

Ei168RC Base

**MAINS POWERED 230VAC
with Rechargeable back-up**

Key Features

- ▶ Mains powered with battery back-up
- ▶ RadioLINK 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
 - RF performance to EN300220-3
- ▶ CE Certified
- ▶ 5 Year Guarantee

Product Description

The Ei168RC is an Easi-fit mounting plate with built-in RadioLINK circuit. It provides wireless Interconnect between Ei140RC, Ei160RC and Ei2110 alarms, 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 Ei168RC 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 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

Supply Voltage:	230V AC, 50Hz
Battery Back-up:	Rechargeable lithium
RF Frequency:	868.499Mhz RadioLINK protocol
RF Power:	+5dBm
RF Protocol:	Proprietary RadioLINK using multi-path, Multi-repeater mesh architecture.
RF Range¹:	> 100Metres in free air.
System size:	12 RadioLINK devices max
Temperature:	Operating - 0 to 40°C Storage - 0 to 35°C (in a dry area)
Humidity Range:	15% to 95% Relative Humidity
Indicators:	Blue LED for RF and Fault signals
Plastic material:	UL94VO flame retardant
Dimensions:	Product - 150mm x 37mm (20mm installed) Package - 153mm x 153mm x 40mm
Weight:	235g (Incl. Pkg.)
Guarantee:	5 year (limited) Guarantee
Approvals:	CE certified EN300220-3 (RF) 301498-3 (EMC)

1. Obstructions of any sort will result in a reduction in range from the free space specification. The range may vary depending on installation.

Specifications are subject to change