Radio Frequency Accessory

TEN YEAR BATTERY POWERED 9V
RF Communication

Model Ei410 RF Remote Control

- **Designed for use with RadioLINK range of alarms**
- **RF wireless interconnect**
- **Unique house coding feature**
- **Visual RF transmission indicator**
- **Advanced suppression and calibration technology**
- **Radio transmitter in each unit**
- **Lithium battery supply**
- **RF performance to EN300220-3**
- **EMC performance to EMC 301489-3**
- **5 year guarantee**

Product Description

Similar to the Ei411H Remote Control, the Ei410 Remote Control is designed for use with the RadioLINK range of products. However, unlike the Ei411H, the Ei410 is a hand held remote control and not fixed to a wall. It increases the flexibility and user friendliness of the RadioLINK range of alarms by allowing the user to remotely "test", "locate" and "hush" the RF alarms in the system.

The "test" switch when activated will cause the Ei405/405TY alarms and the Ei160RC series alarms attached to an Ei168RC Base to undergo a full button test (as evident by the red flashing light on the alarm head).

The "hush" switch when activated will cause the above alarms to stop sounding

The "locate" switch will identify the alarm sensing fire and cause all other RF interconnected alarms to stop sounding.

The Ei410 Remote Control is powered by lithium cells which are designed to last the life of the product. It uses advanced radio transceiver technology with unique software coding to transmit the radio signals. The transmissions are frequency modulated (FM) and use Manchester coding to ensure robust signal integrity and avoid signal noise interference

Operation

- In code mode, the red indicator will flash to indicate that the device will transmit house code signals

- When activated (any switch pressed) the red light will come on to indicate RF transmission

- The end of life will be signaled by either the red light appearing dim or if the test switch fails to operate the alarms

- Pressing the "locate" button will also briefly activate the alarms that have previously sensed smoke – this memory feature is a useful diagnostic tool

Ei Electronics®

Model **Ei410 RF Remote Control**

Technical Specification

Sensor	None
Supply Voltage:	9V Lithium cell
RF Range[1]:	10 meters (min) free space
RF Visual Indicator:	Red light flashes on transmission of RF signal
RF Frequency:	868.499MHZ (1% duty cycle)
RF Power:	+5dBM
Dimensions:	85mm x 37mm x 12mm
Weight:	32g

Low Battery Indicator:	Red light dims and alarms fail to respond to test signal
Temperature Range:	0^0 to 40^0 C
Humidity Range:	15% to 95% Relative Humidity
Interconnect:	Up to 12 RadioLINK products
Warranty:	5 year (limited) warranty
Approvals:	RF performance to EN300220-3 EMC performance to EMC 301489-3

Specifications are subject to change

1. Any obstructions of any sort will result in a reduction in range from the free space specification. As such, the actual range will vary depending on installation.

Installation & Placement

The hand-held Ei410 Remote Control just needs to be located in a known and useful location so that it can be used regularly to test the alarm system.

The Ei410 Remote Control should be house coded to prevent possible interference from neighbouring installations – see instructions for more details.

House Code Procedure
1. Fit battery.
2. Hold the three buttons simultaneously until the red light turns on and release. Similarly, place other RadioLINK products into house code mode
3. Check that the number of flashes from the units corresponds to the number of bases/alarms in your system. Note: The red flashes on the EI410 do not correspond to the number of devices in the system.
4. Remove all devices from house code
5. Check the remote control and button test each alarm to check your system