

Ei144RC - Heat Alarm

Mains Powered 230V~ Alkaline Battery Back-up

Key Features

- ▶ Fast acting thermistor for Class A1 Heat detection
- ▶ Hardwire interconnect
- ▶ Remote Test, Locate and Silence compatible
- ▶ Easi-fit base
- ▶ Easy to use large Test/Hush button
- ▶ Memory feature
- ▶ 5 year guarantee

Product Description

The Ei144RC Heat Alarm is fitted with a fast acting Class A1 sensor to quickly sense heat build-up from fires. Powered by 230V AC with a 9V user replaceable Alkaline battery backup to ensure continuous operation (up to 3 years) in the event of mains failure.

The Alarm is supplied with the "Easi-fit" base to facilitate quick and simple installation, combined with easy detector head removal and replacement. The Easi-fit base automatically connects both mains power and battery as the detector head slides on.

The Ei144RC can only be used as part of a fire detection system ie interconnected with Ei Electronics mains powered Smoke Alarms. It can be interconnected via hardwire to communicate with compatible Ei Alarms and accessories. Up to 12 devices can be interconnected. Interconnecting the Ei144RC with the Ei1529RC enables the user to Locate, Silence and Test the Alarms remotely.

The Alarm automatically monitors the battery every 40 seconds. If it is depleted it will give a short beep every 40 seconds.

The large Test and Hush button allows the user to check the operation of the Alarm. This will check the sounder, battery voltage and internal circuitry.

The memory feature allows an Alarm that has previously activated to be easily identified. This is indicated by 2 red led flashes every 40 seconds for 24 hours (after the event).



Technical Specification

Sensor Type:	Thermistor (trigger temperature 58°C ± 4°C)
Product Life:	10 Years
Supply Voltage:	230V AC, 50Hz
Battery back-up:	9V Alkaline Replaceable
Sound Level:	85 dB(A) at 3m
Button Test:	Simulates a high temperature to check the Thermistor, electronics and horn
Silence function:	Silences alarm for 10 minutes
Visual indicators:	Green LED : Power Red LED: Self-check, alarm, hush & memory
Memory feature:	2 red flashes every 40s to indicate a previous alarm activation
Normal Operating and Storage Temperature Range:	-10°C to 40°C ¹
Normal Operating and Storage Humidity Range:	15 % to 95 % Relative Humidity (non-condensing)
Plastic material:	UL94VO flame retardant
Fixing:	Screw fixing and Easi-fit base supplied
Dimensions:	Product - 150mm x 66mm Package - 180mm x 72mm x 155mm
Weight:	350g (incl. Pkg.)
Warranty:	5 year (limited) warranty
Approvals:	



KM83678
BS 5446-2:2003

Manufactured to ISO 9001 quality standards
Specifications are subject to change

1. Temperature and Humidity conditions are for normal operation and storage. Units will function outside these ranges as required by the specific product Standards. Extended exposure to conditions outside these ranges can reduce product life. For advice on prolonged operation outside these ranges consult the manufacturer.