

RadioLINK[®] Base — Ei168RC



- RF upgrade for Mains Powered '140RC' Series Alarms
- Enables wireless RadioLINK[®] interconnection for Alarms
- Mains powered with rechargeable lithium cell back-up
- Compatible with other Aico wireless interconnection products
- Makes it easier to ass in new Alarms & Devices to existing systems
- 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 Easi-fit base

Fit with:

140RC Series Alarms



Contains:



Product Description

The Ei168RC RadioLINK[®] Alarm base is an **easi-fit** mounting plate with a built in RF circuit designed to fit beneath 140RC Series Alarms. It provides wireless interconnection between other RadioLINK[®] enabled Alarms & Devices. Up to 12 other RadioLINK⁺ or SmartLINK[®] 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 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 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
Power Consumption:	2.4W
Battery backup:	Rechargeable lithium cells
RF Frequency:	868.499Mhz RadioLINK protocol
RF Power:	+5dBm
RF Protocol:	Proprietary RadioLINK using multi-path, multi-repeater mesh architecture.
RF Range:	100 meters in free air 30 meters in standard property
Temperature:	Operating - 0°C to 40°C Storage - 0°C to 35°C
Humidity Range:	15% to 95% Relative Humidity
Indicator LED's:	Blue - typically RF transmission, house code mode indicator, factory reset
Plastic material:	HIP UL 94 V0 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:	



EN 300 220-3 (Radio)
EN 301 489-3 (EMC)

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