EIB168RC - RadioLINK Alarm Base

Mains Powered 230V~ RadioLINK

Key Features

- Mains powered with battery back-up
- RF Wireless interconnect
- Supports wireless remote control
  - Remote Test: Test alarms
  - Remote Locate: Identify triggered alarms
  - Remote Silence: Silence alarms
- Proprietary RadioLINK protocol
  - Multi-path
  - Multi-repeater
- Certified to AS/NZS 4268:2012
- 5-year Guarantee

Product Description

The EIB168RC is an Easi-fit mounting plate with built-in RadioLINK circuit. It provides wireless interconnect between EIB140RC series alarms and other RF alarms and devices, i.e. when one alarm is triggered, all alarms in the system sound.

It is mains powered with a rechargeable battery back-up with a visual low battery indicator.

The EIB168RC allows system control when used with the optional RadioLINK Remote Controllers and switches. This enables remote test, silence and alarm locate functions to be easily performed from floor level.

The system is secured by a special house-coding function to safeguard the system from interference from other RF systems. Likewise, the same special house-coding prevents the RadioLINK system being a source of interference for other RF systems.

The EIB168RC allows for easy expansion of an existing hard-wired interconnected system. Simply fit an EIB168RC to one of the existing alarms and fit the additional alarms with EIB168RC bases and house-code the RadioLINK alarms into a system. If any alarm, wired or wireless, is now triggered it will sound all the alarms in the system. A mixed wired and wireless system is often referred to as a hybrid system.

If using a remote controller or switch in a hybrid system it must be installed on the wireless section of the system.

Compatibility

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

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

Technical Specification

Supply Voltage:	230V AC, 50Hz
Battery back-up:	Rechargeable lithium
RF Frequency:	926Mhz RadioLINK protocol
RF Power:	+5dBm
RF Protocol:	Proprietary RadioLINK using multi-path, multi-repeater mesh architecture
RF Range:	> 100 metres in free air[1]
System Size:	12 RadioLINK devices[2]
Indicators::	Blue LED for RF and fault signals
Normal Operating and Storage Temperature:	Range 0°C to 40°C [3]
Normal Operating and Storage Humidity Range:	15% to 95% Relative Humidity (Non-condensing)
Plastic material:	UL94VO flame retardant
Dimensions:	Product - 150mm x 37mm (20mm installed) Package - 153mm x 153mm x 40mm
Weight:	235g (incl. Pkg.)
Warranty:	5 year (limited) warranty
Approvals:	Module: AS/NZS4268:2012 Interconnection: NZS 4514:2021

1. Obstructions of any sort will result in a reduction in range from the free space specification. The range may vary depending on installation.
2. Please contact Brooks for further advice if additional RF devices are required.
3. 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.

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