Control Panel Model **i-Zone 5**

The i-Zone Control Panel shall be wall mounted and be of a mild steel construction and powder coated. It will be capable of monitoring the full range of 'Aqualarm' detectors for water, fuel oils, chemicals, temperature, humidity and refrigerant gases. The control panel is an addressable system capable of monitoring 5 detectors / addresses simultaneously.

The default detector identification is 'Zone1', 'Zone2' etc, however these can be programmed to display customers requirements, up to 24 characters per zone i.e. 'Zone 1 - Room 5 2nd Floor'. This has to be carried out at time of manufacturing.

The control panel can store a 100-alarm event history log into non-volatile memory. During normal operation, the Green LCD screen will display the current time & date together with SYSTEM CLEAR status.

The i-Zone 5 Control Panel can also be linked to a maximum of 5 ZLM-500 modules, resulting in a single system, monitoring 2500 metres of detecting cable, and in the condition of an alarm, will display a meterage reading accurate to +/- 1 metre to the point of water contact with cable.

The control panel will be provided with a TEST button, MUTE button and the facility to view the 100-event history log. In an alarm state, the LCD will display the activated detector identification and a 97db (at 1 metre) audible alarm will sound.

For remote signalling, the control panel will be supplied as standard with the following outputs: RS485, Common Alarm, Network Failure, Mains Fail, Battery Fail & Service Required.

For safety, the control panel is fitted with a key operated door lock and 'power off' door switch.

Main Features
114mm x 64mm Back-lit Green LCD Screen
displaying:

Current Time & Date, System status, Alarm status & available Button functions. Power 'On'.
Power Support System 'On'. Service.

System will monitor 5 detectors / addresses or
ZLM-500's, simultaneously.
Last 100 Event Memory.
Alarm Siren 97db @ 1m.
Alarm horn 'Mute', 'Test' & all other functions
displayed on LCD when required.
Lockable mild steel cabinet.
Powder Coated RAL7035.
Door interlock safety switch.
Mains Fail Battery Back Up. (4 Hours)

Outputs
RS485

Volt free outputs
Common Alarm.
Network Fail.
Mains Fail.
Battery Fail.
Service.

Mains Voltage Range
120 or 240 volts A.C. @ 50 or 60 Hz.

Normal Operating Voltage
24 volts D.C. internally supplied.

Operating Temperature Range
0 to 50 deg.C.

Approvals
BS EN ISO 14001 and ISO 9001: 1994.
EMC Directive 89/336/EEC, CE Marked.

Cabinet Dimensions
Height   330mm
Width   255mm
Depth   85mm

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