THREE SELECTION DC ALL LOAD VENDING MACHINE USER MANUAL

Dispense Mode

The key functions are shown in the below diagram.

SW1	SW2	SW3
⬛⚪	⬛⚪	⬛⚪
⬛⚪	⬛⚪	⬛⚪
SW4	SW5	SW6
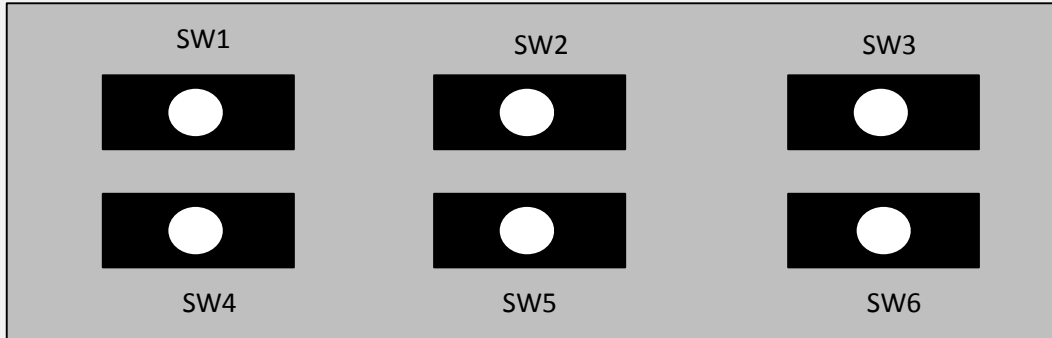
Key pad

The **key functions** are shown in the below table

KEYS	NORMAL	LONG PRESS	Machine Settings	LONG PRESS in Machine Settings	SETTINGS DRIVE
SW1	Drink-1 Dispense	-	Reverse Drink Jump	DEMO	Copy
SW2	Drink-2 Dispense	-	Scroll/ Accept	-	-
SW3	Drink-3 Dispense	-	Exit	-	-
SW4	Drink-4 Dispense	-	Increment	-	Toggle
SW5	Drink-5/ Hot-Water Dispense	-	Decrement	-	Toggle
SW6	Rinse	Menu Entry	Forward Drink Jump	-	-

Key Functions

Drink Dispense

The following keys are used provide the corresponding dispense as shown below
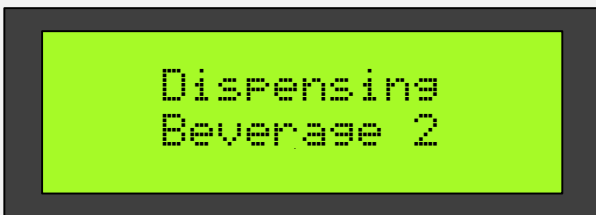
       SW1 → Drink-1
       SW2 → Drink-2
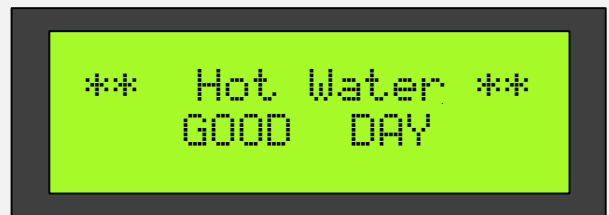   **SW3 → Drink-3**
       SW4 → Drink-4
       SW5 → Drink-5 / Hot-Water.

The **Drink 5** dispense is allowed only if Hot-water is disabled. If Hot-Water is enabled **SW5** provides Hot-water dispense.

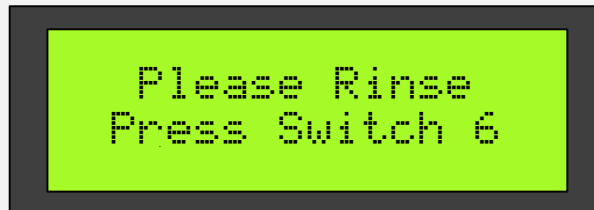|	
Dispensing Beverage 2	** Hot Water ** GOOD DAY
Drink Dispense Message	Hot-Water Dispense Message

Rinsing

To rinse the machine press **SW6**, then the below shown message would be updated in the display.

Please Rinse
Press Switch 6

Then press **SW6** to rinse.

Rinsing Machine.
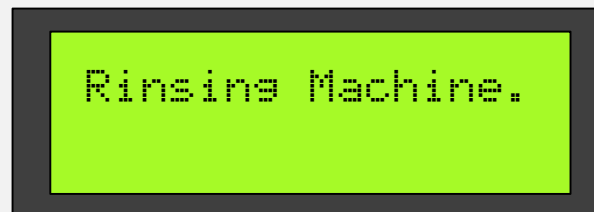
Menu Mode

To enter into menu, press **SW6** for 7-8 second.

