

# Ei168RC - 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
  - 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.

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



## Technical Specification

<b>Supply Voltage:</b>	230V AC, 50Hz
<b>Battery Back-up:</b>	Rechargeable lithium
<b>RF Frequency:</b>	868.499Mhz RadioLINK protocol
<b>RF Power:</b>	+5dBm
<b>RF Protocol:</b>	Proprietary RadioLINK using multi-path, Multi-repeater mesh architecture.
<b>RF Range<sup>1</sup>:</b>	> 100Metres in free air.
<b>System size:</b>	12 RadioLINK devices max
<b>Temperature:</b>	Operating - 0 to 40°C Storage - 0 to 35°C (in a dry area)
<b>Humidity Range:</b>	15% to 95% Relative Humidity
<b>Indicators:</b>	Blue LED for RF and Fault signals
<b>Plastic material:</b>	UL94VO flame retardant
<b>Dimensions:</b>	Product - 150mm x 37mm (20mm installed) Package - 153mm x 153mm x 40mm
<b>Weight:</b>	235g (Incl. Pkg.)
<b>Warranty:</b>	5 year (limited) warranty
<b>Approvals:</b>	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