

# 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)

**CE 0889** Specifications are subject to change

Rev2 18/10/18 KTS