Release the button when the below message is shown in display.

```
System settings!!
```

Then the display gets updated as shown below.

```
Flush Mode
```

Press **SW6** for scrolling in menu.

```
Count Mode
```

```
Temperature Mode
```

```
Machine Settings
```
→
```
Exit->Press SW 3
```
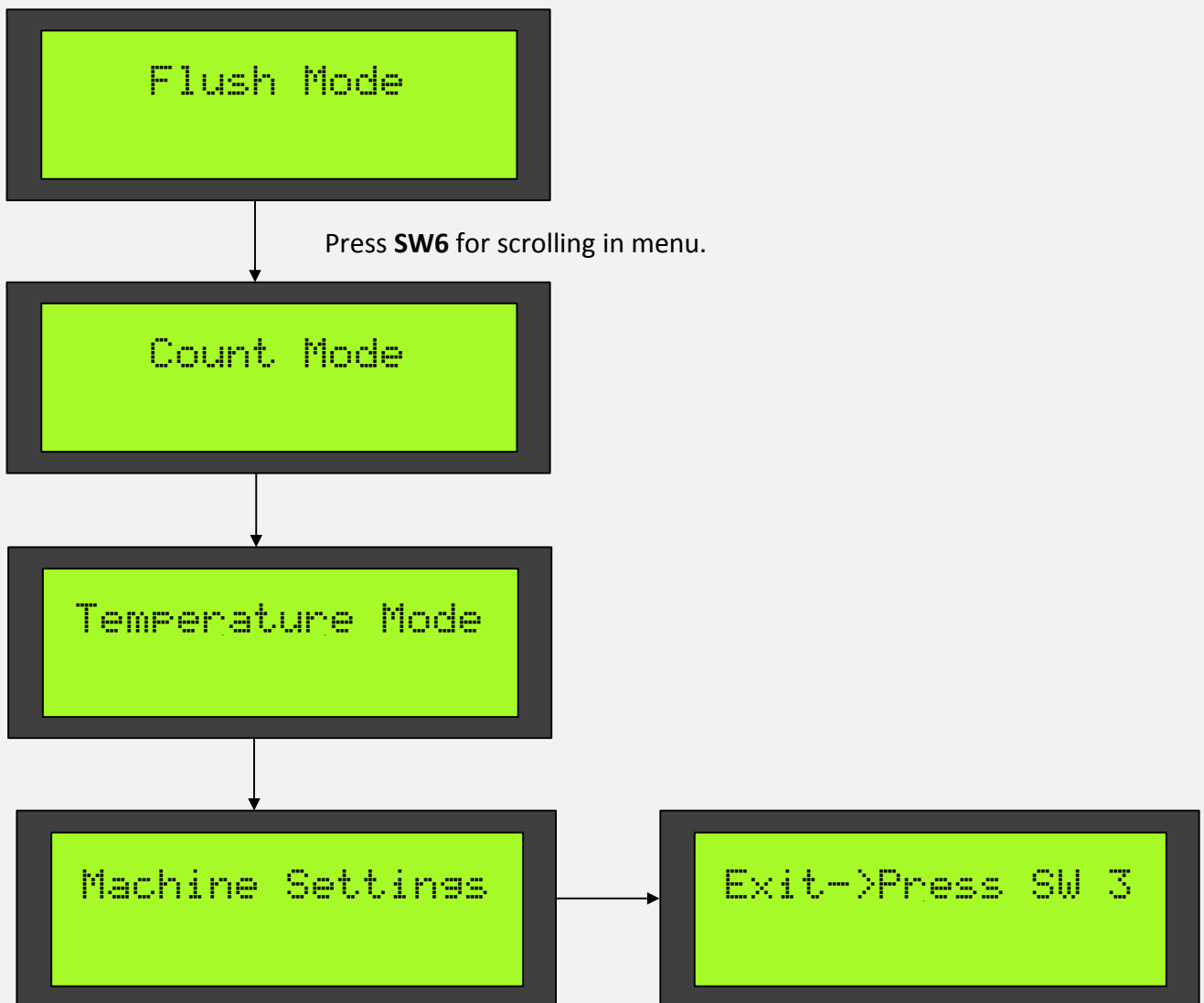
To flush, scroll using **SW6** until the display shows "Flush Mode" as in above image, then press the **SW1** to **SW3** to flush the corresponding channel. While flushing the display message would be updated as below.
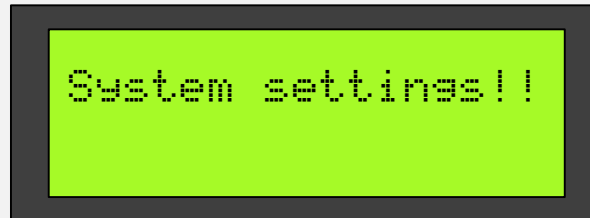

Count Mode

To view counts, scroll using **SW6** until the display shows "Count Mode", then press the Drink switch(**SW1** to **SW5**) for which the count is to be known, then the count for that drink is shown as in below image. Press **SW6** to exit.

