LightwaveRF
connect

Signal Booster

Operation Manual

Model No: JSJS LW800

It is important to install this product in accordance with the fitting instructions below. Failure to do so may render your guarantee void.

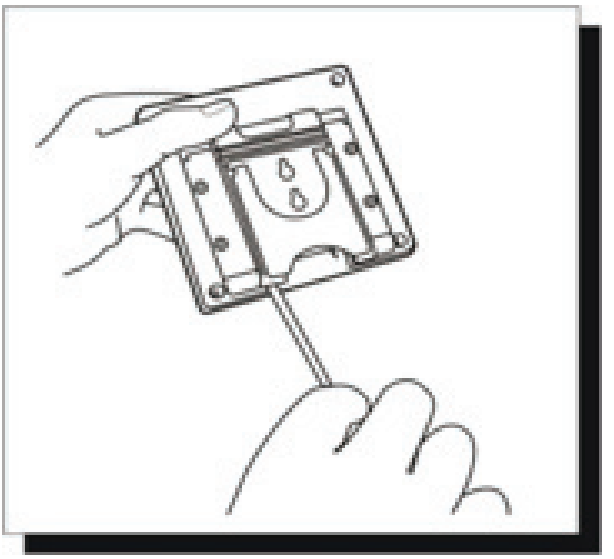
IMPORTANT: PLEASE RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE AND FOR GUIDANCE. FOR HELP AND SETUP GUIDANCE PLEASE VISIT. www.lightwaverf.com

OVERVIEW:

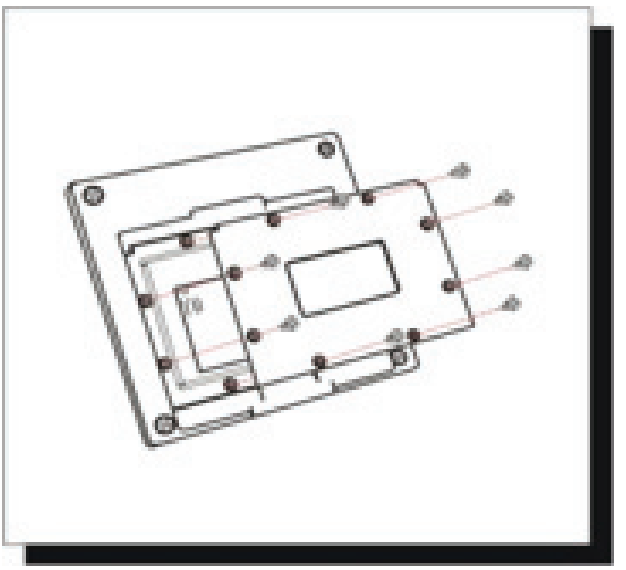
The LightwaveRF Connect Signal Booster extends the operating distance between transmitting and receiving LightwaveRF Connect devices.

FITTING & INSTALLATION:

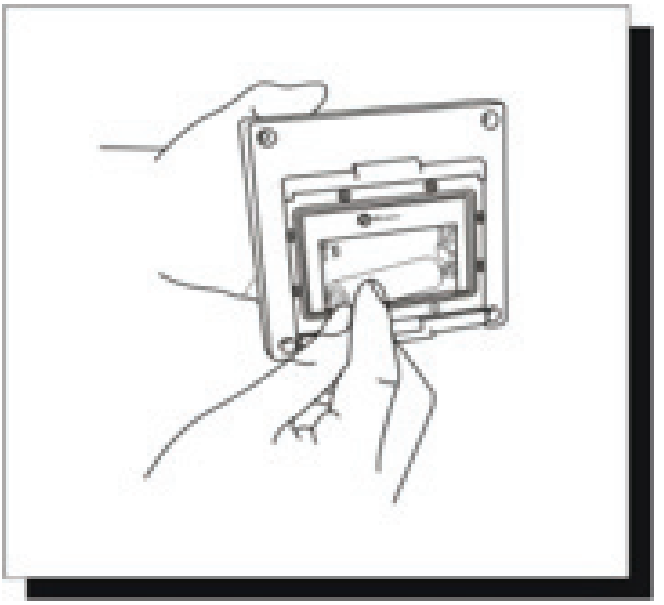
1. Use a small flat headed screwdriver to take off the hook.



