

Installation Manual

General Information

- All guidance in the following document should follow the recommendations of BS 5839-6, BS EN 50292:2023, and BS 9991:2024
- Espire Alarm accessories have been designed and developed for fixed residential installation and use.
- The Sounder Strobe 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 Sounder Strobe is to be tested weekly.

Product Description

ES1CST Red Lens Sounder Strobe Powered by Mains Supply IP65 w/ Interconnect

ES11CST Transparent Lens Sounder Strobe Powered by Mains Supply IP65 w/ Interconnect

Switchable between Interconnect and Mains activations

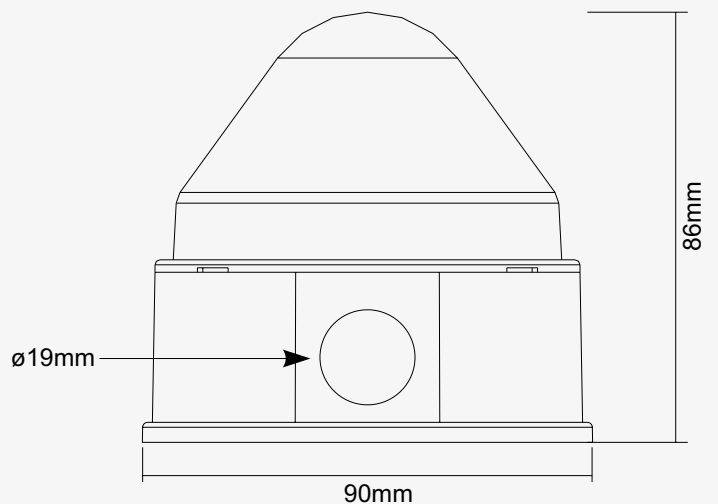
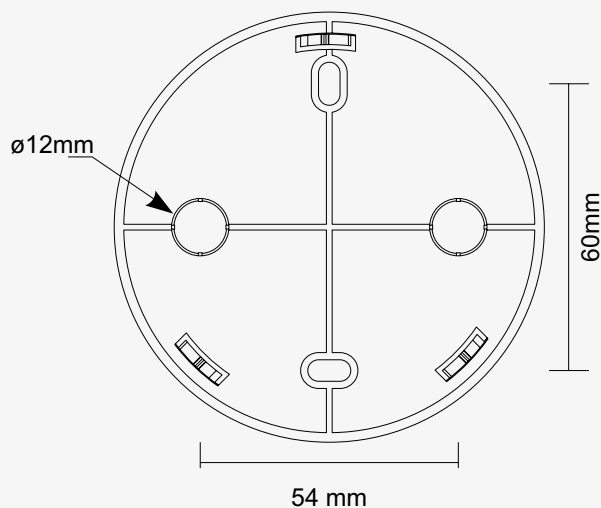
4 selectable sounder patterns

Selectable Strobe

Selectable Sounder

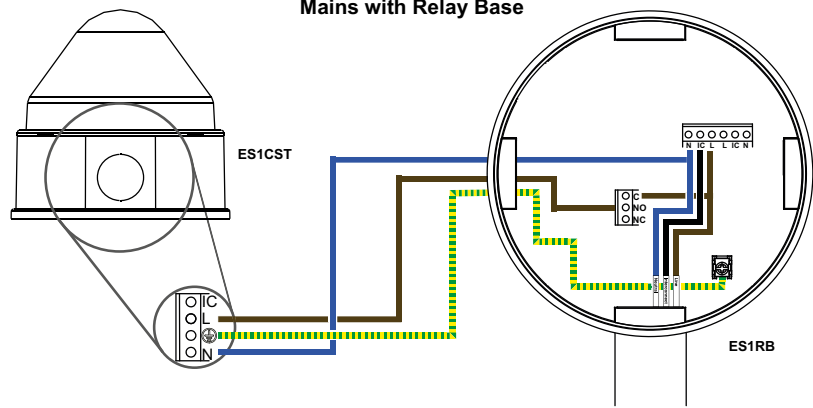
Up to 83dB

Ingress Protection IP65

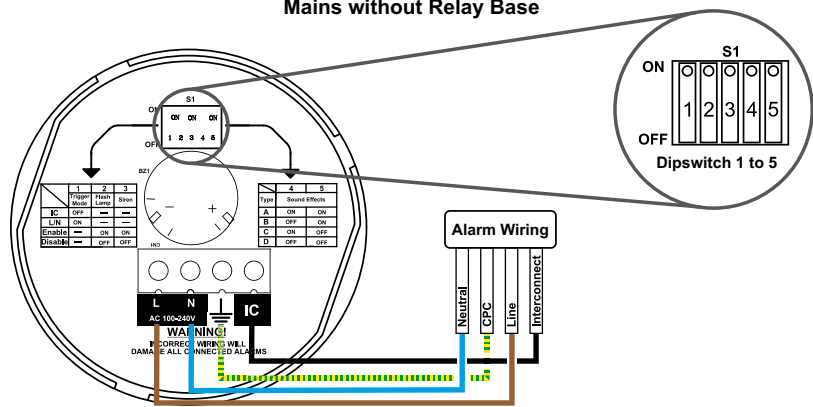


Wiring Connections and Configuration

Example Wiring diagram
Mains with Relay Base



Example Wiring Diagram
Mains without Relay Base



Left Table			
Dipswitch	1	2	3
Operation	Trigger Mode	Flash Lamp	Siren
IC	OFF		
L/N	ON		
Enable		ON	ON
Disable		OFF	OFF

Right Table				
Dipswitch	4	5	Frequency Range	Decibel (dB)
Type	Sound Effects			
A	ON	ON	552Hz to 615Hz	70
B	ON	OFF	562Hz to 1.3Khz	68
C	OFF	ON	714Hz to 1.1Khz	71.1
D	OFF	OFF	4.3KHz to 4.6KHz	83.5

Note: Device must be off if adjusting any dip switches.

Default trigger mode is set to IC

Mains activation mode

1. Isolate the mains before commencing any electrical works.
2. Set dip switch 1 to ON
3. Configure the remaining dip switches as required
4. Connect the incoming mains supply to the terminals on the PCB; L: Line (Brown), N: Neutral (Blue), ⊕ : CPC (Yellow/Green).
5. Once powered the Sounder Strobe will trigger according to the right hand table

Interconnect activation mode

1. Isolate the mains before commencing any electrical works.
2. Set Dip switch 1 to OFF
3. Configure remaining dip switches as required
4. Connect the incoming mains supply terminals on the PCB; L: Line (Brown), N: Neutral (Blue), IC (UK/Black) or (ROI/White), ⊕ : CPC (Yellow/Green).
5. Once powered the Sounder Strobe will require an activation signal via the IC to trigger.
6. When triggered the Sounder Strobe will trigger according to the right hand

Note: The ES1CST & ES11CST's Interconnect function is only compatible with ESP's range of Espire products.

For additional product and installation instructions scan the applicable QR code



ROI



UK



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



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