

Ei168RC - RadioLINK Alarm Base

**Mains Powered 230V~
Rechargeable Battery Back-up**

Key Features

- ▶ RF Base for Ei140RC compatible series Alarms
- ▶ RF Wireless interconnect
- ▶ Interconnect up to 12 devices
- ▶ Transmits, receives and repeats RF specific data
- ▶ Uses mesh architecture
- ▶ Unique House Coding feature
- ▶ 5 Year Guarantee

Product Description

The Ei168RC is an Easi-fit mounting plate with built-in RadioLINK circuit compatible with the Ei140RC series. It enables the Alarms to communicate wirelessly with other Ei Electronics RF devices, i.e. when one Alarm is triggered, all Alarms in the RF system sound.

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

The Ei168RC also supports remote Test, Silence and Locate messages coming from an Ei Electronics RF device.

The Ei168RC is a short range device using a transceiver to transmit, receive and repeat the RadioLINK RF protocol. This ensures a robust "mesh" of RF signals and reliable paths of communication.


The house coding feature confines the RF communication to designated RF devices only, thereby avoiding the inadvertent activation of neighbouring Alarm RF systems.

The Ei168RC allows for easy expansion of an existing hard-wired interconnected system. Simply fit an Ei168RC to one of the existing Alarms and fit the additional Alarms with Ei168RC 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.



Technical Specification

Product Life:	10 Years
Supply Voltage:	230V AC, 50Hz
Battery Back-up:	Rechargeable lithium battery (non replaceable)
RF Frequency:	868MHz band (1% duty Cycle)
RF Power:	+7dBm
RF Range:	> 100 Metres in free air ¹
Protocol type:	Mesh architecture
RF Protocol:	RadioLINK
System size:	Up to 12 RF devices ²
Visual indicators:	Blue LED - RF transmission and low battery
Normal Operating and Storage Temperature:	Range -10°C to 40°C. ³
Normal Operating and Storage Humidity Range	15 % to 95 % Relative Humidity (non-condensing)
Plastic material:	UL94VO flame retardant
Fixing:	Screw fixing supplied
Dimensions:	Product - 150mm x 37mm (20mm installed) Package - 182mm x 154mm x 40mm
Weight:	170g (Pack +40g)
Warranty:	5 year (limited) warranty
Approvals:	

 Compliant with Radio Equipment Directive 2014/53/EU

Manufactured to ISO 9001 quality standards
Specifications are subject to change

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 us for further advice if additional RF devices are required.
3. The Normal Operating Temperature and Humidity Ranges are the conditions for normal storage and installation. The units will obviously function outside these ranges as required by their specific standards. However prolonged exposure to conditions outside these ranges can reduce product life. For advice on prolonged operation outside these ranges consult the manufacturer.