

# EIB146RC - Photoelectric Smoke Alarm

Mains Powered 230V<sup>~</sup>  
Alkaline Battery Back-up

## Key Features

- ▶ Remote Test + Control – Wired & Wireless
- ▶ Integrated Piezoelectric sounder
- ▶ Easi-fit base
- ▶ Insect screen
- ▶ Test/Silence button
- ▶ Alarm Memory Feature
- ▶ Low battery Indication
- ▶ Hardwire Interconnect
- ▶ Wireless Interconnect when fitted with EIB168RC
- ▶ Conforms to AS3786:2014 + A1:2015
- ▶ 5 Year Guarantee

## Product Description

The EIB146RC is an Photoelectric Smoke Alarm with 230V AC mains power supply and replaceable Alkaline battery back-up.

The EIB146RC is supplied with the Easi-fit base to facilitate quick and simple installation, combined with simple smoke alarm head removal and replacement. The Easi-fit base automatically connects both mains power and battery as the smoke alarm head slides on.

The EIB146RC may operate as a standalone alarm or may be interconnected to other alarms via a wired or wireless system, max. 12 Alarms can be interconnected. For a wireless system each alarm must be fitted with an EIB168RC RadioLINK base. When interconnected all alarms in the system will sound if a fire is detected.

The alarm is fitted with a test/silence button to facilitate frequent testing of your alarm and system. The silence function allows the alarm/system to be silenced in the case of a false / nuisance alarm, e.g. cooking fumes.

The EIB146RC is fitted with a mains “power on” green LED indicator and red LED indicator for various conditions.

The memory feature allows an alarm that has previously activated to be easily identified (the red LED flashes twice every minute for 24 hours).



## Technical Specification

<b>Sensor Type:</b>	Photoelectric
<b>Supply Voltage:</b>	230V AC, 50Hz
<b>Battery back-up:</b>	9V Alkaline replaceable
<b>Sound Level:</b>	85 dB(A) at 3m
<b>Button Test:</b>	Simulates the effect of smoke and checks chamber, electronics and horn
<b>Battery Self Check:</b>	The back-up battery is checked every 40 seconds and the unit beeps (followed by red LED flash) if it is degraded.
<b>Chamber Self-Test:</b>	Smoke chamber is automatically tested every 40 seconds and unit beeps (without red LED flash) if it is degraded
<b>Normal Operating and Storage Temperature:</b>	Range 0°C to 40°C <sup>1</sup>
<b>Normal Operating and Storage Humidity Range</b>	15 % to 95 % Relative Humidity (Non-condensing)
<b>Insect Screen:</b>	Prevents insects or debris entering chamber (1.00mm mesh size)
<b>Plastic material:</b>	UL94VO flame retardant
<b>Dimensions:</b>	Product - 150mm x 55mm Package - 153mm x 62mm x 180mm
<b>Weight:</b>	410g (incl. Pkg.)
<b>Warranty:</b>	5 year (limited) warranty
<b>Approvals:</b>	Photoelectric: AS3786:2014 + A1:2015



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.

## Compatibility

**Hardwire:** BA128, EIB128RBU, BAVISA240, BAALOC and BAAISO / BAATLS (EIBPLATE must be used)

**Wireless:** EIB450, EIB411RF, EIB413, EIB170RFAU, EIB408RF, EIB408RFH, EIB428RF, EIB407RF, EIB100MRF, EIB3000MRF

**Interconnection Compatibility:** EIB3000 Series, EIB160e Series and EIB140 series.

**Note:** For full specification and limitation of use refer to the specific product data sheet.

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

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