

# RadioLINK Base - Ei168RC



- RF upgrade for 140RC Series Alarms
- Enables wireless interconnection for Alarms
- Mains powered with rechargeable lithium cell back-up
- Interconnect up to 12 Alarms and Devices
- Makes it easier to add in new Alarms and Devices
- Eliminates tricky wiring runs
- Reduces installation time
- Reduces disruption and inconvenience
- Simple wiring and House Coding
- Multi path, multi repeater 'Mesh' system
- LED indicator
- Supports wireless remote control
- Same Base

## FIT WITH:

140RC Series Alarms



## CONTAINS:



## PRODUCT DESCRIPTION

The Ei168RC Alarm Base is an mounting plate with a built in RF circuit designed to fit beneath 140RC Series Alarms. It provides wireless interconnection between other enabled Alarms and Devices. Up to 12 Alarms and Devices can be interconnected together so that when one Alarm is triggered all Alarms in the system sound. An interconnected system will enhance early detection and warning of fire.

The Ei168RC is mains powered with a back-up lithium cell. This ensures the Alarm base will still operate during a power outage and send out it's Alarm signal. The Base includes a battery on/off switch which will automatically power the device upon Alarm head attachment.

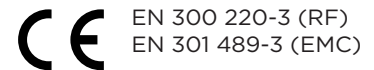
Using the House-Code function you can install all of your Alarms into one system. This will safeguard the system from interference from other RF systems. Likewise House-Coding prevents the system being a source of interference for other RF systems.

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 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 an Alarm Remote Controller or switch in a hybrid system it must be installed on the wireless section of the system.

## TECHNICAL SPECIFICATION

- Supply Voltage:** 230V AC, 50Hz
- Battery backup:** Rechargeable lithium cells
- RF Frequency:** 868.499 Mhz RadioLINK protocol
- RF Power:** +5dBm
- RF Protocol:** Proprietary RadioLINK using multi-path, multi-repeater mesh architecture
- RF Range:** 100 metres in free air  
30 metres in standard property
- Temperature:** Operating - 0°C to 40°C  
Storage - 0°C to 35°C (in a dry area)
- Humidity Range:** 15% to 95% Relative Humidity
- Indicator LED:** **Blue** - typically RF transmission, house code mode, low battery
- Plastic material:** UL94VO flame retardant
- Dimensions:** Product - 150mm x 37mm (20mm installed)  
Package - 153mm x 153mm x 40mm
- Weight:** 176g (Boxed 235g)
- Warranty:** 5 year (limited) warranty
- Approvals:**



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

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