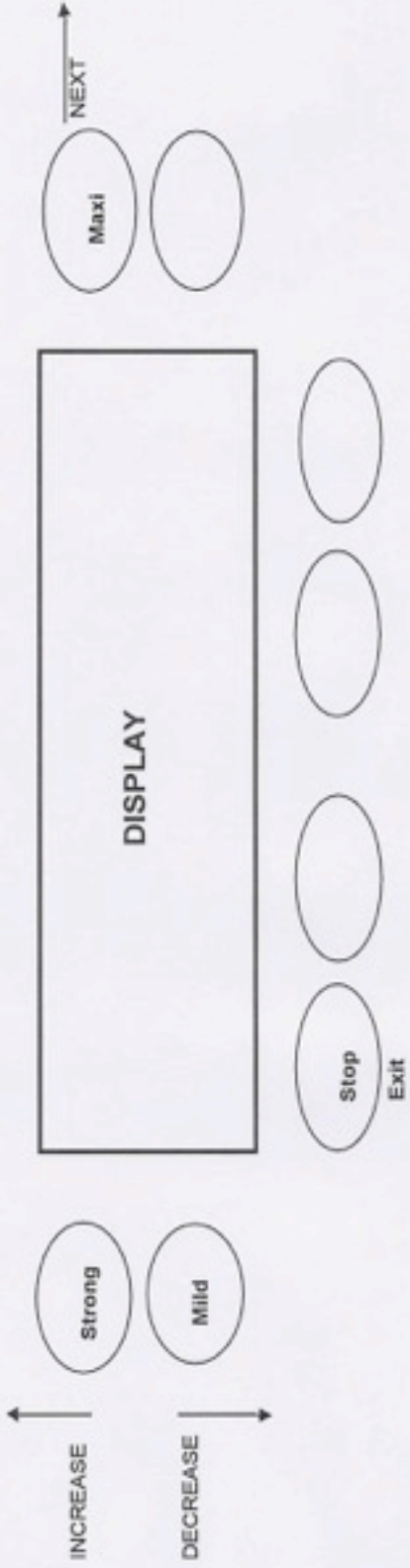


Abbreviated Programming Instructions –

Xpression 3,4 & 5

Classic 4 & 6

PROGRAMMING BUTTONS



Programing Menu (Main)

Flush Machine	Flushes machine (if front button disabled)
Audit Drinks	Shows totals for machine and each drink
Standby Mode	Dims the display, drops temperature and disables buttons
Machine Defaults	Sets major operating modes of machine
Drink Assignment	Allows each button to be set for its drink
Adjust Drink settings	Allows gram throws / volumes to be changed
Button Colour Set	Allows button colours to be changed

Use the program button to step through the program menu, to select one, wait for 2 seconds whilst the display is on the required mode.

Flush Machine

This will clean the bowls as required, there is a minimal amount of water, hence the flush should fit into a single cup (or 2 on a classic 6). Machine will return to normal operation after a flush cycle.

Audit Drinks

This displays the number of regular and large/maxi drinks the machine has produced. By selecting each button, the display will show the totals on a drink by drink basis. Press 'Stop' to exit to normal operation.

Standby Mode

In this mode, the water temperature is dropped to 80 degrees, the display dimmed (to increase its life), the buttons are blanked and disabled. To exit from this mode, press the program button again.

Machine Defaults

The machine default menu is where most of the operating modes are set. The menu consists of the following options -:

Machine Ingredient Set

Temperature set

Pre-emptive heat time

Strong coffee / decaf increase

Mild coffee / decaf decrease

Strong tea increase

Mild Tea increase

Large drink increase %age

Maxi drink increase %age

Sugar / NDC gram throw (single)

Sugar water throw (ml)

Fan idle speed

Front panel flush enable

Token on channel 6

Overpay

Use NDC on column 4

To step through the list, use the Maxi button which is illuminated. To exit, press 'Stop'. Each change is registered immediately, there is no need to press anything to confirm the selection. Where applicable, the value is taken up and down by the illuminated mild / strong buttons.

