Carbon Monoxide Alarm

MAINS POWERED 230V~

RadioLINK® Interconnect & Remote Control Capability

Model Ei262 CO Alarm

- **RF interconnect to RadioLINK smoke, heat & CO alarms**
- **RF Remote Control Capabilities**
- **Proven electrochemical sensor**
- **Tamper-proof rechargeable Lithium battery back-up**
- **Unique easy to replace sensor module**
- **Memory feature records if CO has been detected**
- **Easy to use Test/Hush button**
- **Easi-fit base**
- **Pre alarm led flashes at 50ppm CO**
- **Loud distinctive alarm (85 dB(A) at 3 metres)**
- **Power, alarm and fault indicator lights**
- **Kitemarked to BSEN 50291:2001**
- **5 Year guarantee (limited)**

Product Description

The Ei262 is a Carbon Monoxide (CO) alarm powered by 230V AC mains. The backup rechargeable Lithium cells are designed to have a ten-year life and outlast the life of the CO alarm. They will provide up to 4 weeks of CO alarm operation without mains power.

The Ei262 uses a high performance electrochemical sensor to sense CO presence. The sensor can be replaced after 5 years to provide a combined 10 year protection against CO gas.

The Ei262 RadioLINK® interconnectivity enables wireless transmission of a CO alarm condition to all other wireless CO, smoke and heat alarms in the system.

The Ei262 also has RadioLINK® **R**emote **C**ontrol capability - allowing the alarm to be controlled remotely from a Control Switch (Ei411). This allows remote Test, Locate and Hush functions to be performed on all wireless enabled alarms in the system. A Manual Call Point (Ei407) is also available.

The Ei262 is supplied with an Easi-Fit base that allows very quick and simple installation of the alarm, combined with simple removal and replacement. The Easi-Fit base automatically connects both mains power and battery as the alarm slides on to the base.

Operation

- When in alarm, the Ei262 will send an alarm signal to all other RadioLINK enabled smoke, heat and CO alarms with the same house code. (only the triggered alarm will flash a red indicator)

- The green indicator will illuminate to show mains power is present

- The horn will sound and the red indicator will flash at different speeds to indicate the presence of various levels of CO gas – see CO Alarm Response Table.

- The horn will beep and the amber indicator will flash every 40 seconds to indicate a fault on the sensor

- The horn will beep every 40 seconds to indicate a the battery back up is depleted and needs recharging

- The "Test/Hush" button will either silence false alarms (if briefly pressed) or perform a unit self test (if pressed and held). Note that the alarm cannot be silenced when sensing a CO level of 300ppm or above

- Memory Feature – after the unit has been in alarm, the red indicator will flash every 40 seconds at a rate indicating the CO level previously detected. Pressing the "Test/Hush" button will also cause the red indicator to flash at a rate specific to the previously sensed CO level.

Ei Electronics®
fire + gas detection

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Technical Specification

Sensor	Electrochemical sensor	**Power-On Indicator:**	Continuous green LED
Sensitivity:	Meets BS EN 50291:2001	**Alarm:**	Electronic Piezoelectric horn
Button Test:	Checks the electronics and horn	**Alarm Sound Output:**	85dB (A) (minimum) at 3m
Fast CO Test Mode:	Alarm sounds and red indicator flashes as soon as CO is detected overriding the normal detection mode response times	**Alarm Status:**	Red LED flashes and horn sounds
Memory Feature	Previously sensed CO level indicator	**Normal Operating Temperature Range:**	-10° to +40°C
Automatic Self-Test:	Horn beeps and amber fault light flashes every 40 seconds if a sensor fault is found	**Humidity Range:**	15% to 95% Relative Humidity
Supply Voltage:	230V AC, 50 Hz	**Interconnect:**	Up to 12 RadioLINK enabled EI262, Ei161RC/164RC/166RC CO, smoke or heat alarms. A Remote Control Ei411H switch should be used with in a mixed CO, Smoke and Heat alarm system. Use Ei420 relay base to RadioLINK enable Ei261ENRC/261DENRC CO alarms
Battery back up:	Rechargeable Lithium cells		
Dimensions:	126 x 150 x 42 mm		
Weight:	320g		Hardwire Interconnect is also supported.
		Optional Controls:	Ei411 Remote Control Switch / Ei407 Manual Call Point
		Fixing:	Easi-Fit mounting base
		Guarantee:	5 year (limited)
		Approvals:	Kitemarked to BS EN 50291:2001 and CE certified

CO Alarm Response - Table

CO Level (ppm)	RED Alarm Light	Horn Sounds within
0	Off	Off
50	1 flash / 2 Seconds	60 – 90 Minutes
100	2 flashes / 1 Second	10 – 40 Minutes
300	4 flashes / 1 Second	3 Minutes

RadioLINK® PROFESSIONAL Carbon Monoxide (CO), Smoke & Heat Alarm System

- Smoke Alarm (RF)
- Heat Alarm (RF)
- Ei262 Carbon Monoxide Alarm
- Ei411H Control Switch
- Ei407 Manual Call Point
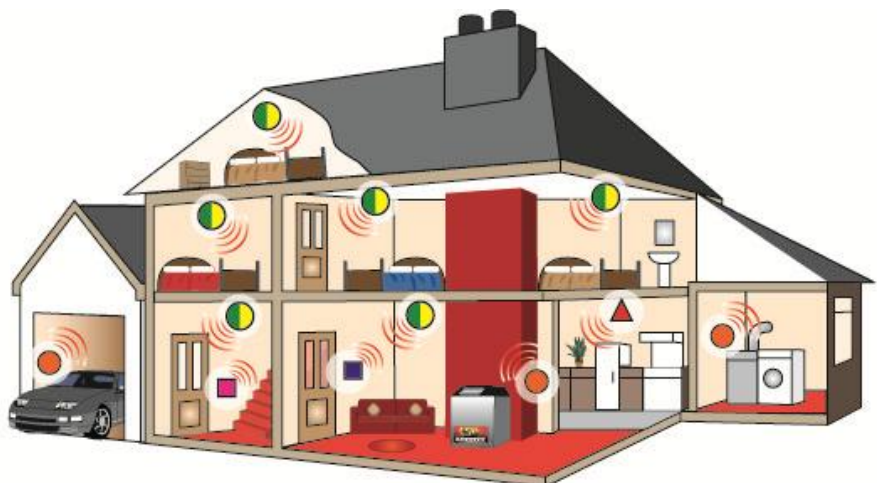
The selection and location of alarm types should be in accordance with the relevant regulations and standards.