2. Use the screwdriver to open the battery compartment door by removing the 8 screws.



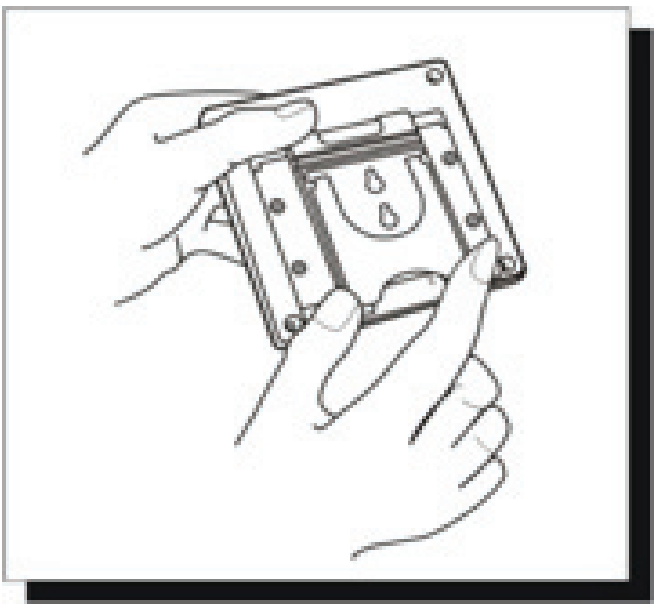
3. Install 2 AA 1.5V Alkaline batteries (not included); the LED light will come on for 1 sec. then go off, indicating that the device has entered STANDBY mode.



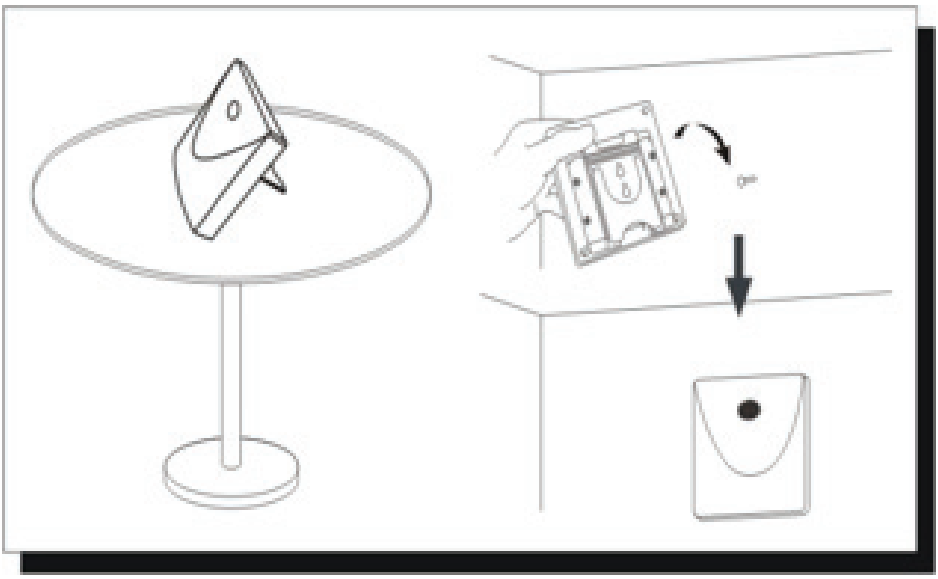
4. Pair the signal booster with the transmitter (please refer to the 'setup' section below).

