

# Heat Alarm

9V Battery

## Model Ei 103C Heat Alarm

- Fixed temperature fast response thermistor type sensor, range 54°C to 62°C
- 9 volt battery
- Test button
- Interconnect up to 12 alarms
- Automatic reset facility
- Kitemarked to BS5446-1:2000
- 5 year guarantee



## Product Description

The Ei103C is a Heat Alarm that runs on a 9V battery.

The Ei103C has advanced features such as the ability to interconnect up to twelve alarms to allow all alarms to sound if just one of the interconnected alarms should be triggered.

The Ei103C heat alarm gives a fire warning when the temperature at the unit reaches 58°C. Heat alarms are ideal for use in kitchens and garages, where the use of optical or ionisation alarms would lead to unwanted nuisance alarms.

The Ei103C is fitted with a warning flag that pops up when the battery is removed. This prevents the cover from closing when there is no battery fitted to the unit. When the battery is being installed or changed, this flag must be held down while gently pushing the battery into the battery holder

**On escape routes this alarm must be interconnected with smoke alarms.**

## Operation

- The alarm will activate the built in sounder upon detecting heat that reaches 58°C
- The heat alarm will automatically reset itself and silence the sounder when the temperature drops below the preset level.
- The built in sounder will provide a minimum sound output of 85dB at 3m
- The smoke detector will emit a beep every 40 seconds to indicate that the battery back up is depleted and needs replacing
- The "Test" button will simulate the effect of heat and tests sensor, electronics and horn-use.
- Interconnect up to 12 other alarms (9V ionisation, optical or heat) when one senses smoke, all alarm. Helps ensure warning will be heard throughout the house



Shannon Free Zone, Shannon, Co. Clare, Ireland.  
Ph.+353 61 471277 Fx.+353 61 471053  
Email. [eielectronics@eiltld.ie](mailto:eielectronics@eiltld.ie)  
Web: [www.eielectronics.com](http://www.eielectronics.com)

## Model Ei103C Heat Alarm

### Technical Specification

<b>Sensor:</b>	Thermistor	<b>Alarm:</b>	Piezoelectric horn in unit
<b>Sensitivity:</b>	Complies with BS 5446 Part 1: 2000	<b>Alarm Sound Output:</b>	85dB (minimum) at 3m
<b>Source:</b>	Contains no radioactive material	<b>Temperature Range:</b>	0 to 40°C
<b>Airspeed:</b>	Essentially immune to the effect of airspeed.	<b>Humidity Range:</b>	0% to 90% Relative Humidity
<b>Button Test:</b>	Simulates the effect of heat and checks electronics and horn.	<b>Fixing:</b>	Screw fixings supplied
<b>Supply Voltage:</b>	9V battery	<b>Plastic material:</b>	UL94HB flame retardant
		<b>Dimensions:</b>	140x120x52 mm
		<b>Weight:</b>	182 g
		<b>Warranty:</b>	5 year (limited) warranty
		<b>Approvals:</b>	Kitemarked to BS5446-1:2000, CE Approved

Specifications are subject to change

### Installation & Placement



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

Please consult the Instruction Leaflet supplied with the Ei103C for detailed instructions as to how to correctly install and position the smoke/heat 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. (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..



Shannon Free Zone, Shannon, Co. Clare, Ireland.  
Ph.+353 61 471277 Fx.+353 61 471053  
Email. [eielectronics@eilttd.ie](mailto:eielectronics@eilttd.ie)  
Web: [www.eielectronics.com](http://www.eielectronics.com)