

CB200W Water Leak Detection Panel

User Instructions

NOTE: To activate controls press 5 - 1 - 4. To disable controls, press 5 - 1 - 4 again.

WARNING: This equipment contains hazardous voltages. To avoid electric shock, do not remove cover. This equipment contains no user-serviceable parts. For servicing, contact suitably qualified personnel.

1. Water Leak Indication

The appropriate RED zone Leak Detected LEDs will pulse, the alarms will sound and the internal buzzer will operate. Locate the source of the leak (an LED will be visible on the point detector which has been activated).

To silence the alarms, enable controls and press SILENCE ALARMS. The alarms will silence and the RED zone fire LEDs will change to a steady illumination.

When the leak has been fixed, enable the user controls, press SILENCE ALARMS and then RESET SYSTEM. Should the system have activated for no apparent reason, please note which point detector or Hydrowire/connection-unit has been activated before pressing the RESET SYSTEM button and contact your service engineer.

If necessary, the alarms can be resounded by enabling the controls and pressing SOUNDER TEST. To silence the alarms during a Sounder Test condition (no zone leaks present), press SILENCE ALARMS or press SOUNDER TEST again.

2. Fault Indication

The fault buzzer will sound and the appropriate fault LED will pulse (COMMS FAULT and BATT FAULT LEDs on the repeater can be illuminated steady if a fault exists on another repeater). To silence the buzzer, enable the controls and press the SILENCE BUZZER button. Contact your service engineer immediately.

3. Zone Isolation

Zone Isolation can only be performed at the control panel. Enable the controls then follow the instructions below. Isolated zones are indicated by a steady amber fault LED.

1 & 2 zone panels:

- (i) Press "Zone Isolate" to isolate zone 1
- (ii) Press & hold "Zone Isolate" for more than 5 seconds to isolate zone 2

De-isolate the required zones using the same process.

4 & 8 zone panels:

- (i) With controls active, press "ZONE ISOLATE". The Zone 1 Fault LED will pulse rapidly every 2 seconds (flashing cursor mode).
- (ii) Press "ACCESS" (button 5) to move the cursor to the required zone.
- (iii) Press "ZONE ISOLATE" to isolate or de-isolate the required zone.
- (iv) Repeat (ii) and (iii) for any further zones.
- (v) Press "RESET" to clear the flashing cursor mode.

4. Test Routine

This should be carried out in accordance with BS5839 Part 1. Refer to Fire Alarm System Logbook.

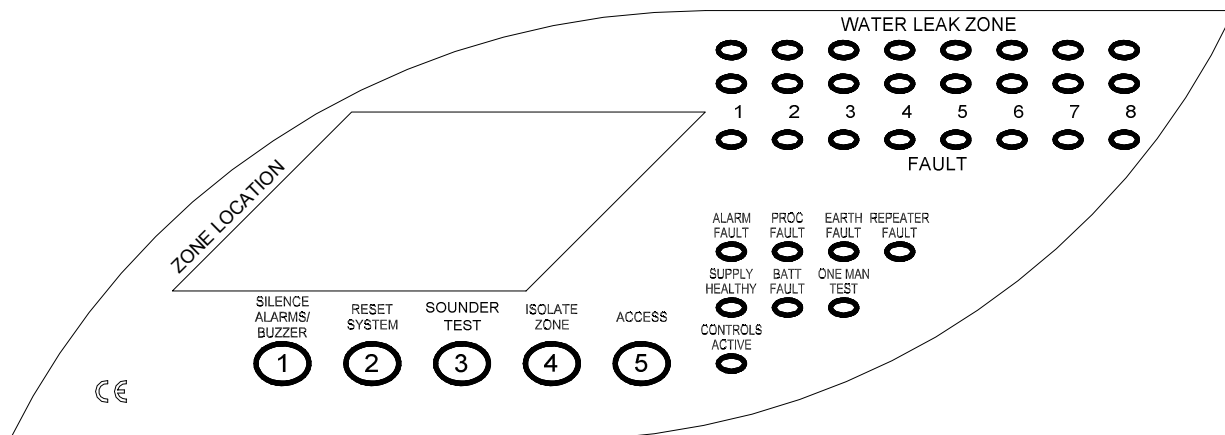
5. Repeater Operation

The following functions are available at the repeater:

- Indication of zonal leak, zonal fault and zonal isolate conditions
- Operation of Buzzer Silence, Sounder Test, Alarms Silence and Reset System functions
- Indication of control panel status

- Indication of communication fault with control panel
- Indication of local power supply fault (if fitted)
- Indication of power supply fault on another repeater (steady Batt. Fault LED)
- Indication of a communication fault on another repeater. (Steady Comms. Fault LED)

6. User Controls and Indications



INDICATION	DESCRIPTION
ZONE LOCATION	Slide-in card to add zone identification text
WATER LEAK ZONE – Twin RED LEDs	Water Leak Detected LEDs illuminate flashing when a zone detects a water leak. Illuminates steady after silence alarms has been pressed.
WATER LEAK ZONE – YELLOW LED	Zone fault LEDs illuminate flashing with any zone fault. Illuminates steady when zone is isolated.
ALARM FAULT LED	Flashes when an alarm circuit is in fault.
PROC FAULT LED	Flashes when a processor fault occurs.
EARTH FAULT LED	Flashes when an earth fault occurs (4-8 zone only).
REPEATER FAULT LED	Flashes when a repeater fault occurs (4-8 zone only).
SUPPLY HEALTHY LED	Illuminates when both mains and battery supplies are healthy.
BATT FAULT LED	Flashes when a battery supply fault occurs.
ONE MAN TEST LED	Flashes when engineer's one man test is active. (4-8 zone only).
CONTROLS ACTIVE LED	Illuminates when controls are active.

CONTROL	DESCRIPTION
SILENCE ALARMS/BUZZER	Press to silence alarm circuits or fault buzzer.
RESET SYSTEM	Panel system control to reset system after Silence Alarms has been pressed. Functions as Test LEDs at any other time.
SOUNDER TEST	Operates alarms circuits (but not aux alarm output relay). Press to operate, press again to stop.
ISOLATE ZONE	Zone isolate control.
ACCESS	Press to access user control facility then press 1 4, controls are then enabled. Repeat above to disable controls.