

# RadioLINK+® - Battery Heat Alarm EI603RF



- Battery powered for life with a sealed 10-year lithium battery
- Fast response thermistor sensor, best for large flaming fires
- RadioLINK+ Module fitted for wireless interconnection
- Up to 12 RadioLINK+ & SmartLINK+ Alarms or Devices can be interconnected
- Easy to install, no wiring
- Large easy to use Test/Hush button
- Silence nuisance/false alarms
- Built in piezoelectric horn
- Alarm fault warnings
- Aesthetically pleasing, compact design
- 10yr life

### Fits in:



Kitchen



Garage

### Contains:



### Product Description

The Ei603RF Battery Heat alarm with RadioLINK+ is activated by heat from a fire, not smoke, which makes it ideal for kitchen installations where smoke alarms are prone to nuisance alarms.

The Ei603RF is powered by a sealed 10-year lithium battery that is non-replaceable. It is designed to last for the working life of the alarm. When depleted it will give an audible visual warning.

The Ei603RF is fitted with a RadioLINK+ Module. This will allow the alarm to be interconnected to other RadioLINK+ & SmartLINK+ Alarms and Devices. Up to 12 Alarms and Devices can be interconnected. An interconnected system will enhance early detection and warning of fire.

The Ei603RF is supplied with screw fittings with a simple install twist on mounting base. The alarm is not powered until it is twisted on the mounting base, thus avoiding the battery power consumption during storage and prior to installation.

The Ei603RF and other RadioLINK+ enabled smoke Alarms and Devices must be House Coded together. This will avoid interference and unintentional interconnection with other systems.

The Alarm is fitted with a large central Test/Hush button to facilitate frequent testing of the Alarm and system. The silence function allows the Alarm/System to be silenced in the case of false/nuisance alarm, e.g. Cooking fumes.

### TECHNICAL SPECIFICATION

<b>Sensor Type:</b>	Thermistor—Activated at 58°C
<b>Battery:</b>	3V lithium cell RF Module has it's own lithium cell
<b>Sound Level:</b>	85dB(A) at 3 Meters
<b>RF Frequency:</b>	868.499Mhz RadioLINK protocol
<b>RF Power:</b>	+10dBm
<b>RF Protocol:</b>	Proprietary RadioLINK+ using multi-path, multi-repeater mesh architecture.
<b>RF Range:</b>	100 meters in free air 30 meters in standard property
<b>Button Test:</b>	Simulates the effect of smoke and checks Thermistor, electronics and horn.
<b>Self Test:</b>	Thermistor, battery and electronics are automatically tested every 32 seconds.
<b>Temperature:</b>	Operating - 0°C to 40°C Storage - 0°C to 35°C
<b>Humidity Range:</b>	15% to 95% Relative Humidity
<b>Indicator LED's:</b>	<b>Blue</b> - House Code, RF Transmission <b>Green</b> - Monitoring <b>Red</b> - Alarm, Low Battery, Fault <b>Red Blue</b> - Monitoring Head Removal <b>Red Blue Green</b> - Remote House Code
<b>Plastic material:</b>	HIP UL 94 HB Flame Retardant
<b>Dimensions:</b>	Product - 115mm x 50mm Package - 120mm x 120mm x 55mm
<b>Weight:</b>	209g (Boxed 264g)
<b>Warranty:</b>	5 year (limited) warranty

### Approvals:



Kitemarked to BS 5446-2:2003  
EN 300 220-1 (Radio)  
EN 301 489-3 (EMC)

Specifications are subject to change

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