

RadioLINK[®] Alarm Controller — Ei450



- Powered for life by a sealed lithium battery
- 10-year life
- Completely wire free installation
- Uses RadioLINK[®], RadioLINK⁺ & SmartLINK[®] wireless technology to interconnect to the rest of the Alarm System
- Up to 12 Alarms and Devices can be interconnected
- Clear LED indicator icons for a visual display of Fire or Carbon Monoxide Alarm activation
- One button—three functions
 - TEST—Test alarms
 - LOCATE—Identify triggered alarms
 - SILENCE—Silence alarms
- Diagnostics and Memory functions

Contains:



Product Description

The Ei450 RadioLINK[®] Alarm Controller is used to control all the Alarms in a system from one convenient place. An Alarm Controller is highly recommended if you have Smoke, Heat and Carbon Monoxide Alarms on the same system, as it's essential that you can tell which alarm has sounded. The Ei450 contains LED indicator icons which clearly display which danger has activated the Alarm. From there you can identify which danger is present and take the appropriate action.

The Ei450 is powered for life by a tamper proof, sealed lithium battery. It is completely wireless and can be wall mounted or free standing, giving you more freedom on its location. It contains RadioLINK[®] wireless technology enabling communication with up to 12 other RadioLINK[®], RadioLINK⁺ & SmartLINK[®] Alarms and Devices. An interconnected system will enhance early detection and warning of danger.

In standby the Alarm system can be easily tested by just pressing the central button. This will test and sound all the interconnected Alarms for a short period of time.

When the system is activated the triggering Alarm can be identified (located) by simply pressing the central button. The Ei450 will identify the triggering Alarm and indicate whether it has been triggered by a Smoke, Heat or Carbon Monoxide Alarm by a flashing indicator icon. Once identified it may be silenced by pressing the central button again.

The System Diagnostics mode allows an extended two minute 'Long Test' period to be selected. It also allows a previously triggered Alarm to be identified, this is known as the 'Check Alarm Memory Test'.

TECHNICAL SPECIFICATION

- Supply Voltage:** 3V lithium cells
Battery Life: >10 Years (normal operating conditions)
RF Frequency: 868.499Mhz RadioLINK protocol
RF Protocol: Proprietary RadioLINK using multi-path, multi-repeater mesh architecture.
RF Range: 100 meters in free air
 30 meters in standard property
Temperature: Operating - -10°C to 40°C
 Storage - 0°C to 35°C (in a dry area)
Humidity Range: 15% to 95% Relative Humidity
Indicator LED's:

- Fire detected
- CO detected
- EoL Low Battery

Button Functions: Test—Test Alarms
 Locate—Identify triggered alarms
 Silence—Silence alarms
 Memory—Identify previous Alarm,
 Mode button must be pressed

Fixing: Wall mountable, fixings supplied
Plastic material: HIP UL 94 V0 Flame Retardant
Dimensions: Product - 88mm x 88mm x 43mm
 Installed
 Package - 90mm x 90mm x 50mm
Weight: 170g (Boxed 195g)
Warranty: 5 year (limited) warranty

Approvals:
 EN 300 220-3 (Radio)
 EN 301 489-3 (EMC)

0889 Specifications are subject to change



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