

### 3 ZONE LEAK DETECTION ALARM.

The Leak Detection Panel (LDP) has a leak-detected, a sensor healthy, and a sensor fault LED per zone.

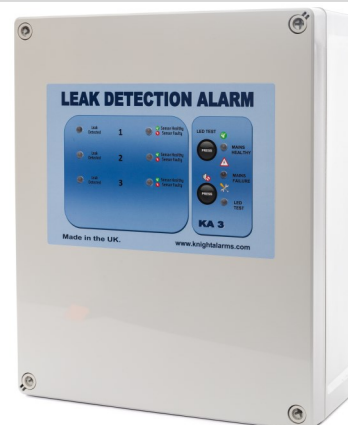
In the event of a leak, the alarm LED will flash red, the buzzer will sound, the valve will operate (if connected) & the relays will energize. Pressing the mute button will silence the buzzer. The Leak LED will remain illuminated until the sensor has been dried.

In the event of a sensor fault, the sensor fault LED will change from green to red, buzzer will sound and the fault relay energize.

The mute button can be pressed to silence the buzzer.  
The fault LED will remain red until the sensor fault has been repaired.

The panel will self-reset in both instances unless the alarm reset link is set to latch.

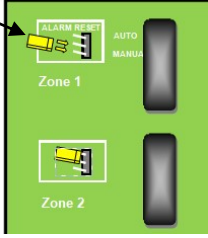
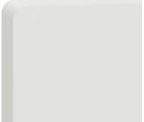
The LDP test button can be pressed to test the functionality of all LED's.



Model Number KA3

[illegible]

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| Technical Specifications         | 3 zone model KA3                                                                      | Compatible Sensors                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| LED Test Button.                 | Tests full operation of all LED's.                                                    | <br>Repeater Alarm        |
| Mute Button.                     | 1 Silences the internal sounder.<br>2. Acts as a system alarm acknowledgement         | <br>Oil Sensor Probe      |
| Mains Healthy LED.               | Indicates when the system has a healthy power supply connected.                       | <br>Over-Temperature     |
| Leak Detected LED.               | Will flash red when the connected sensors detect an incident.                         | <br>Humidity Sensor     |
| Sensor Fault LED.                | Will indicate green when healthy and red when a fault has occurred.                   | <br>Metal Water Probe   |
| Alarm Reset Link.                | Sets alarm to latch on or Auto reset.                                                 | <br>Braided Sensor Tape |
| Sensitivity adjustment per zone. | Single turn potentiometer left decrease right increase.                               |                                                                                                              |
| System software version          | Knight Alarms V2.1 4Mhz watchdog enabled.                                             |                                                                                                              |
| Battery Backup                   | Connected to maintain system functionality in the event of power loss. Float charged. |                                                                                                              |
| Power Supply.                    | 110—230V AC switch mode 12V DC                                                        |                                                                                                              |
| Terminal ratings.                | 5mm 230V AC MAX 8amps                                                                 |                                                                                                              |
| Valve Exercise Mode              | Fully Automatic valve exercise cycle                                                  |                                                                                                              |
| Beacon Output                    | configured to output 5V DC when in alarm or fault condition.                          |                                                                                                              |
| MAX Sensor Cable Length          | 100M of Sensor cable and 100M Connection cable.                                       |                                                                                                              |
| Optimised Self Learning          | Minimises spurious alarms                                                             |                                                                                                              |

