

# EIB3024 - Multi-Sensor Alarm

Mains Powered 230V~  
Rechargeable Battery Back-up

## Key Features

- Contains both photoelectric and heat sensor
- Complies with all fire tests: TF1-TF6 & TF8
- SmartLINK compatible
- AudioLINK data extraction
- Automatic dust compensation
- Hardwire interconnect (up to 12 devices)
- Optional wireless interconnect (with EIB3000MRF module)
- Easy to use large Test / Silence button
- Memory function
- Easi-fit base
- Energy efficient and low power consumption
- 5 year guarantee

## Product Description

The EIB3024 is a Multi-Sensor alarm containing two separate sensing elements, intelligently monitored, in order to detect the presence of fire. Using its intelligent dual monitoring, it responds much faster to all fire types (TF1 to TF6 & TF8) than a traditional single sensor alarm. In addition, the chamber design, integrated insect screen and unique dust compensation algorithm reduce the risk of false alarms.

The EIB3024 is powered by 230V AC mains. In the event of mains failure, the rechargeable 10-year built-in non-removable lithium battery will provide up to 3 months power supply in the case of a wireless RF installation or up to 6 months in any other case.

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

The EIB3024 can operate as a standalone alarm or can be interconnected either by hard-wire or wirelessly (using the EIB3000MRF module) enabling it to communicate with compatible Brooks alarms and accessories. Up to 12 devices can be interconnected.

The EIB3024 self-checks its sensors, battery voltage and internal circuitry every 48 seconds. Any fault condition found will be indicated by a combination of yellow LED flashes and chirps.

The memory feature allows an alarm that has previously activated to be easily identified (through the red flashing LED).

### Compatibility

**Hardwire:** 3000 Series, 160e Series, 140RC Series, EIB128RBU, BA128, BAVISA240, BAALOC & BAAISO/BAATLS (EIBPLATE must be used)

**Wireless:** SmartLINK EIB3000MRF must be used. EIB450, EIB411RF, EIB413, EIB170RFAU, EIB408RF, EIB408RFH, EIB428RF, EIB168RC, EIB407RF, EIB100MRF, EIB600MRF, EIB605MRF, EIB420RF.

Note: for full specifications and limitations, refer to the specific product data sheet.



## Technical Specification

<b>Sensor Type:</b>	Photoelectric & Thermistor (Class A1 detection. Trigger temperature 58°C ± 4°C)
<b>Supply Voltage:</b>	230V AC, 50Hz
<b>Power Consumption:</b>	0.25W (standby)
<b>Battery back-up:</b>	Non-removable Rechargeable lithium battery
<b>Interconnectable:</b>	Via hardwire (wireless optional with EIB3000MRF)
<b>Sound Level:</b>	85 dB(A) at 3m
<b>Button Test:</b>	Checks sensors, electronics & horn
<b>Silence function:</b>	Silences alarm for 10 minutes Silences fault chirps for 12 hours
<b>Data download:</b>	Via the AudioLINK App
<b>Indicator LED's:</b>	<b>Green LED</b> - Power <b>Red LED</b> - In alarm (if coincides with horn sounding), in hush mode or memory <b>Yellow LED</b> - Fault
<b>Memory Feature:</b>	Records last alarm event
<b>End of Life:</b>	Audible and visual indicators (3 yellow flashes and 3 beeps)
<b>Insect screen:</b>	Fine mesh
<b>Fixing:</b>	Screw fixing and Easi-fit base supplied
<b>Temperature Range:</b>	-10°C to 40°C <sup>1</sup>
<b>Humidity Range:</b>	15 % to 95 % RH (non-condensing) <sup>1</sup>
<b>Plastic material:</b>	UL94VO flame retardant
<b>Dimensions:</b>	Product - 150mm x 66mm Package - 180mm x 155mm x 70mm
<b>Weight:</b>	346g (Pack +66g)
<b>Warranty:</b>	5 year (limited) warranty
<b>Approvals:</b>	Photoelectric: AS3786:2014 +A1:2015 +A2:2018 Heat: AS1603.3:2018 Interconnection: NZS 4514:2021 Module (optional): AS/NZS 4268



Manufactured to ISO 9001 quality standards

1. 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.

Due to continual product development, Brooks reserve the right to alter product details and specifications without prior notice.

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