Ei650i - Intelligent Optical Smoke Alarm

Stand Alone
10 Year Lithium battery

Key Features

- High performance optical sensor
- Powered for life lithium battery
- Automatic dust compensation
- AudioLINK data download
- Easy install twist-on base
- Large easy to use Test/Hush Button
- Progressive increase of Alarm sound in Test mode
- Built in sounder - 85dB(A) at 3 metres
- Specific Fault Led
- 5 Year guarantee

Product Description

The Ei650i optical Smoke Alarm is fitted with a proprietary photoelectric sensor to quickly sense low energy smoke particles. This optical Alarm is sensitive to all domestic fire types but is especially sensitive to smoldering fires.

The Ei650 range features a high performance optical chamber protected by a sealed mesh screen to reduce insect and dust contamination and EMC protection to reduce false alarms. In addition the Ei650i has an automatic **dust compensation** feature reducing further the risk of false alarms caused by dust build up.

The AudioLINK feature facilitates acoustic download of the Alarm parameters and status using the Ei Electronics AudioLINK app.

The Ei650i is fitted with a large easy to use Test Button to facilitate frequent testing of the Alarm. For better hearing comfort for professionals who regularly test these products and the occupant, the sound level of the alarm increases progressively in Test mode. The Test button can also be used to silence nuisance alarms (e.g. cooking fumes) for a 10 minute period and fault beeps for 12 hours (low battery and sensor fault).
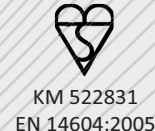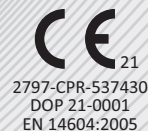
The Ei650i self-checks its chamber sensor, battery voltage and internal circuitry every 40 seconds. Any fault condition found will be indicated by a combination of Yellow LED flashes and sound beeps.

The Alarm has a twist on mounting base which has multiple fixing points so it can be easily installed. The alarm is not powered until it is twisted onto the mounting base, thus avoiding battery power consumption during storage and prior to installation.

AudioLINK+®

Technical Specification

Sensor Type:	Photoelectric
Product life:	10 years
Supply Voltage:	3V Lithium Battery (non replaceable)
Sound Level:	85 dB(A) at 3m (except in Test mode)
Test/Hush button:	Checks sensor, battery, electronics and horn. If unit is in alarm when pressed, it silences the alarm for 10 minutes. Pressing the button will also silence fault chirps for 12 hours
Data download:	Via the AudioLINK app
Visual Indicators:	**Red LED:** on power up, alarm, hush mode and memory
	Yellow LED: on power up and fault
Memory Feature:	Records last alarm event
Insect screen:	Fine Mesh
Fixings:	Screw fixings and mounting plate supplied
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:	UL94HB
Dimensions:	Product - 115mm x 50mm
	Package - 150mm x 120mm x 56mm
Weight:	185g (pack +50g)
Warranty:	5 year (limited) warranty
Approvals:	

CE 21
2797-CPR-537430
DOP 21-0001
EN 14604:2005

KM 522831
EN 14604:2005

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.

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E & OE As our policy is one of continuous product development, we reserve the right to alter product details without prior notice.