espire®

Quick Start Guide

General Information

Read the instructions before commencing installation. The user is to retain the instructions for future reference.

- Espire Alarms have been designed and developed for fixed residential installation and use.
- After installation the Alarm is to be tested weekly: Press and hold the Test/ Hush button for at least 10 seconds to ensure the Alarm sounds and all interconnected Alarms activate.

Product Description

- ES1SL Optical Smoke Alarm Powered by a Sealed 10 Year Lithium Battery
- ES1HL Heat Alarm Powered by a Sealed 10 Year Lithium Battery
- ES1MUL Optical Smoke and Heat Multi-Sensor Alarm Powered by a Sealed 10 Year Lithium Battery
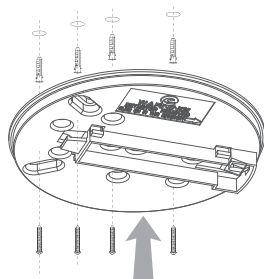
The Alarm head must be fitted onto the supplied Lock-In Base.
The RF-Link (ES1RF2) module is supplied with the Alarm or available separately.
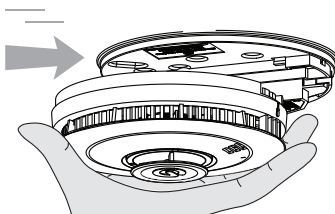The Alarm battery is sealed and non-replaceable.

Red Alarm LED

Amber Fault LED

Test/Hush Button

Sounder
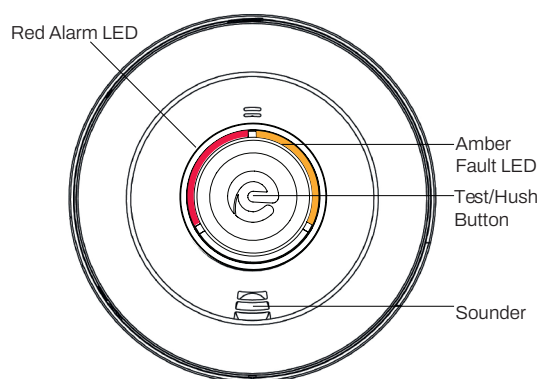
Alarm Installation

Step 1.

Using the base, mark the desired mounting holes, drill and re-align the base, screwing into place. Multiple mounting holes are available for retro fit installations.
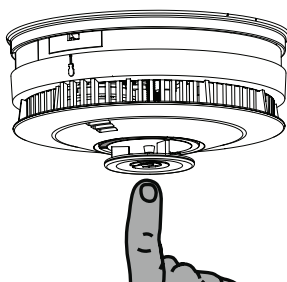
Step 2.

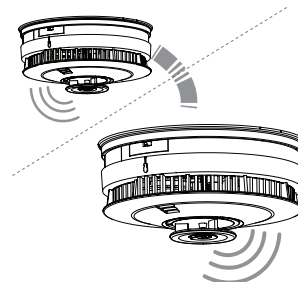Carefully line up the Alarm to the base and slide on until secured and a 'click' is heard.

Alarm Testing

Test the Alarm after installation, and weekly thereafter.

Step 1.

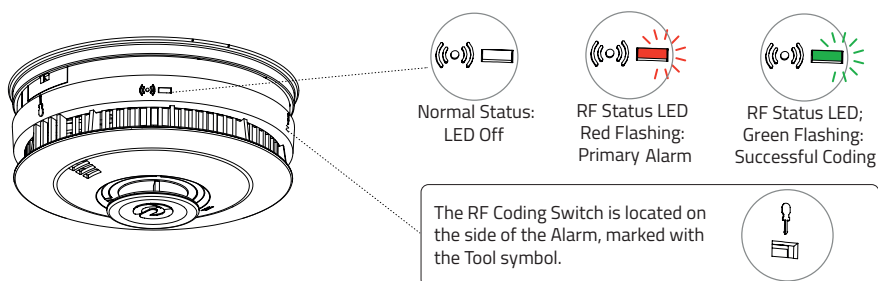Press and hold the Test/Hush button for a minimum of 10 seconds.

Step 2.

The Alarm will sound and the Red LED will flash.

RF-Link Introduction

Up to 28 Alarms can be interconnected wirelessly via the RF-Link function .Ensure the Alarms have been fitted with the RF-Link module. Prior to RF Coding, ensure that all system Alarms function independently.

