# Ei Electronics®
## fire + gas detection

# RF Wireless Interconnection
## 10 Year Lithium Battery

## Key Features

▼ Designed for use with RF Alarms
▼ Non-breaking resettable front plate
▼ Visual power, low battery and RF transmission indicator
▼ Unique House Coding feature
▼ Key reset function
▼ 5 Year Guarantee

RadioLINK®

## Product Description

The Ei407 is a manual call point used in case of emergency to sound all the Alarms in a RF system, warning all the occupants of the immediate danger.

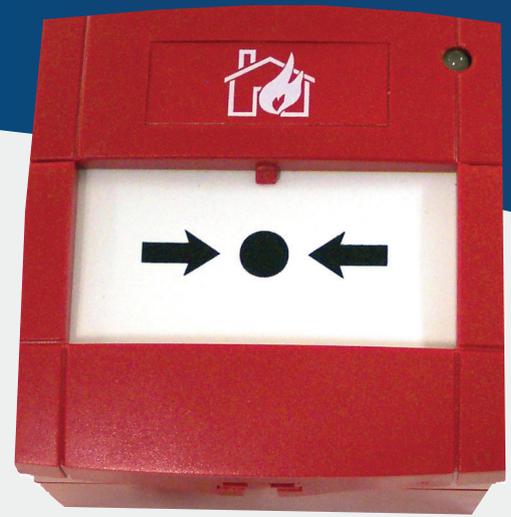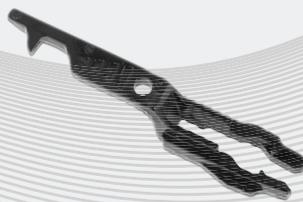It is powered by a 10 year lithium battery.

When the front plate is pressed, a yellow band appears at the top of the plate to indicate that the Ei407 has been activated and the LED will flash red. It will remain that way until it is reset. Using the resetting key, the plate can be pushed back to its original position which will cause the yellow indicator to disappear, the LED to stop flashing red and the Alarms to stop sounding.

The Ei407 uses advanced radio transceiver technology with unique software coding to transmit the proprietary RadioLINK protocol. This ensures a robust "mesh" of RF signals and reliable paths of communication. The house coding feature confines the RF communication to designated devices only, thereby avoiding the inadvertent activation of neighbouring alarm RF systems.

A RF system consists of Ei Electronics Smoke, Heat, CO Alarms and accessory devices that are linked using a proprietary RF protocol. The Ei407 must be House coded to the other RF devices in the system.

It is supplied with the necessary fixings for a quick and simple installation and a resetting key.

Resetting Key ref: SCO70

## Technical Specification

| | |
|---|---|
| **Product life:** | 10 years |
| **Supply Voltage:** | 9V Lithium battery (non replaceable) |
| **RF Frequency:** | 868MHz band (1% duty Cycle) |
| **RF Power:** | +4dBm |
| **RF Range:** | > 100 Metres in free air [1] |
| **Protocol type:** | Mesh architecture |
| **RF Protocol:** | RadioLINK |
| **System size:** | Up to 12 RF devices [2] |
| **Visual indicators:** | 3 colour LED : Green, Red and Yellow |
| | Flashes Green - Battery OK |
| | Flashes Red - RF transmission |
| | Flashes Yellow - Low battery indicator |

**Normal Operating and Storage Temperature Range:**
-10°C to 40°C [3]

**Normal Operating and Storage Humidity Range**
15 % to 95 % Relative Humidity [3]
(non-condensing)

| | |
|---|---|
| **Plastic material:** | UL94 HB |
| **Fixing:** | Re-setting key and screw fixings supplied |
| **Dimensions:** | Product - 87mm x 93mm x 58mm |
| | Package - 90mm x 95mm x 60mm |
| **Weight:** | 200g (Pack + 28g) |
| **Warranty:** | 5 year (limited) warranty |
| **Approvals:** | |

CE Compliant with Radio Equipment Directive 2014/53/EU

Manufactured to ISO 9001 quality standards
Specifications are subject to change

1. Obstructions of any sort will result in a reduction in range from the free space specification. The range may vary depending on installation.

2. Please contact us for further advice if additional RF devices are required.

3. Temperature and Humidity conditions are for normal operation and storage. Units will function outside these ranges as required by the specific product Standards. Extended exposure to conditions outside these ranges can reduce product life. For advice on prolonged operation outside these ranges consult the manufacturer.