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

**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 (100mm 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:**
- Kitemarked to BS EN14604:2005
- Kitemarked to BS 5446-2:2003

**Specifications are subject to change**

**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.

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