Quick Start Guide

General Information

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

• All guidance in the following document should follow the recommendations of BS 5839-6

• Espire Alarm accessories have been designed and developed for fixed residential installation and use.

• The Alarm hardwired controller is required to be permanently wired to a 230V mains electrical supply by a qualified electrician in accordance with the local wiring regulations.

• Before commencing electrical work, ensure the supply of the system has been safely isolated with all appropriate steps taken, if you are unsure please consult a competent electrician.

• After installation the hardwired controller is to be tested weekly.

Product Description

ES1REMV Espire Hardwired Remote Controller

Espire wired interconnect remote controller
Standard UK 1-gang installation (surface box supplied)
3 clearly identifiable control modes; Test, Locate & Hush
Supports up to 28 Espire Interconnected devices
For use with Smoke, Heat or Multi Sensor Smoke & Heat Alarms

For additional product and installation instructions scan the applicable QR code

UK   ROI

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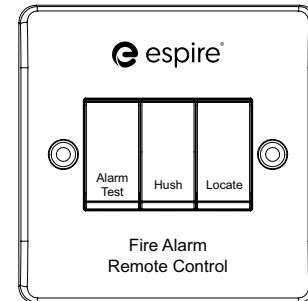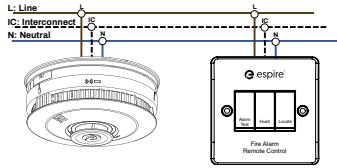
Siting

Select a location suitable for the controller to be installed. It is recommended that this location is easily accessible, and is mounted between 750 - 1200mm.
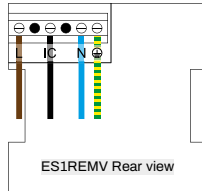The remote control can be surface and flush mounted.
If the ES1REMV is to be recessed ensure the backbox has a minimum of at least 47mm.

• Up to 4 ES1REMV Hardwired Remote Controllers can be used on a single system.

• It is recommended that they are equally spaced apart

Wiring

Standalone Relay Base with Cover

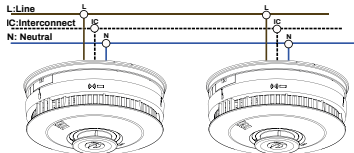ES1REMV Rear view

L: Line
IC: Interconnect
N: Neutral

1. Isolate the mains before commencing any electrical works.

2. Lead the wiring (Line, Neutral, Interconnect & Earth) to this point from the alarms that are to be controlled. A minimum of 1mm² cable should be used.

3. Install the surface mounting box or suitable flush mounting box into the wall if recessed mounting is required.

4. Connect the wires to the correct terminals L: Line (Brown), N: Neutral (Blue), IC: Interconnect (Black/UK or White/ROI).
   The Remote Controller is not required to be Earthed, the Earth terminal has been provided for safe termination for any incoming earth wire.
   "WARNING: Do not over tighten, as this may cause damage to the product"
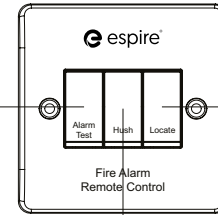
Interconnected Wiring Installation

• A maximum of 28 devices can be interconnected, this includes the ES1REMV.

• In the event of an Alarm activation all Alarms will sound. The Alarm that triggered the activation will display the Red LED

• Do not connect Espire Alarms to any other type of Alarm produced by another manufacturer.

• Using the incorrect wiring connections is likely to damage all the Alarms connected to the system.

• The interconnect wire should be a minimum 1mm². A maximum of 300 metres of wire can be used.

L:Line
IC:Interconnect
N: Neutral

Testing your alarm system

Alarm Test:
This will allow the user to trigger a function test on all interconnected Alarms

Locate:
When there is an active alarm, this will silence all alarms except for the alarm that triggered the activation.

Fire Alarm Remote Control

Hush:
Silences activated alarms for 10 minutes

It is recommended to test your system after installation, and weekly thereafter.
Press the Alarm Test toggle switch, and ensure that all connected alarms;

• Sounds

• Flashes the red LED

Once the above tests have been successfully confirmed on all interconnected alarms, press the 'Alarm Test' switch to turn test mode off.

If testing is unsuccessful check that all connections from the remote to the alarms are correct, and ensure the Green LED is illuminated on all alarms.

In the event of an Alarm activation

1. If there is any doubt about the cause of an alarm activation, then assume it was caused by an actual fire and evacuate immediately.

2. If it is safe to do so, press the 'Locate' switch to silence all alarms except for the alarm that has been activated.

3. The location of the activated alarm can now be clearly identified.

4. If it certain that there is no danger or risk, the 'Hush' switch can be pressed to hush the activated Alarm for 10 minutes.

Note: When the Locate switch is pressed, this will disconnect the Interconnect functions for 5 minutes.