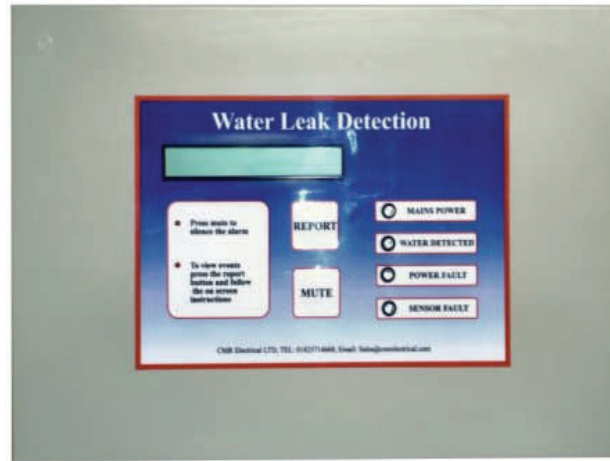


## Eight, Twelve or Sixteen Zone Water Leak Detection Equipment



Sized at 15mm wide x 225mm high x 85mm deep, the unit has been designed to monitor up to 16 independent zones in critical areas for water leaks via spot sensors or linier detection cable. Any number of spot sensors or a maximum of 50 metres of linier water detection cable can be connected to each zone. The range comes as standard with monitoring of all 16 zones for cable fault. Any disconnection of any sensor from the controller will instigate a "Sensor Fault" alarm. The unit contains an audible warning device, Mute and Report push buttons and an alphanumeric display. When water is detected by one of the zones, the display will display in text the location i.e. "AHU12", the audible warning device will start and the zone alarm relay close. The unit will remain in this condition even if the water is removed from the sensor, Muting the alarm will stop the sounder. If water is removed from the sensor before pressing the "Mute Alarm" button, after Muting the display will revert back to it's normal state indicating that no water is present and the zone alarm relay will de-energise. However if water is still being detected only the audible warning will stop leaving the location in the display and the zone alarm relay energised. Only when the water is removed from the sensor will the display revert back to it's normal mode. Unlike other water detection units on the market, the unit uses a bi-directional (AC) signal within the sensors. Using alternating current stops electrolyses which causes the sensors to disintegrate leaving the system unable to detect water. The use of alternating current also allows the sensors to be continually monitored even when submersed in water. This allows the system to self reset after water has been removed for the sensor and no further action to reinstate or reset the system is required from the operator. Battery backup is provided with a 10 hours battery life.

## **Eight, Twelve or Sixteen Zone Water Leak Detection**

### **Features**

- Number of zones can be 8 or 12 or 16
- Alphanumeric display for ease of Alarm identification from a distance
- On board audible warning device to alert local operators of a problem
- Alarms latched until Mute operated to give indication of transient water leaks
- Zone signal isolation to stop multiple alarms due to sensors coming into contact with Earth
- Small size foot print, wall or surface mounted
- Monitoring of each zone cable and sensor to ensure continuity and integrity
- A Bi-directional DC signal in the sensors to stop electrolyses and polarization



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