

REMOTE CONTROL SWITCH

Wireless Communication

Remote Test, Silence and Locate

Model Ei411H

- Designed for use with the *RadioLINK* enabled alarms
- Remote Testing of Alarm System
- Remote Hushing of Nuisance Alarms
- Remote Locating of alarm source
- Red Light indicates that system is in alarm
- Unique House-Coding feature
- Visual RF transmission indicator
- Built-in Lithium battery - designed to last 10 years
- RF performance to EN300220-3
- EMC performance to EMC 301489-3
- 5 year guarantee



Product Description

The Ei411H Remote Control is designed for use with *RadioLINK* enabled smoke, heat and fire alarms.

It increases the flexibility and user friendliness of the alarms by allowing the user to remotely “Locate”, “Hush” and “Test” the alarms in the system.

- **Locate** the source of alarm
- **Hush** any nuisance alarms
- **Test** alarm system
- **Alarm Memory** identifies units that have previously alarmed (useful for troubleshooting)

The Ei411H Remote Control is powered by tamper-proof Lithium cells designed to last the life of the product.

The Ei411H Remote Control uses advanced radio transmitter technology with unique software coding to transmit the radio signals, ensuring robust signal integrity.

Operation

- When an alarm in the system is activated the red light will flash twice per second to indicate a fire.
- In House-Code mode, the amber indicator flashes to indicate the unit is transmitting its House Code signal
- When the alarm system is sounding, the “Locate” switch will audibly identify the alarm that has triggered the system by causing all other alarms to stop sounding for approximately 10 minutes
- Pressing the “Hush” switch will silence any nuisance alarms in the system for approximately 10 minutes
- Pressing the “Test” switch will cause all the alarms in the system to sound and is the equivalent of pressing the test buttons on all alarms simultaneously
- Alarm memory – When an alarm is activated it will be recorded in it’s memory. Pressing the “Locate” switch will cause the Fire Light to flash if a recorded alarm state is detected.
- Pressing the “Locate” & “Hush” button simultaneously for 5 seconds will erase the memory.

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Technical Specification

Control Switches:	Locate, Test & Hush	Low Battery Indicator:	Amber light flashes every 40 seconds.
Power Supply:	10 Year Lithium Cells	Temperature Range:	0° to 40° C
RF Range¹:	150 metres in free space	Humidity Range:	15% to 95% Relative Humidity
RF Visual Indicator:	Amber light flashes while transmitting an RF signal	Interconnect:	Up to 12 <i>RadioLINK</i> products
	Red Led Flashes to indicate a Fire alarm	Guarantee:	5 year (limited)
RF Frequency:	868MHz band (1% duty cycle)	Approvals:	RF performance to EN300220-3 EMC performance to EMC 301489-3 CE certified
RF Power:	+5dBm		
Dimensions:	88mm x 88mm x 42mm		
Weight:	212g		

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

Unlike a smoke alarm, the Ei411H Remote Control switch does not need to sense smoke and so is not restricted in its location on the ceiling/wall. Instead, it is desirable to place the Ei411H Remote Control in a location where it will be used to test and control the RadioLINK devices, possible in a communal area or on the exit routes.

When a suitable location has been selected, mark the screw holes. Drill with a suitable drill bit, insert the screw plugs, and screw the base into position. Then switch on the device and screw the switch cover onto the base with the screws provided.

The Ei411H Remote Control should be house coded with the other RadioLINK devices to prevent possible interference from neighbouring installations – see instructions for more details.

House Code Procedure

1. Slide switch on to connect the batteries.
2. Hold the house code switch until the amber light turns on and then release
3. Similarly, place other RadioLINK products into house code mode
4. Check that the number of flashes from the units corresponds to the number of bases/alarms in your system.
5. Remove all devices from house code
6. Button test each alarm to check your system