

Multi-Sensor Alarm

MAINS POWERED 230V~

Remote Control Capability &
Rechargeable Battery Back-Up

Model Ei2110

- Multiple sensor elements – optical and heat
- Better response to all fire types than single sensor devices.
- Kitemarked to BS EN14604:2005
- Unique dust compensation
- RF or hardwired connectivity with other Ei devices
- Tamper-proof rechargeable Lithium battery back-up
- Low power cell warning
- Built-in Test/Hush button
- Easi-fit base
- Advanced suppression and calibration technology
- 5 year guarantee



Product Description

The Ei2110 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 is vastly improved over traditional single sensor alarms. It's ability to respond quickly to both fast flaming and smoldering fires, simplifies alarm choice for the designated rooms / areas.

The new sensor chamber design, i-fire® intelligence and the unique dust compensation feature, combine to reduce the frequency of nuisance alarms.

The dust compensation automatically adjusts for any contamination within the optical sensor chamber, resulting in increased longevity and robustness.

The Ei2110 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 Ei2110 also has hardwired 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 Ei2110 is supplied with an easi-fit base that allows quick and simple installation of the alarm, combined with simple alarm head removal and replacement.

Connecting the Ei2110 to an Ei168RC easi-fit RadioLINK base enables the remote control functionality to be performed wirelessly, eliminating the need for hard wired interconnections.

Operation

- The green indicator will illuminate to show mains power is present and the device is in standby mode.
- On receipt of a fire alarm signal the red LED will flash rapidly and the horn alarm will turn on. When the alarm has been cleared the device will remember the event and the red LED will emit two slow flashes every 40 sec for 24 hours.
- When the Ei2110 receives an external fire signal from another smoke/heat/multi-sensor device via interconnect or RadioLINK the horn alarm will turn on.
- Pressing and holding the "Test/Hush" button while the device is in **standby state**, will perform a test on the alarm. This checks the sensors, electronics and sounder.
- Pressing and holding the "Test/Hush" button on a device that has alarmed in past 24 hours, will cause the alarm to emit short beeps. This can aid in identifying the unit that has previously triggered the entire alarm system.
- Pressing and releasing the "Test/Hush" button when the device is in alarm will silence the unit by reducing its sensitivity. The unit will automatically reset after 10 minutes
- When hardwired or RadioLINK interconnected to other Ei mains powered alarms, an alarm on one device will trigger all other interconnected alarms (only the triggered alarm will have a rapidly flashing red indicator)
- When a low back-up battery condition is sensed, the device will emit a single beep and red LED flash every 40 seconds.
- The Amber Led will flash once every 40 seconds, to indicate a device fault condition.



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Model Ei2110

Technical Specification

Supply Voltage:	230V AC Mains Power Supply.	Temperature Range:	0°C to 40°C
Battery back-up:	Built-in 10 Year tamperproof rechargeable Lithium cells.	Humidity Range:	0% to 90% Relative Humidity
Power-On Indicator:	Continuous Green LED when mains connected.	Interconnect:	A combination up to 12 devices can be interconnected. These devices include Ei2110 Multi-Sensor Fire alarms, Ei160 RC Series Smoke & Heat alarms Ei261 series CO alarms*. In addition the following accessories may be interconnected e.g. Ei168RC RadioLINK base, Ei1529RC control switch and EI128R relay base.
Alarm sounder:	Electronic Piezoelectric horn		*Note: we recommend that a control switch be fitted when interconnecting CO alarms with Smoke and fire alarms.
Alarm Indicator:	Red LED will flash twice per second.	Optional Controls:	Ei1529RC Control Switch MCP401RC Manual Call Point
Memory Indicator:	Red LED will flash twice every 40 seconds to indicate the device has been in alarm state in the last 24 hrs.	Fixing:	Easi-fit mounting base
Fault Indicator:	Amber LED flashes once every 40 seconds to indicate excessive smoke chamber contamination. Amber LED flashes once every 40 seconds with an audible beep to indicate a sensor fault.	Plastic material:	UL94VO flame retardant
Low battery:	Red LED will flash once every 40 seconds simultaneously with a horn beep	Dimensions:	152mm diameter x 50mm depth
		Weight:	320g
		Warranty:	5 year (limited) warranty



RadioLINK Interconnect System



Hardwired Interconnect System