5. Close the battery compartment door and replace the screws.

6. Replace the hook.



7. The signal booster can be wall mounted or stood on a flat surface.



SETUP

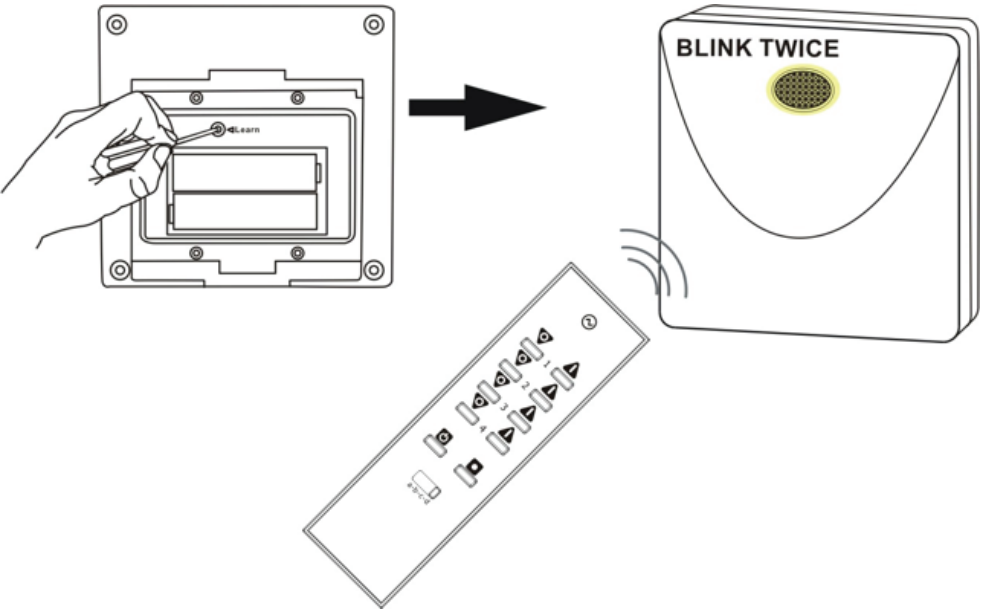
Pairing the Signal Booster

1. Press "LEARN" button (located inside the battery compartment); the LED will blink and enter learn mode.

2. Press the 'ON' button on the transmitter that is to be paired.

3. The LED in the Signal Booster will blink twice (slowly) to confirm the pairing.

4. The signal booster has six available memory spaces at any one time: repeat steps 2-4 to program the other remaining available memory spaces.



NOTE: Learning mode lasts for 12 seconds, if no signal is received from a remote handset during this time then the booster will automatically exit learning mode without pairing the device.

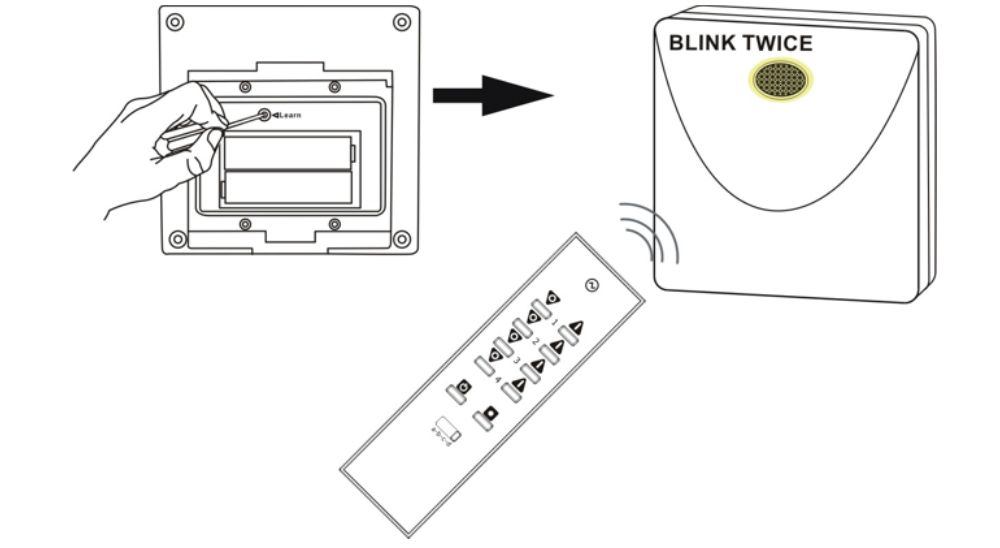
Un-Pairing the Signal Booster

Removing a single device:

