

# Ei2110e - Multi-Sensor Alarm

**Mains Powered 230V~  
Rechargeable Battery Back-up**

## Key Features

- ▶ Complies with all fire tests - TF 1 to TF7
- ▶ Remote test and control ability for both wired & wireless systems
- ▶ AudioLINK data download
- ▶ Easi-fit base
- ▶ Multiple sensor elements – optical and heat
- ▶ Unique dust compensation algorithm
- ▶ Tamper-proof rechargeable Lithium battery back-up
- ▶ Built-in Test/Hush button
- ▶ Memory of previous alarm activation
- ▶ Wireless interconnect when fitted with Ei100MRF **RadioLINK+** module
- ▶ Kitemarked to BS EN14604:2005
- ▶ 5 year guarantee

## Product Description

The AudioLINK feature facilitates acoustic download of the Alarm parameters and status using a smart app.

The Ei2110e is a Multi-Sensor Fire Alarm that contains two separate sensing elements – optical and heat. Using i-fire® intelligence to monitor two different byproducts of fire, its response to all fire types (TF1 to TF7) is vastly improved over traditional single sensor alarms. The new sensor chamber design, i-fire® intelligence and the unique dust compensation algorithm also combine to reduce the frequency of nuisance alarms.

The Ei2110e runs on 230V AC mains power. In the event of mains failure, the 10 Year+ built in tamper-proof rechargeable Lithium cells will provide back-up supply and continuous operation.

The Ei2110e also has hardwired and wireless (through the Ei100MRF) Remote Control capability, enabling it to be interconnected to and communicate with compatible Ei smoke/heat Alarms and accessories. Up to twelve Alarms can be interconnected, which will cause all Alarms to sound when one unit senses fire.

The Ei2110e self-checks its sensors, battery voltage and internal circuitry approximately every 40 seconds. Any fault condition found will be indicated by a combination of Red/Amber LED flashes and/or sound beeps.

The Ei2110e is designed with advanced diagnostics to help pre-warn of incumbent fault conditions.

The memory feature allows an Alarm that has previously activated to be easily identified.



## Technical Specification

<b>Sensor Type:</b>	Optical & Heat
<b>Supply Voltage:</b>	230V AC, 50Hz
<b>Battery back-up:</b>	Rechargeable lithium backup battery
<b>Sound Level:</b>	85 dB(A) at 3 meters
<b>Temperature:</b>	Operating - 0 to 40°C Storage - 0 to 35°C (in a dry area)
<b>Humidity Range:</b>	0% to 90% Relative Humidity
<b>Button Test:</b>	Simulates high temperature to check optical chamber, thermistor electronics and horn
<b>Indicator LED's:</b>	<b>Green</b> - power, <b>Red</b> - alarm or battery event, <b>Amber</b> - fault event.
<b>Memory:</b>	Red led will flash twice every 40 seconds indicating recent Alarm event.
<b>Diagnostics:</b>	Pre-warn of incumbent fault conditions
<b>AudioLINK:</b>	Enabled
<b>Insect Screen:</b>	Prevents insects or debris entering chamber (1.00mm mesh size)
<b>Plastic material:</b>	UL94V0 flame retardant
<b>Dimensions:</b>	Product - 152mm x 50mm Package - 150mm x 150mm x 70mm
<b>Weight:</b>	320g (Pack +68g)
<b>Warranty:</b>	5 year (limited) warranty
<b>Approvals:</b>	



Kitemarked to  
BS EN14604:2005

Specifications are subject to change