Normal Status: LED Off

RF Status LED Red Flashing: Primary Alarm

RF Status LED; Green Flashing: Successful Coding

The RF Coding Switch is located on the side of the Alarm, marked with the Tool symbol.

RF-Link Coding

• As default the RF -Link modules are universally coded together. It is important to carry out the Alarm RF coding procedure to ensure the system operates independently from other nearby Espire Alarm systems.

• The first Alarm that enters RF Coding Mode will be assigned as the 'PRIMARY', all other Alarms will be assigned as a 'SECONDARY'. It is important to mark the PRIMARY Alarm with the label provided for future servicing of the system.

Alarm RF Coding
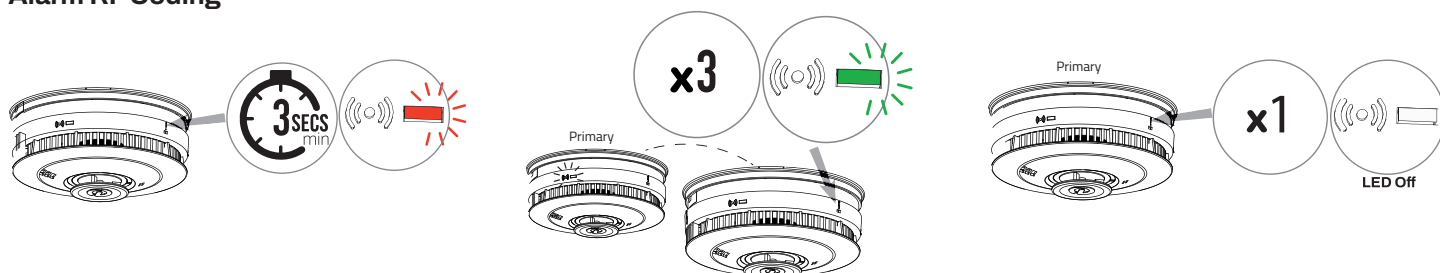
Step 1.

Using the supplied pairing tool press and hold the RF Coding Switch on one of the system's Alarms for a minimum of 3 seconds and release when the RF Status LED flashes Red.

Step 2.

While the PRIMARY Alarm is in coding mode, at the next Alarm press the RF Coding Switch 3 times and the RF Status LED will turn Green to confirm successful coding. Repeat the process on the remaining Alarms.
Note: RF Coding Mode will be active for 30 minutes before auto time out.

Step 3.

Once all the Alarms have been coded to the PRIMARY Alarm, return to the PRIMARY Alarm and single press the RF Coding Switch and the RF Status LED will stop flashing. RF Coding Mode has now ended.
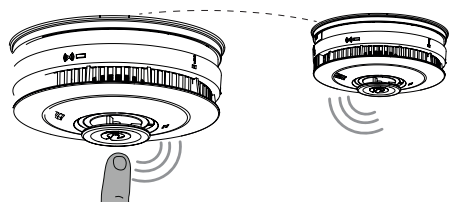
Step 4.

After coding is completed, test each individual Alarm and check that all interconnected Alarms sound.
Note: There may be up to a 10 second delay for the coded Alarms to respond after pressing the Test/Hush button.

Delete an RF-Link Coded Alarm

Press and hold the RF Coding Switch for 3 seconds and release when the RF Coding Status LED flashes Red.

Single press the RF Coding Switch to confirm deletion, the RF Status LED will stop flashing.

Red Flash

LED Off
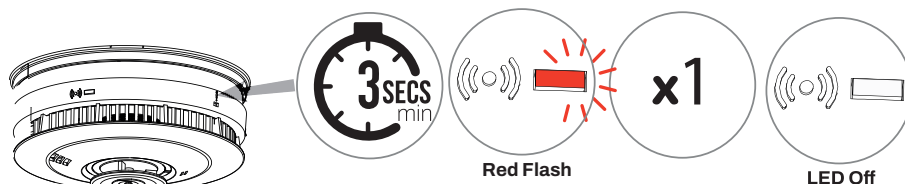
Important: If the PRIMARY Alarm is deleted , the system will require re-coding.

