

Radio Frequency Alarm Panel

MAINS POWERED 230V~

For the deaf and hard of hearing

Model Ei 169RF

- RF smoke alarm system
- Includes RF Control Panel with high intensity strobe and vibration pad
- RF wireless interconnect to all RadioLINK smoke/heat alarms and accessories
- Rechargeable battery back up
- Test button
- Interconnectable to other Ei alarms
- Auxiliary sockets
- Low power cell warning
- Complies with BS415:1990 electrical safety
- 5 year guarantee



Product Description

The Ei169RF is an RF smoke alarm system designed for the deaf and hard of hearing. The system includes a Control Panel and an Ei174 Vibrating Pad.

The Control Panel includes a high intensity Xenon strobe, a sealed lead-acid rechargeable battery for standby use in the event of mains failure and all the required RF circuitry to connect to RadioLINK smoke/heat alarms and Ei174 vibrating pads

The Control Panel also incorporates a Test button

The Ei174 vibrating pad is designed to be placed under the mattress or pillow to waken people who fail to respond to the strobe alarm

Up to 12 RadioLINK smoke/heat alarms and RF accessories (Ei3100RF, Ei3105RF, Ei3103RF, Ei405, Ei405TY, Ei168RC, Ei411, Ei428, Ei407, Ei410) can be interconnected to the Control Panel.

In addition, additional Control Panels may be interlinked wirelessly.

Operation

- The green indicator will illuminate to show mains power is present
- The red indicator will flash once every second to show that the mains supply is off and the system is running on battery backup power
- The amber indicator will flash as the RF signal is transmitted from the control panel. It is also used to indicate house code mode.
- The slide switch on the control panel disconnects mains and battery power from the control panel and extinguishes both LED indicators
- The "Test" button will check the strobe, vibration pad and panel, as well as activating all RadioLINK devices connected to the Control Panel
- When any of the connected RadioLINK smoke/heat alarms are activated, the Control Panel will flash the strobe at 1Hz and activate the vibrating pad
- An auxiliary socket allows the connection of an extra strobe or vibrating pad



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Technical Specification

Button Test:	Tests strobe, vibration pad, panel and all connected RadioLINK smoke alarms and accessories	Humidity Range:	0% to 90% Relative Humidity
Supply Voltage:	230V AC standby 8mA, alarm 40mA	Interconnect:	Up to 12 interconnected RadioLINK smoke/heat alarms and accessories (Ei3100RF, Ei3105RF, Ei3103RF, Ei405, Ei405TY, Ei168RC, Ei411, Ei428, Ei407, Ei410)
Battery back up:	Sealed Rechargeable lead acid battery	Fixing:	Screw fixings supplied
Auxiliary socket:	Provides 12V/200mA in alarm	Plastic material:	UL94VO flame retardant
Power-On Indicator:	Continuous green LED	Warranty:	5 year (limited) warranty
Alarm:	Xenon tube strobe (1Hz)	Approvals:	BS 415:1990 electrical safety
Temperature Range:	0 to 40°C		Specifications are subject to change

Placement Information



Alarms should be placed in accordance with the general guidelines shown in the diagram above. These recommendations are based on the problem of areas of "dead air" close to corners of rooms and apexes of ceilings, which could result in the prevention of smoke reaching the smoke detector

Important Precaution:

Do not install the actual smoke/heat alarm itself in new or renovated buildings until all work is completed (including floor coverings) and the building has been fully cleaned. The wiring can be installed when appropriate. (Excessive dust and debris from building work can contaminate the smoke chamber and cause problems, and it will also invalidate the guarantee). If it must be installed, cover it completely, particularly around the edges, with a dust cover (eg. a plastic bag), until all cleaning is finished.. Connect wires to the unit as in wiring diagram. All wiring must comply with local codes.



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