CLOSE VALVES: YES or **NO**. This option will automatically close the valves during **HIGH GUARD** periods. This will totally isolate the water supply at the Waterguard valve.

ALARM IN: NORM OPEN or **NORM CLSD**. Selecting **ALARM**, in the **MODE** option of the **GUARD MENU** and wiring the **"Alarm In"** contacts to an intruder alarm, will automatically switch between Hi and Lo guard levels in-line with the alarm status. Check the connections and instructions of the Alarm manufacturer. Rating, the controller is looking for a switch type contact closure or transistor. The Series 7 controller delivers 3 to 5 VDC pulse output. Current: max 10mA pulse. Protection: anti-static device, 12 Volt rating.

ALARM OUT: ALL or **LEAK** or **OFF**. To activate the alarm out when a leak is detected, select **LEAK**.

Reset Defaults

These instructions should be used in conjunction with the Waterguard Series 7 Operating Instructions and the Waterguard Series 7 Installation Guide.

The on-board rechargeable AAA Batteries are for continuity and must only be replaced by the manufacturer.

The controller should be located in a safe, clean, dry area with protection from extremes of temperature and moisture.

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Water Leak Detection Equipment

Waterguard 7-2-15X

Series 7 Engineering Menu & Initial Setup Including BREEAM and SKA requirements

Waterguard.

Residential Property / Commercial and Industrial Units / Public Buildings

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Operating Waterguard for day to day use….

Push any key to wake the display which will show the Home Page. The home page shows the time, date, the level of guard and the position of the valves.

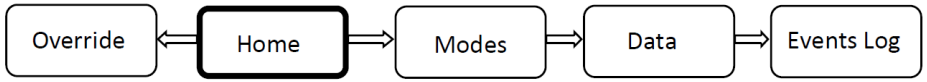
```
12:52  TUE  25-JAN-11
> GUARD: HIGH
  CHANNEL 1: OK
  CHANNEL 2: CLOSED
```

In Operating Menu:
Use the up and down keys to navigate.
Use OK to switch between High & Low Guard.
Use OK to open and close valves.

```
> HI GUARD LTR : 00005
  LO GUARD LTR: 00325
  OVERRIDE TIME: 30
  METER 1: 00000000
```

In Guard Menu:
Use the up and down keys to navigate.
To select a line press OK.
Change a value using the navigation keys and OK to confirm changes.

Navigate left and right to access other operating pages.



Override will show either Start Manual Override or Cancel Manual Override.

Modes: Use OK to switch between normal operating and permanent high guard mode. This screen also displays power source and meter readings.

Data will display the history of minimum and maximum litres used in any guard period.

Events Log displays a record of events with times and dates.

Override allows unlimited water use for the selected time period:

- From the home page go left to **override**. Press **OK** to start manual override countdown.
- You will see the timer counting down on the home page.
- To cancel override, go left from home page and press OK.

The Settings Menu

To access the guard menu, push the Up and Down keys together for 2 seconds.

HI GUARD VAL: Push OK to change and confirm the maximum allowable litres.

LO GUARD VAL: As above, but for when the property is occupied.

DAILY: The total maximum litres of water allowed in 24 Hours. When selected.

OVERRIDE TIME: Push OK, increase by 5 minutes jumps to a maximum of 90.

METER READINGS: Push OK, navigate to match the actual water meter reading.

DATE: Push OK to select and confirm the date. Use to adjust the date.

TIME: Push OK to select and confirm the time. Use to adjust the time.

BUZZER: Push OK to enable or disable the buzzer.

MODE:

- DAILY, every day is the same. (SEVEN DAY: day by day).
- WEEKEND/WEEKDAY (Saturday Sunday and Monday to Friday).

ALARM: Automatically switches in line with the Intruder Alarm or PIR.

SET HIGH/LOW TIMES: Selects the start and finish times of the two low guard periods.

BUZZER: ON/OFF

HIGH24: ON will automatically switch guard to HIGH after 25 hours of no use.

Engineering Menu

PLEASE NOTE: The Series 7 control panel should only be accessed by qualified staff when commissioning.

To access the engineering menu hold down the left, right and down arrow keys simultaneously for 4 seconds and use **OK** to change the status of each option.

FLOW PER: 1/2 HOUR: HOUR: GUARD period or **DAY**: Selects the time period for the volume of water to be measured, i.e. Litres per Hour or per Half Hour etc.

PULSE: 1 LITRE; 10 LITRE; 100 LITRE. Select to match the pulse output on the water meter output head. The value is shown on the pulse head and box.

VALVES: NONE or **1 ONLY** or **2 ONLY** or **BOTH**. Select the number and/or channel where valves are fitted.

METERS: 1 ONLY or **2 ONLY** or **BOTH**. Selects the channels connected to meters.

LEAK: Close single/all. Close the one channel or both channels when a leak is detected.