Temperature Mode

To view set-temperature and current temperature, scroll using **SW6** until the display shows "Temperature Mode", then press **SW2**, the temperature details will be shown is the display as shown in the next image. Press **SW3** to exit.

```
Set : <Set temp value> NOW :<Current Temp Value>
      Heater:<Current Status> Lvl :<Value>
```

Machine Settings

```
Machine Settings
```

To enter into machine settings, scroll using **SW6** until the display shows "Machine Settings", then press **SW2**, now the password entry is to be done, press **SW4** to increment and press **SW5** to decrement. Press **SW2** to accept.

```
Password:      0
```

If the Password is wrong the following message is displayed.

```
Wrong Password
```

If the Password is correct, then the machine will enter into machine settings and the display would show message as in below image.

```
D1 Enable Y/N :<Status>
```

The machine settings menu consists of "delay time" and "on time" settings for each load(i.e. Powder-1, Water-1, Whipper-1, Powder-2, Water-2, Whipper-2, Powder-3, Water-3, Whipper-3) of all drinks.

The machine settings menu can be scrolled using **SW2** to the load whose time settings has to be changed, then press **SW4** to increment the timing, press **SW5** to decrement the timing and press **SW2** to store the setting and scroll forward.

```
┌─────────────────────┐
│  D1 Enable Y/N :YES  │
└─────────────────────┘
           │
           ▼
┌─────────────────────┐      ┌─────────────────────┐      ┌─────────────────────┐
│ D1 POW 1 DL :<Value> │      │ D1 WIP 2 ON :<Value> │ ──→  │ D1 POW 3 DL :<Value> │
└─────────────────────┘      └─────────────────────┘      └─────────────────────┘
           │                            ▲                            │
           ▼                            │                            ▼
┌─────────────────────┐      ┌─────────────────────┐      ┌─────────────────────┐
│ D1 POW 1 ON :<Value> │      │ D1 WIP 2 DL :<Value> │      │ D1 POW 3 ON :<Value> │
└─────────────────────┘      └─────────────────────┘      └─────────────────────┘
           │                            ▲                            │
           ▼                            │                            ▼
┌─────────────────────┐      ┌─────────────────────┐      ┌─────────────────────┐
│ D1 WAT 1 DL :<Value> │      │ D1 WAT 2 ON :<Value> │      │ D1 WAT 3 DL :<Value> │
└─────────────────────┘      └─────────────────────┘      └─────────────────────┘
           │                            ▲                            │
           ▼                            │                            ▼
┌─────────────────────┐      ┌─────────────────────┐      ┌─────────────────────┐
│ D1 WAT 1 ON :<Value> │      │ D1 WAT 2 DL :<Value> │      │ D1 WAT 3 ON :<Value> │
└─────────────────────┘      └─────────────────────┘      └─────────────────────┘
           │                            ▲                            │
           ▼                            │                            ▼
┌─────────────────────┐      ┌─────────────────────┐      ┌─────────────────────┐
│ D1 WIP 1 DL :<Value> │      │ D1 POW 2 ON :<Value> │      │ D1 WIP 3 DL :<Value> │
└─────────────────────┘      └─────────────────────┘      └─────────────────────┘
           │                            ▲                            │
           ▼                            │                            ▼
┌─────────────────────┐      ┌─────────────────────┐      ┌─────────────────────┐
│ D1 WIP 1 ON :<Value> │ ──→  │ D1 POW 2 DL :<Value> │      │ D1 WIP 3 ON :<Value> │
└─────────────────────┘      └─────────────────────┘      └─────────────────────┘
```

NOTE:
DL → delay
POW → Powder
WAT → Water
WIP → Whipper

SW6 can be used to jump between the drinks in forward direction.
SW1 can be used to jump between the drinks in reverse direction.
Drink-5 timings can be adjusted only if Hot-Water is disabled

