

RadioLINK Alarm

MAINS POWERED 230V~

Alarm for Deaf & Hard of Hearing

Model Ei170RF

- Integral high intensity strobe
- Plug-in vibration pad
- Wireless interconnection to RadioLINK units
- Visual RF transmission and power indicators
- Unique House-Coding
- Rechargeable battery back-up
- Low battery power warning
- Auxiliary sockets for connection of additional devices
- 5 year guarantee



Product Description

The Ei170RF is a RadioLINK alarm system designed to give warning to the deaf and hard of hearing on receipt of an alarm or test signal. It consists of a control box with integral strobe and a plug-in vibration pad.

The Ei170RF is designed to be powered from a permanent mains power supply. It also contains a rechargeable battery that provides back-up power in the event of mains failure.

It has a built-in high intensity Xenon strobe with a specially designed lens that provides wide-angle light output. An integral 'Test' button on the front of the unit, allows an easy means of testing the strobe, vibration pad and the RadioLINK bases/alarms in the system.

The vibration pad has a simple plug-in connector and is designed to be placed under a pillow to wake people who fail to respond to the visual strobe.

The Ei170RF uses advanced transceiver and signal coding technology to ensure robust and reliable RF signaling. It also has a House-Code feature that allows a system of RadioLINK units to be coded together to prevent interference with neighboring systems.

The Ei170RF supports connectivity to optional input and output devices, e.g. pagers, strobes, alarm clocks.

Operation

- On receipt of a RadioLINK alarm or test signal, the strobe will flash, the pad will vibrate on a 2 second cycle and the Red LED will flash.
- Pressing the integrated 'Test' button will check and activate the strobe and vibration pad. The unit will also send out a RadioLINK alarm signal that will activate all RadioLINK bases/alarms in the system.
- LED indicators provide status information on Power, Fault, RF activity and Alarm conditions.
- Auxiliary 1 output is activated on receipt of a RadioLINK alarm or test signal. The output will drive the attached device (optional), e.g. additional vibration pad.
- Auxiliary 2 is activated on receipt of a RadioLINK alarm or test signal. The output will drive the attached device (optional), e.g. pager.
- On receipt of a signal from an alarm clock via the clock input the vibration pad will be activated. To distinguish it from an alarm or test signal the vibration will be continuous. The strobe light is not activated by the clock input.



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Technical Specification

Supply Voltage:	230V AC, 50Hz Transformer supplied with device.	Temperature Range:	0°C to 40°C
Battery back-up:	Sealed Rechargeable lead acid battery	Humidity Range:	15% to 95% Relative Humidity – non condensing
Power-On Indicator:	Continuous Green LED when mains connected. Amber light flashes every 4 seconds when mains is absent	Frequency:	868MHz band (1% duty cycle)
Alarm Indicators:	Xenon tube strobe (1.5 Hz) Red LED flashes every second The vibration pad, in alarm, has an on-off 2 second cycle	Interconnect:	Up to 12 interconnected RadioLINK smoke/heat alarms and accessories (Ei3100RF, Ei3105RF, Ei3103RF, Ei405, Ei405TY, Ei168RC, Ei410, Ei411H, Ei428, Ei407, Ei174, Ei178)
Fault Indicator:	Amber LED flashes every 4 seconds when a fault is detected or battery is low.	Accessories:	Ei178 Auxiliary Strobe Light Ei174 Auxiliary Vibration Pad.
RF Indicator:	Blue LED on to indicate RF transmission	Fixing:	Wall or surface mounting screw fixings supplied
Auxiliary Output 1:	Provides 12V DC /180mA in alarm	Plastic material:	UL94VO flame retardant
Auxiliary Output 2:	Provides 12V DC /20mA in alarm	Warranty:	5 year (limited) warranty
Alarm Clock Input:	5-24V (AC or Mains isolated DC) 3.5mm mono jack socket	Approvals:	BS 415:1990 electrical safety CE Marked
Test Button:	Tests strobe, vibration pad, panel and all connected RadioLINK smoke alarms and accessories		

Specifications are subject to change