Alternative RF-Link System Setup

- Hybrid System; Systems that incorporate hardwired and RF-Link Alarms, consult the RF-Link module manual (ES1RF2) for limitations and further guidance.
- Remote Control System; Systems that incorporate the Espire Remote Control, consult the Remote Control manual (ES1REM), for limitations and further guidance.

## Alarm Maintenance and Cleaning

To avoid false alarms, clean the Alarm regularly to avoid debris build up from dust and insects . In dusty areas it may be necessary to clean the Alarm more frequently. Use a vacuum to remove dust build up and clean with a damp cloth, do not use cleaning products. Dry the Alarm thoroughly after cleaning.
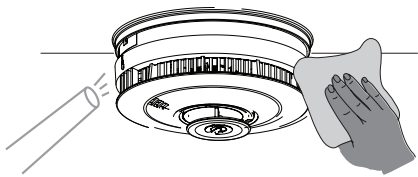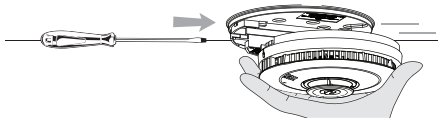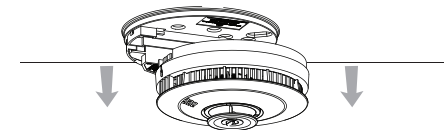

Alarm Removal
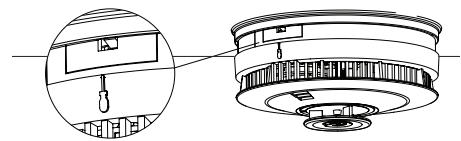
Step 1.

Locate the screwdriver symbol on the side of the Alarm.
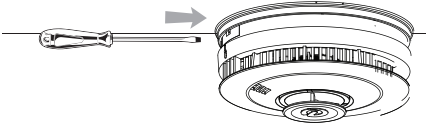
Step 2.

Insert a flathead screwdriver horizontally into the centre of the release lever.

Step 3.

With the screwdriver in place, push away the lower half of the Alarm from the screwdriver.

Step 4.

Hold the lower half of the Alarm and remove from the base.

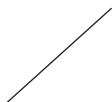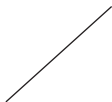 When disposing of the Alarm, the Alarm must be recycled in accordance to the Waste Electrical & Electronic Equipment (WEEE) regulations.

Alarm Status Indication

Normal Mode

Green LED	Amber LED	Red LED	Sounder	Description
				No indication LEDs will be visible unless there is a an Alarm activation or fault alert.

Alarm Activation

Green LED	Amber LED	Red LED	Sounder	Description
		🔴	🔊	When the Red LED flashes and the sounder is audible the Alarm has been activated. **Warning:** If there is any doubt about the cause of an Alarm activation assume it was caused by an actual fire and evacuate immediately.
			🔊	An interconnected Alarm has been activated.

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Memory Mode

Green LED	Amber LED	Red LED	Sounder	Description
		2 x 40 sec		(i) The Red LED flashes twice every 40 seconds to indicate the Alarm has stored an activation in the memory. (ii) Memory function assists identification of Alarms that have been activated. (iii) The memory will automatically clear after 24 hours of the activation or press and hold the 'Test/Hush' button until the Red LED flashes twice and the Alarm sounds twice.

Hush Mode

Green LED	Amber LED	Red LED	Sounder	Description
		1 x 8 sec		(i) During an Alarm activation if the 'Test/Hush' button is pressed the Alarm will enter Hush mode for 10 minutes before returning automatically to normal state. (ii) If the Red LED flashes every 8 seconds; the Alarm is in Hush mode and the sensor remains in activated state.

Contamination Mode (Smoke Sensor Only)

Green LED	Amber LED	Red LED	Sounder	Description
	4 x		4 x	(i) If the 'Test/Hush' button is pressed and the Amber LED flashes with the Alarm sounding four times; this indicates the Alarm's optical smoke chamber is contaminated. Dust is one of the main causes. (ii) Alarm cleaning and maintenance must be completed regularly.

Safety:

• Alarms should be installed by a competent person and sited according to relevant standards.
• The Alarm will not work if the sealed battery is depleted.
• The Alarm is for fixed installations only.
• Do not install the Alarm in building renovation sites until works are completed.

For additional product and installation instructions scan the applicable QR code

UK   ROI