The messages shown above are only for Drink-1(**D1**) the same messages would be displayed for all other drinks except for the D1 part, it would be displayed as D2, D3, D4, D5 corresponding to the drink.
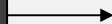
```
┌─────────────────────┐
│  Hot Water : <Value> │
└─────────────────────┘
           │
           ▼
┌─────────────────────┐
│  Set Temp : <Value>  │
└─────────────────────┘
           │
           ▼
┌──────────────────────────┐
│  Coin Mech Y/N: <Status>  │
└──────────────────────────┘
           │
           ▼
┌──────────────────────────┐
│  Hot Water Y/N : <status> │
└──────────────────────────┘
           │
           ▼
┌─────────────────────┐                  ┌─────────────────────┐
│  Rinse Time : <Value>│                  │  Exit->Press SW 3   │
└─────────────────────┘                  └─────────────────────┘
           │                                         ▲
           ▼                                         │
┌─────────────────────┐                  ┌─────────────────────┐
│  Change Pwd : <Value>│────────────────▶│   SETTINGS DRIVE    │
└─────────────────────┘                  │  MACHINE_TO_DRIVE   │
                                          └─────────────────────┘
```

Drink Enable/Disable:

A drink can be enabled or disable by scrolling to that corresponding drink's "**D<x> Enable Y/N :**" and changing the settings, press **SW4** or **SW6** to toggle between **YES** and **NO** and then press **SW2** to store and scroll forward.

```
D1 Enable Y/N :YES
```
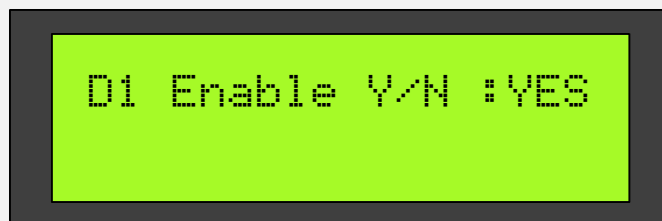
Set Temperature

The tempretatue at which the boiler should get cut-off can be set by scrolling to the setting shown below, press **SW4** to increment the value and press **SW5** to decrement the value. Press **SW2** to store and scroll forward.

```
Set Temp : 84
```

Coin Mech Y/N

The coin-mechanism can be enabled by scrolling to the **"Coin Mech Y/N"** in machine settings and enabling it, press **SW4** or **SW6** to toggle between **YES** and **NO** and then press **SW2** to store and scroll forward.

```
Coin Mech Y/N :YES
```
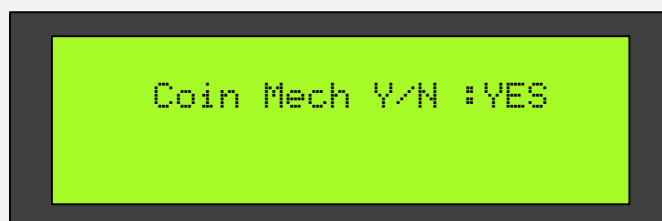
Hot Water Y/N

The machine can be made to allow hot water dispense by scrolling to the **"Hot Water Y/N"** in machine settings and enabling it. Press **SW4** or **SW6** to toggle between **YES** and **NO** and then press **SW2** to store and scroll forward.

```
Hot Water Y/N :YES
```
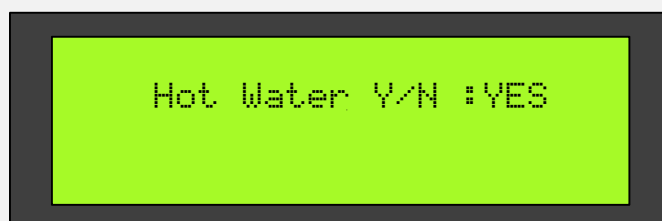
Rinse Time

The rinse timing can be altered by going to the below shown setting("Rinse Time: <Value>"),press **SW4** for incrementing time and **SW5** to decrement the time and press **SW2** to store and scroll forward.

```
Rinse Time : 6.00
```
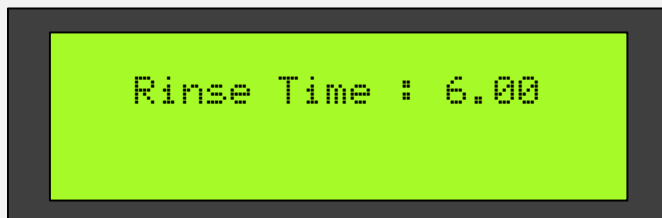
Change Pwd

The password for entering into machine settings can be changed by scrolling to the below shown setting in machine settings, press **SW4** to increment and **SW5** to decrement, then press **SW2** to store settings and scroll forward.

```
Change Pwd : <Value>
```

Settings Drive

The values from the machine can be copied to settings drive or values from settings drive can be copied to machine by scrolling to the below shown setting in machine settings, use **SW5** or **SW4** to toggle between "MACHINE_TO_DRIVE" and "DRIVE_TO MACHINE" and then press **SW1** to initiate the copy.

```
SETTINGS DRIVE
MACHINE_TO_DRIVE
```

While copying the message shown below is displayed.

```
COPYING FROM
MACHINE_TO_DRIVE
```

After finishing copy the message shown below is displayed.

```
COPYING_SUCCCESS
```