Machine Ingredient set

This allows the machine to be told what ingredients it has where. There are three options -:

0	Coffee, Whitener, Chocolate, Decaf, Tea, Filter
1	Coffee, Whitener, Chocolate, Tea, Decaf, Filter
2	Coffee, Whitener, Chocolate, Soup, Tea, Filter
3	Coffee, Whitener, Chocolate, Soup, Decaf, Filter

By using the sugar / NDC option (see later), column 4 can be changed to Sugar.

Temperature Set

This allows the temperature to be altered. The adjustable range is from 85 to 96 degrees.

Pre-Emptive Heat Timer

This allows the pre-emptive timer to be set in the range of 0..10 seconds in steps of 0.1 second

Strong Coffee / Decaf Increase

This sets the increase (in 0.1 g steps) that is added when the strong option is set. If strong is not required, set this value to zero.

Strong Tea

This is as per coffee but for Tea

Mild Coffee / Decaf

This is the amount deducted from the coffee or decaf ingredient when the mild option is selected.

Mild Tea

This is as per coffee but for Tea

Large Increase

This is the percentage increase (from 0 to 100) that is added to a drink when the large button is set. When used, this will re-calculate the ingredient throws, water volume / split, start / stop times of valves, whippers and augurs for the drink. This can be set in 1% steps. If a large option is not needed, this can be set to zero whereby no change will be made to the drink.

Maxi Increase

This is as above but for the Maxi button. This is adjustable in steps of 1% from 0 to 100% (i.e. double).

Single Sugar / NDC

This sets the gram throw for a single spoon of sugar. When two spoons of sugar are requested, the amount will be used twice.

Sugar / NDC Water

This is the amount to be taken from a drink to use to dissolve the sugar.

Fan Idle Speed

This sets the speed of the fan when the machine is idle. It is adjustable to 8 speeds from off through to full rate. Each speed adjusts the fan by 12.5% of its speed. This should usually be set on 2 for a small machine, 3 for a larger one.

Front Flush on

This enables / disables the flush button on the front of the machine. Setting this to 1 allows the button to be used, setting it to zero disables it.

Token on CH6

This allows for a token to be used on channel 6 of the coin validator. If set, a token will provide a single drink from the machine. If set to zero (no token), channel 6 will be taken as a £2 coin.

Overpay / Credit hold

If set to 1, the totaliser is cleared after each drink. If set to 0, the remaining balance will stay on the display.

Use NDC on column 4

When set to 1, this will use NDC (in column 4) to make Coffee White and Tea White. When set, sugar cannot be used in the same machine.

Drink Assignment

This allows each drink to be assigned to a button.

The display will ask for a button selection - touch the button to be programmed. The drink to be assigned to that button can now be selected from the list using the illuminated strong and large buttons to step through the range.

To select the next drink simply touch the new button required and program in the same way. Once all buttons have been completed, exit using the stop button.

Adjust Drink Settings

This allows the gram throw for individual drinks to be changed. Select the button to be changed on the drink panel.

Items that can be changed

Drink Price (0.. £12.75)

Ingredient gram throws

Water volume

Each parameter for the drinks can now be modified as required. Only relevant parameters are available, for each drink. The split of water, whipper times, ingredient start times etc are all pre-programmed.

Once completed, the changes are saved automatically.

To exit, press the stop button, this will allow the next drink to be programmed.

To exit completely, press the stop button again.

Button Colour Set

This allows the colour of some buttons to be changed.

Changeable buttons are as follows -:

Xpression 3,4,5
 Classic 4
 Classic 6

Bottom 3 buttons of the triangle
 Last 6 buttons along the bottom row
 Last 6 buttons along the bottom row & bottom 2 on the filter section

These buttons can be changed from White to Red.

To change a button, simply press it, it will then change to its alternate colour. If a button that is not changeable is selected, this will have no effect.

Pressing 'Stop' exits this mode.

