

# Ei603RF - Heat Alarm

## Wireless Interconnect 10 Year Lithium Battery

### Key Features

- ▶ Fast acting thermistor for Class A1 Heat detection
- ▶ Wireless interconnect
- ▶ Easy to fit twist-on base
- ▶ Easy to use large Test button
- ▶ Aesthetically pleasing, compact design
- ▶ 5 Year guarantee

### Product Description

The Ei603RF Alarm is activated by heat from a fire, not smoke, which makes it ideal for kitchen installations and other areas where there is normally some level of smoke or fumes and where smoke Alarms may be subjected to false alarms.

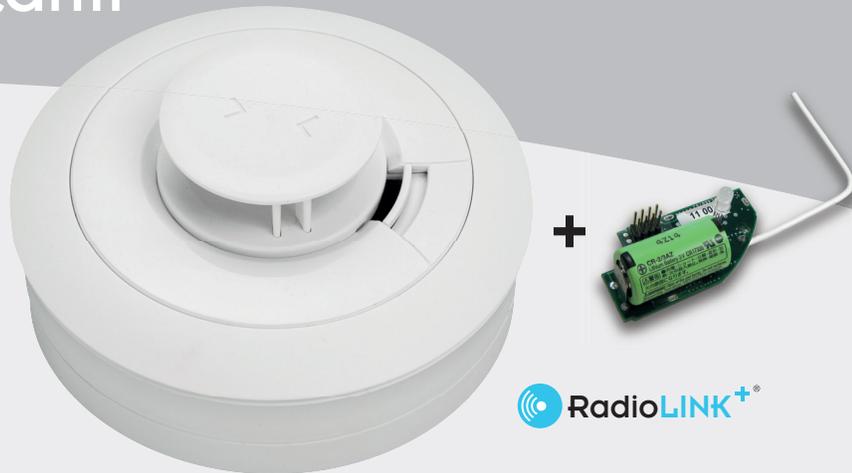
The Ei603RF is powered by a 10 year sealed Lithium battery. The Alarm automatically monitors the battery every 40 seconds. If it is depleted it will give a short beep every 40 seconds.

The Ei603RF must be interconnected to Ei Electronics battery operated smoke Alarms located along the escape routes to ensure sufficient warning is given to all the occupants. It communicates wirelessly via its preinstalled Ei600MRF **RadioLINK<sup>+</sup>** module. Up to 12 devices can be interconnected.

If the battery powered Alarms are interconnected wirelessly, then they must be house coded as a system to prevent communication with other nearby RadioLINK systems.

The Alarm is supplied with an easy to fit twist-on base to facilitate quick and simple installation, combined with easy detector head removal and replacement.

The large Test button allows the user to check the operation of the Alarm. This will check the sensor, sounder, battery voltage and internal circuitry.



### Technical Specification

<b>Sensor Type:</b>	Thermistor (trigger temperature 58°C ± 4°C)
<b>Product life:</b>	10 years
<b>Supply Voltage:</b>	10 year sealed Lithium battery
<b>RF Frequency:</b>	868MHz band (1% duty Cycle)
<b>RF Power:</b>	+10dBm
<b>RF Range:</b>	> 100 Metres in free air <sup>1</sup>
<b>Protocol type:</b>	Mesh architecture
<b>RF Protocol:</b>	RadioLINK <sup>+</sup>
<b>System size:</b>	Up to 12 RF devices <sup>2</sup>
<b>Sound Level:</b>	85 dB(A) at 3m
<b>Button Test:</b>	Simulates a high temperature to check the thermistor, electronics, battery and horn
<b>Visual Indicators:</b>	<b>Red LED :</b> self-check and alarm <b>Blue LED:</b> RF transmission
<b>Normal Operating and Storage Temperature:</b>	Range -10°C to 40°C <sup>1</sup>
<b>Normal Operating and Storage Humidity Range:</b>	15 % to 95 % Relative Humidity (non-condensing)
<b>Fixings:</b>	Screw fixings and mounting plate supplied
<b>Dimensions:</b>	Product - 115mm x 55mm Package - 120mm x 65mm x 150mm
<b>Weight:</b>	215g (Pack + 65g)
<b>Warranty:</b>	5 year (limited) warranty
<b>Approvals:</b>	



KM83678  
BS 5446-2:2003

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 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.