1. Press "LEARN" button; the LED will blink.

2. Press the 'OFF' button on the transmitter that is to be un-paired

3. The LED on the Signal Booster will blink twice (slower) to confirm the device is un-paired.

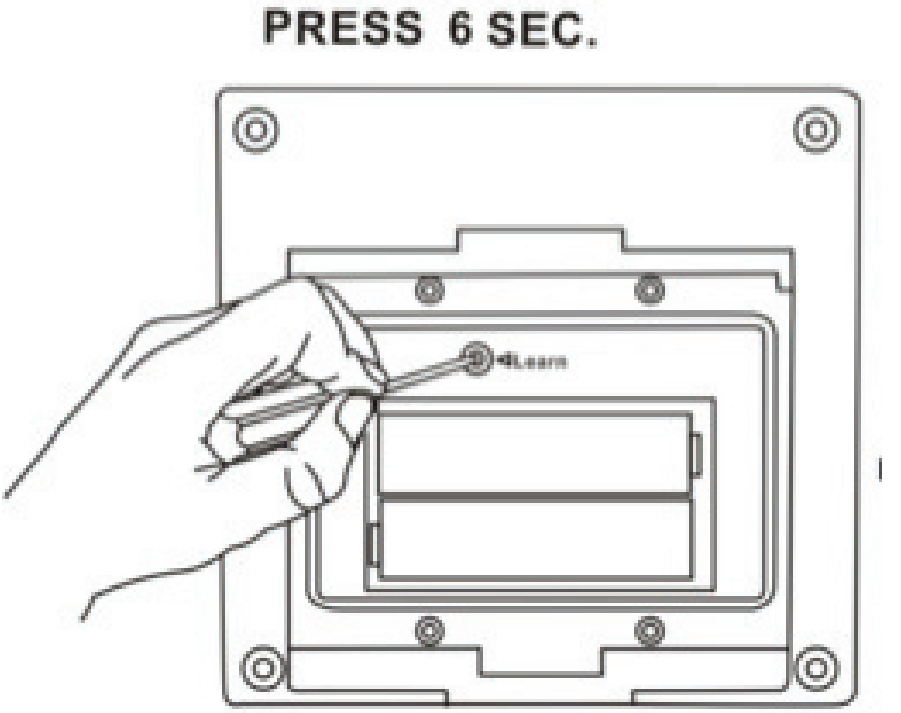


Removing all devices:

1. Press and hold the **'LEARN'** button until the LED blinks rapidly.

2. Release the **'LEARN'** button.

3. Press the **'LEARN'** button again; the LED will blink twice (slower) to confirm that all devices are un-paired.



NOTE: If the LED continuously blinks every 3 seconds it is an indication that the batteries are low; please replace the batteries to prevent unreliable operation.

BATTERY REPLACEMENT:

When battery voltage is low, the transmission strength is low. Remove the battery cover (as previously illustrated in installation instructions) and replace the batteries.

•Do not recharge
•Keep away from children
•Do not swallow (If swallowed, seek medical advice immediately)
•Please dispose of used batteries responsibly

SPECIFICATION

RF frequency: 433.92MHz
Battery operated: 2 x AA (1.5V) alkaline (not included)
IP 56

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LightwaveRF....
Lighting Compatibility Information

If you are going to use LightwaveRF equipment in your house, please read the information below to ensure you will get the most out of your hardware.

Loading

Our one and two gang dimmers can handle a maximum of 250W of load on *each gang* of the switch. The three and four gang switches have a maximum load of 210W on *each gang.* If you exceed this load, the switches may overheat and cease to work correctly.

Each gang requires a minimum load to function. This is generally 40w but can be lower with some lamps. This is generally the case with LEDs where a load of 14W can be enough to have the switch operating.

Bulbs

LightwaveRF switches can be used with standard incandescent bulbs, halogen bulbs (including low energy halogens) and dimmable LED bulbs (see below).

Fluorescent tube lighting, including CFL bulbs cannot be used with LightwaveRF equipment. This includes the LightwaveRF CFR bulb.

LEDs

As there is no standard set for LEDs at present, we cannot state that every dimmable LED will work with LightwaveRF equipment. Even if exceeding the minimum load, certain LEDs will not function on their own. In these situations wiring a dummy load* in parallel across the circuit will correct the issue.

The following LEDs have been tested and do work when at least 2 lamps are in a circuit:

- AuraLED AL-GU10 PRO 5W
- AuraLED AU-GU10 5x1W
- Auralux AU-5W LED Globe 5x1W
- IstoriaLED G9 DL Flood
- IstoriaLED G9 WW Flood
- TCP Dimmable Energy Saver LED 5W
- Truelux 230-5W-DIM
- Toshiba LDRC0627MU1EUD 6.5W 270lm LED

Please check **www.lightwaverf.com** for up-to-date information on compatibility.

LightwaveRF dimmer switches use trailing edge technology.

* *www.mr-resistor.co.uk/item.aspx?i=10031*