

Multi-Sensor Alarm

MAINS POWERED 230V~
Remote Control Capability &
Rechargeable Battery Back-Up

Model EIB2110

- Multiple sensor elements – Optical and Heat
- Better Response to all fire types than single sensor devices
- Certified to AS3786-1993.
- Certified to AS1603.3-1996
- Unique dust compensation
- RF or hardwired connectivity with other Brooks 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 EIB2110 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 smouldering 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 EIB2110 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 EIB2110 also has hardwired **Remote Control** capability, enabling it to be interconnected to and communicate with compatible Brooks 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 EIB2110 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 EIB2110 to an EIB68RF 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 EIB2110 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 BROOKS 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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E & OE As our policy is one of continuous product development, we reserve the right to alter product details without prior notice. DSB AEIB2110 14/02/2013

Sydney - Melbourne - Adelaide - Brisbane - Perth - Hobart - Darwin - New Zealand
fire products and solutions

Technical Specification

Supply Voltage: 230V AC Mains Power Supply.

Battery back-up: Built-in 10 Year tamperproof rechargeable Lithium cells.

Power-On Indicator: Continuous Green LED when mains connected.

Alarm sounder: Electronic Piezoelectric horn

Alarm Indicator: Red LED will flash twice per second.

Memory Indicator: Red LED will flash twice every 40 seconds to indicate the device has been in alarm state in the last 24 hrs.

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.

Low battery: Red LED will flash once every 40 seconds simultaneously with a horn beep

Temperature Range: 0°C to 40°C

Humidity Range: 0% to 90% Relative Humidity

Interconnect: A combination up to 12 devices can be interconnected. These devices include EIB2110 Multi- Sensor Fire alarms, TL and 140 Series Smoke & Heat alarms EIB261 series CO alarms*.

In addition the following accessories may be interconnected e.g. EIB168RF RadioLINK base, EIB128 and EIB128RBU.

*Note: we recommend that a control switch be fitted when interconnecting CO alarms with Smoke and fire alarms.

Optional Controls: BAALOC Alarm Locator EIB450 when EIB168RF is fitted

Fixing: Easi-fit mounting base

Plastic material: UL94VO flame retardant

Dimensions: 152mm diameter x 50mm depth

Weight: 320g

Warranty: 5 year (limited) warranty



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