Manual Call Point

10 YEAR BATTERY POWERED

 Wireless Communication

Model Ei407

- Allows remote triggering of alarm system
- Designed for use with RadioLINK range of alarms
- Wireless communication
- Unique 'House Coding' feature
- Visual RadioLINK transmission indicator
- Advanced suppression and test technology
- Radio transmitter in each unit
- Lithium battery supply designed to last 10 years
- RF performance to EN300220-3
- EMC performance to EMC 301489-3
- 5 year guarantee

Product Description

The Ei407 Manual Call Point is an emergency device that when activated transmits a RadioLINK alarm signal. This alarm signal will cause all RadioLINK alarms in the system to sound and thereby warn occupants of the immediate danger.

The Manual Call Point is powered by tamper-proof Lithium cells designed to last at least 10 years (the life of the product)

The Manual Call Point uses advanced radio transmitter technology with unique 'House Code' feature to ensure robust signal transmission

Operation

- The indicator will flash green every 40 seconds to indicate that the batteries are healthy

- In House Code mode, the indicator will flash red to indicate that the device is transmitting its House Code signal

- When activated (black spot pressed) the indicator will flash red every 20 seconds for 15 minutes to indicate that it is sending out an alarm signal. It will automatically stop at the end of the 15 minute period.

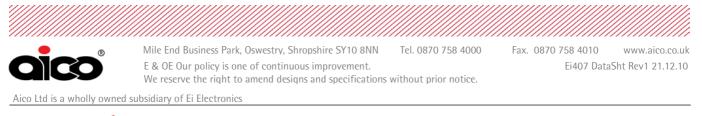- The indicator will flash amber every 9 seconds to indicate that the batteries are depleted

Mile End Business Park, Oswestry, Shropshire SY10 8NN   Tel. 0870 758 4000   Fax. 0870 758 4010   www.aico.co.uk
E & OE Our policy is one of continuous improvement.   Ei407 DataSht Rev1 21.12.10
We reserve the right to amend designs and specifications without prior notice.

Technical Specification

1. For use with Ei Professional Mains Easi–Fit alarms models Ei141, Ei144, Ei146, Ei161RC, Ei164RC, Ei166RC when mounted on Ei168RC RadioLINK bases, or RadioLINK Smoke Alarms models Ei405, Ei405TY.

2. Eliminates the need for any cabling between the Ei407 and the smoke/heat alarms & bases in the system.

3. Features built-in tamper proof FDK Lithium cells, capable of lasting at least 10 years under normal usage. Operating the yellow on/off switch sited on the back of the unit activates the cells. The LED on the front cover will flash red, amber, green on power up; after this it will flash green every 40 seconds to indicate a healthy power supply. If the LED flashes amber every 40 seconds, this indicates a depleted battery and the complete unit must be replaced.

4. The product is CE marked to indicate conformance to BS EN 60065:1998 (Electrical Safety), EN300220-1 V1.3.1 (2000-09) (RF Performance), EN301489 V1.4.1 (2002-08) (EMC) and has been 3rd party tested for electrical safety in accordance with Annex K of BS 5446: Pt.1: 2000.

5. Radio frequency: 868MHz in accordance with R&TTE Directive 1999/5/EC – this band has been designated for use with security products and only allows a 1% duty cycle, so continuous transmission and interference from external sources is extremely remote, and would be illegal.

6. Up to 12 RadioLINK units can be used in one system. For larger systems contact our Technical Service Department for guidance. Also see section 7.

7. Range: the type of building will be the major limiting factor e.g. the number and type of walls/ceilings that the radio signal has to pass through.

8. Low battery warning signal – LED indicator flashes Amber every 40 seconds to indicate depleted battery. If this occurs the complete unit should be replaced.

9. Simple key to reset the unit (no broken glass).

10. Replacement Key (MCRSK) available.

11. Ambient Temperature Range: 4°C to 40°C. Humidity Range: 0 to 90 % relative humidity.

12. External alarm RadioLINK signal: operates sounder on any smoke alarm (with a RadioLINK base) in the system.

13. Units are in factory code when received (they will all communicate with each other). They must be 'House Coded' to eliminate the risk of adjacent properties communicating with each other. After house coding they will only communicate with other units coded at the same time.

14. House code: operate the red 'House Code' switch on the back of the unit. At the same time put all other RadioLINK units in the system into 'House Code' – see relevant instruction leaflets. The red LED on the front cover will flash rapidly to indicate that it is in 'House Code'. Each RF base will 'learn' the serial numbers of all units in the system (any other RadioLINK units). The number of flashes of the amber light on the RF base indicates the number of alarms in the system, e.g. 3 x bases and 1 x Ei407; each base should flash 4 times – ignore the flashes on the Ei407, these only indicate that the unit is in 'House Code'. All units will return to normal standby mode automatically after 15 minutes. Pressing the 'House Code' switch again will return them to normal standby immediately.

15. The Ei407 can be incorporated into a system consisting of any of the additional RadioLINK components: Ei411H Remote Test, Hush & Locate Switch, Ei410 Radio Remote Control and Ei428 Remote Relay Module. See separate specification sheets for further information on these.

16. Dimensions: 85mm x 85mm x 57mm deep including mounting box. Weight: 240g including packaging.

17. 5 year guarantee.

18. Manufactured Ireland.

aico ® Mile End Business Park, Oswestry, Shropshire SY10 8NN   Tel. 0870 758 4000   Fax. 0870 758 4010   www.aico.co.uk

E & OE Our policy is one of continuous improvement.   Ei407 DataSht Rev1 21.12.10

We reserve the right to amend designs and specifications without prior notice.

Aico Ltd is a wholly owned subsidiary of Ei Electronics

Ei Electronics fire + gas detection   **Europe's Leader in Residential Fire + Gas Detection**   Ei Electronics, Shannon, Ireland   Made in Ireland