MATRIX SPARES Xpression 3,4 & 5

Coin & Freevend Electronics

ITEM	PART NO.	DESCRIPTION
1	K01-417	OUTPUT PCB
2	K01-419	BUTTON PCB - XPRESSION 4/5
3	K01-420	BUTTON PCB - XPRESSION 3
4	K01-418	DISPLAY PCB
5	K01-411	PSU PCB
6	K01-410	TRANSFORMER 150VA
7	K01-020	FUSE 3-15A
8	K01-412	TRIAC 3KW
9	R01-025/1	TERMINAL BLOCK
10	K01-417	PROGRAM PUSH BUTTON
11	D01-005	BUTTON SMALL
12	D01-006	BUTTON LARGE
13	M02-001	COIN MECH & FACE PLATE

WATER & DISPENSING

14	T03-003	BOILER ASSEMBLY LESS VALVES (ITEMS 15-25)
15	T03-001	BOILER BODY
16	T03-002	BOILER TOP
17	T02-009	BOILER GASKET
18	H01-001	ELEMENT 3KW
19	T02-003	ELEMENT WASHER x 2
20	S01-005	LEVEL PROBE
21	S01-003	OVERFLOW PROBE
22	K01-014	THERMISTER
23	S01-001	PROBE HOLDER x 2
24	B04-001	VALVE BOOT
25	B04-002	VALVE BOOT BLIND
26	H01-002	ELEMENT 4.8KW
27	B04-005	DISPENSE VALVE 12v
28	H01-003	THERMAL CUT OUT
29	A01-001	INLET VALVE

30	W01-012	PUMP 12v
31	W01-002	WATER CARRIER 10LTR
32	O01-003	AUGER MOTOR 12v
33	O01-003/1	AUGER DRIVE PINION
34	B01-016	CANNISTER NO WHEEL
35	B01-015	CANNISTER WITH WHEEL
36	B01-017	CANNISTER (LARGE)
37	B01-008	ELBOW STRAIGHT
38	B01-037	CANNISTER DRIVE
39	B01-038	CANNISTER AUGER
40	B01-042	CANNISTER WHEEL
41	B01-032	CANNISTER WHEEL (LARGE)
42	B01-005	WHIPPER STEAM TRAP SEAL
43	B01-004	WHIPPER STEAM TRAP
44	B01-027	WHIPPER STEAM TRAP (COIN)

45	B01-006	WHIPPER BOWL ADAPTOR
46	B01-026	WHIPPER MIXING BOWL
47	B01-025	WHIPPER IMPELLOR BLADE
48	B01-024	WHIPPER BASE & SEAL
49	B01-007/2	WHIPPER SHAFT SEAL
50	B01-007/3	WHIPPER BASE O-RING
51	B01-028	WHIPPER PIPETTE
52	B01-022	WHIPPER SLINGER WASHER
53	B01-023	WHIPPER MOTOR 12V
54	B01-029	WHIPPER MOUNTING
55	T02-002	SILICON TUBE (Per Metre)
56	E01-001	DISPENSE NOZZLE
57	S01-004	NOZZLE BLOCK (ROUND)
58	G01-001	ELBOW (BREATHING)

AIR EXTRACTION

59	J01-004	EXTRACTION DUCT XPRESSION 3
60	J01-007	EXTRACTION DUCT XPRESSION 4/5
61	R01-002	EXTRACTOR HOSE
62	B03-001	FAN 12v
63	J01-001	FAN BOX

CABLES

64	A01-003	MAINS CABLE WITH PLUG
65	K01-421/2	HARNESS COMPLETE
66	K01-405/1	MICRO LEAD (Door to back board)
67	R01-001	CABLE GLAND

CHASSIS

68	J01-009	DRIP TRAY
69	P01-002	GRILL 6"
70	J01-011	CUP STAND WITH 4" GRILL

71	T02-113	CUP GUIDE
72	T01-119	LOCK & KEYS Incl cam
73	T01-120	KEYS 92276 (Per pair)
74	T01-117	CASH BOX LOCK & KEYS
75	K01-018	KEY SWITCH
76	K01-018/1	KEYS FOR COIN OP
77	R01-026	FEET
78	K01-422	PICTURE XPRESSION 3 F/VEND
79	K01-423	PICTURE XPRESSION 3 COIN
80	K01-424	PICTURE XPRESSION 4/5 F/VEND
81	K01-425	PICTURE XPRESSION 4/5 COIN

