Multi-Sensor Fire Alarm – Ei2110e

- Mains powered with back-up 10 year rechargeable lithium cells
- Contains both an optical and heat sensor for a total fire response
- Dust compensation – unique self-monitoring mechanism
- Is fully compatible with existing Aico systems
- Up to 12 Alarms and Devices can be interconnected
- Is simple to specify
- Provides intelligent fire detection
- Has an increased resistance to false alarms
- Is easier to install
- Is compatible with RadioLINK+ interconnection and monitoring technology
- Is capable of alarm data extraction using AudioLINK or whole system data extraction with RadioLINK+
- Has a clean, modern design
- 10 Year life

FIT IN:

Hallway   Landing   Living Room   Bedroom   Dining Room

CONTAINS:

AudioLINK™

FOR WIRELESS INTERCONNECTION:

ADD Ei100MRF RadioLINK+ **Module**

PRODUCT DESCRIPTION

The Ei2110e is a Multi-Sensor Fire Alarm that contains two separate sensing elements – optical and heat. Using intelligent software to monitor two different byproducts of fire, its response to all fire types (TF1 to TF7) is vastly improved over traditional single sensor alarms. The new sensor chamber design intelligent software and the unique dust compensation algorithm also combine to reduce the frequency of nuisance alarms.

The Ei2110e runs on 230V AC mains power. In the event of mains failure, the 10 Year+ built in tamper-proof rechargeable lithium cells will provide back-up supply and continuous operation.

The AudioLINK feature facilitates acoustic download of the Alarm parameters and status by using an App on your smartphone or tablet.

The Ei2110e also has hardwired and wireless (through the Ei100MRF) Remote Control capability, enabling it to be interconnected to and communicate with compatible Alarms and Devices. Up to 12 Alarms and Devices can be interconnected, which will cause all Alarms to sound when one unit senses fire. An interconnected system will enhance early detection and warning of fire.

The Ei2110e self-checks its sensors, battery voltage and internal circuitry every 40 seconds. Any fault condition found will be indicated by a combination of Red/ Amber LED flashes and/or audible beeps. The Ei2110e is designed with advanced diagnostics to help pre-warn of incumbent fault conditions.

The memory feature allows an Alarm that has previously activated to be easily identified.

TECHNICAL SPECIFICATION

Sensor Type:	Optical & Heat
Supply Voltage:	230V AC, 50Hz
Battery back-up:	Rechargeable lithium cells
Sound Level:	85 dB(A) at 3 meters
Temperature:	Operating - 0°C to 40°C
	Storage - 0°C to 35°C (in a dry area)
Humidity Range:	0% to 90% Relative Humidity
Button Test:	Simulates high temperature to check optical chamber, thermistor, electronics and horn
Indicator LED's:	**Green** - power
	Red - alarm or battery event
	Amber - fault event
Memory:	Red LED will flash twice every 40 seconds indicating recent Alarm event
Diagnostics:	Pre-warn of incumbent fault conditions
AudioLINK:	Enabled
Insect Screen:	Prevents insects or debris entering chamber (1.00mm mesh size)
Plastic material:	UL94VO flame retardant
Dimensions:	Product - 152mm x 50mm
	Package - 155mm x 155mm x 70mm
Weight:	346g (Boxed 412g)
Warranty:	5 year (limited) warranty
Approvals:	CE Kitemarked to BS EN14604:2005 BS 5446-2:2003

Specifications are subject to change

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bsi. ISO 9001 Quality Management | ISO 14001 Environmental Management | OHSAS 18001 Occupational Health & Safety Management

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Company Registration No. 2544399
WEEE Registration No. WEE/AE0109WY
Battery Producer Registration No. 2544399w