Smoke Alarm

9V Battery Powered

RadioLINK PROFESSIONAL & Wired Interconnection

Model EIB605CRF Photoelectric

- **Supplied with EIB605MRF RadioLINK module**
- **Interconnect up to 12 battery powered alarms**
- **Early detection to all standard domestic fires types**
- **Built-in high audibility warning sounder**
- **Large Easy to use Test/Hush button**
- **Hush Feature allows nuisance alarm control**
- **Easy to install twist-on base design**
- **Aesthetically pleasing, compact design**
- **Innovative and robust optical chamber design**
- **Manufactured in Ireland to ISO 9001:2000**
- **Certified to AS/NZS4268:2003**
- **Certified to AS3786**
- **EN 14604:2005 3rd party approved**
- **5 year Guarantee**

Product Description

The EIB605CRF is a Photoelectric (Optical) Smoke Alarm using the light scatter principle, giving a quick response to all standard domestic fire types.

It's powered by a 9V replaceable alkaline battery (supplied with the alarm)

The EIB605CRF supports wired and wireless interconnection of up to 12 smoke alarms and 8 Remote Control devices.

A unique housecoding feature prevents the system from communicating with other nearby RadioLINK systems.

Remote Control Switches (EIB411H) may be added to the system to provide remote Locate, Test and Hush functionality.

The EIB605CRF is designed for simple installation, commissioning and maintenance.

The EIB605CRF has a large, easy to use, combined Test/Hush button enables full testing of the alarm and the ability to silence nuisance alarms.

Operation

- The smoke detector will activate the built in sounder upon sensing smoke particles.
- When configured as an interconnect system the alarm sensing the fire will also sound all the other smoke alarms.
- The red indicating LED will flash once every 40 seconds to show that the alarm is powered and it has performed an automatic self-test.
- The built in sounder will provide a minimum sound output of 85dB at 3m.
- Pressing and holding the "Test/Hush" button will perform a self test and sound the horn – checking the chamber, electronics and horn.
- Momentarily pressing the "Test/Hush" button when an alarm is sounding will set the alarm into "HUSH" mode. This reduces the sensitivity for a period of 10 minutes, after which the alarm automatically resets – providing control over nuisance alarms.
- The alarm is not powered until it is connected to the twist on base, thus avoiding battery power consumption during storage and prior to installation.

BROOKS fire • evacuation • warning systems

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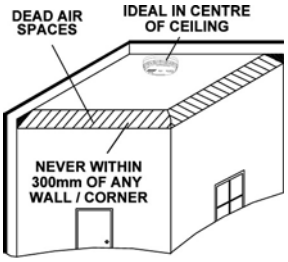
Model EIB605CRF Optical

Technical Specification

Sensor:	Optical, uses light scatter from smoke particles
Sensitivity:	Certified to AS3786 Complies with the requirements of BS EN 14604: 2005
Airspeed:	Essentially immune to the effect of airspeed.
Button Test:	Simulates the effect of smoke to check chamber, electronics and horn.
Hush:	Silences nuisance alarm. Automatically resets after approximately 10 minutes.
Supply Voltage:	9V Battery
Power-On Indicator:	Red LED flashes through cover every 40 seconds
Frequency:	926MHz band (1% duty cycle)
Alarm:	Piezoelectric-horn (built-in)
Alarm Sound Output:	85dB (minimum) at 3m
Temperature Range:	0 to 40°C
Humidity Range:	15% to 95% Relative Humidity – non condensing
Interconnect:	Hardwire interconnect up to 12 battery powered alarms. Up to 12 smoke alarms maybe RadioLINK interconnected. In addition up to 8 Remote Control devices may be fitted
Fixing:	Screw fixings supplied
Dimensions:	115mm (diameter) x 45mm (height)
Weight:	200 grams
Warranty:	5 year (limited) warranty
Approvals:	Certified to AS3786 VdS approved to BS EN14604:2005, CE approved, Manufactured to ISO 9001:2000 quality standards. Certified to AS/NZS4268:2003

Specifications are subject to change

Installation & Placement



Alarms should be placed in accordance with the general guidelines shown in the diagram above. These recommendations are based on the problem of areas of “dead air” close to corners of rooms and apexes of ceilings, which could result in the prevention of smoke reaching the smoke detector

Please consult the Instruction Leaflet supplied with the EIB605CRF for detailed instructions as to how to correctly install and position the smoke detector

Important Precaution:
Do not install the actual smoke/heat alarm itself in new or renovated buildings until all work is completed (including floor coverings) and the building has been fully cleaned. (Excessive dust and debris from building work can contaminate the smoke chamber and cause problems, and it will also invalidate the guarantee). If it must be installed, cover it completely, particularly around the edges, with a dust cover (eg. a plastic bag), until all cleaning is finished.

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