MATRIX SPARES Classic 4/6
Electronics

ITEM	PART NO.	DESCRIPTION
1	K01-417	OUTPUT PCB
2	K01-420/1	BUTTON PCB
3	K01-420/2	BUTTON PCB (Small) - CLASSIC 6
4	K01-418	DISPLAY PCB
5	K01-411	PSU PCB
6	K01-410	TRANSFORMER 150VA
7	K01-020	FUSE 3-15A
8	K01-412	TRIAC 3KW
9	R01-025/1	TERMINAL BLOCK
10	K01-417	PROGRAM PUSH BUTTON
11	D01-005	BUTTON SMALL
12	D01-006	BUTTON LARGE
13	M02-001	COIN MECH & FACE PLATE

WATER & DISPENSING

14	T02-201	BOILER ASSEMBLY LESS VALVES (ITEMS 15-25)
15	T02-204	BOILER BODY
16	T02-203	BOILER TOP
17	T02-008	BOILER GASKET
18	H01-001	ELEMENT 3KW
19	T02-003	ELEMENT WASHER x 2
20	S01-005	LEVEL PROBE
21	S01-003	OVERFLOW PROBE
22	K01-014	THERMISTER
23	S01-001	PROBE HOLDER x 2
24	B04-001	VALVE BOOT
25	B04-002	VALVE BOOT BLIND
26	H01-002	ELEMENT 4.8KW
27	B04-005	DISPENSE VALVE 12v
28	H01-003	THERMAL CUT OUT
29	A01-001	INLET VALVE

30	W01-012	PUMP 12v
31	W01-002	WATER CARRIER 10LTR
32	O01-003	AUGER MOTOR 12v
33	O01-003/1	AUGER DRIVE PINION
34	B01-010/2	CANNISTER NO WHEEL CLASSIC 4
35	B01-011/2	CANNISTER WITH WHEEL CLASSIC 4
36	B01-010/1	CANNISTER NO WHEEL CLASSIC 6
37	B01-011/1	CANNISTER WITH WHEEL CLASSIC 6
38	B01-008	ELBOW STRAIGHT
39	B01-037	CANNISTER DRIVE
40	B01-038	CANNISTER AUGER
41	B01-042	CANNISTER WHEEL
42	B01-005	WHIPPER STEAM TRAP SEAL
43	B01-004	WHIPPER STEAM TRAP

WATER & DISPENSING CONT'D

44	B01-006	WHIPPER BOWL ADAPTOR
45	B01-026	WHIPPER MIXING BOWL
46	B01-025	WHIPPER IMPELLOR BLADE
47	B01-024	WHIPPER BASE & SEAL
48	B01-007/2	WHIPPER SHAFT SEAL
49	B01-007/3	WHIPPER BASE O-RING
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56	S01-004	NOZZLE BLOCK (ROUND)
57	G01-001	ELBOW (BREATHER)

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58	J01-004/1	EXTRACTION DUCT CLASSIC 6
59	J01-007	EXTRACTION DUCT CLASSIC 4/6
60	R01-002	EXTRACTOR HOSE
61	B03-001	FAN 12v
62	J01-001	FAN BOX

CABLES

63	A01-003	MAINS CABLE WITH PLUG
64	K01-212	HARNESS COMPLETE CLASSIC 4
65	K01-213	HARNESS COMPLETE CLASSIC 6
66	K01-405	MICRO LEAD (Door to back board)
67	R01-001	CABLE GLAND

CHASSIS

68	J01-008	DRIP TRAY LONG CLASSIC 4/6
69	P01-004	GRILL 4"
70	P01-003	DRIP TRAY 4"
71	T02-202	DRIP TRAY SUPPORT ST/STEEL
72	T02-113	CUP GUIDE

73	T01-119	LOCK & KEYS Incl cam
74	T01-120	KEYS 92276 (Per pair)
75	R01-026	FEET
76	T01-121	LID STRUT

