

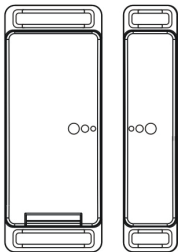
Magnetic Switch Operation Manual

Model No's: JSJS LW904

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

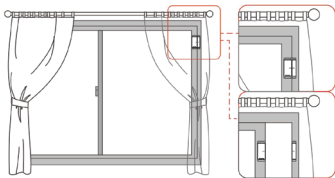
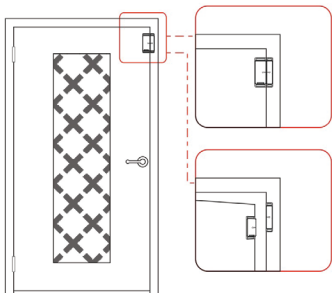
IMPORTANT: PLEASE RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE AND FOR GUIDANCE ON THE ASSOCIATION OF REMOTE HANDSETS. FOR HELP AND SETUP GUIDANCE PLEASE VISIT www.lightwaverf.com

OVERVIEW:



FRONT

The LightwaveRF Magnetic Switch can be attached to any door or window. The switch can be used to trigger any LightwaveRF device (e.g. dimmer, socket or LED) when it is activated by the opening of the door or window to which it is attached. It can also turn off those devices automatically when the door /window is closed or after a set delay period.



FITTING & INSTALLATION:

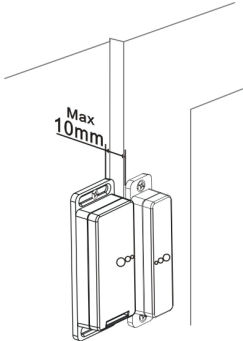
The device may only be operated indoors and must be protected from the effects of damp and dust, as well as solar or other methods of heat radiation. Using the device for any purpose other than what is described in this operating manual does not fall within the scope of intended use and shall invalidate any warranty or liability. This also applies to any conversion or modification work. This device is intended for domestic use only. The LightwaveRF Magnetic Switch consists of two fundamental elements: a magnet and an electronic unit. One of the elements must be mounted on the door/window frame, the other on the door/window. This ensures that, when the door or window is opened, the electronic unit registers that the magnet is no longer in the immediate vicinity and a radio signal is transmitted.

Installation location

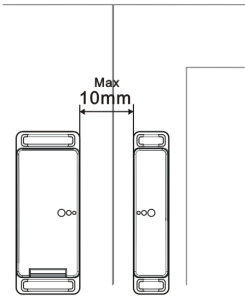
- Select the door/window that the Magnetic Switch is to be attached to.
- Attach one section to the door/window and one section to the frame.
- The two sections must be installed so that the three dots on each part meet when the door/window is closed.

Distances

- The Magnet and Electronic unit may not be any more than 10mm apart (Drawing A and B).
- The magnet and electronic unit must be attached next to one another so that they are level.
- The magnet and electronic unit must be positioned so that they are in alignment next to one another and the six dots align.



Drawing A



Drawing B

The magnet and electronic unit can be fastened in two ways:

ADHESIVE STRIP METHOD

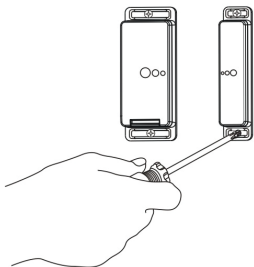
NOTE: This does not damage the door or window in any way as long as the adhesive strips supplied are used.

- Stick the strips on the rear sides of the brackets.
- Press the brackets onto the frame and window

SCREW METHOD

NOTE: Using screws will damage the frame and/or window. For those living in rented accommodation, this could lead to a landlord making a claim for compensation or holding back a tenant's deposit.

- If you are working with a hard surface, you should drill the holes using a 1.5mm drill.
- Use the countersunk head screws supplied to fasten the electronic unit.

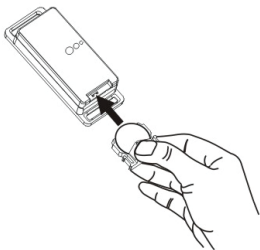


Inserting/Replacing Batteries

The Magnetic Switch is operated with a CR2032 Coin cell battery.

The batteries' life based upon typical usage should be a minimum of 2 years.

To replace the battery, locate and open the battery compartment on the electronic unit, and slide out the battery tray.



NOTE:

- Connect correctly and securely
- Do not recharge
- Keep away from children
- Do not swallow (If swallowed, seek medical advice immediately)
- Please dispose of used batteries responsibly.

SETUP:

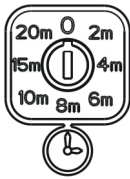
Pairing with a LightwaveRF Device

1. Switch the receiver (e.g. a dimmer) to pairing mode. For information on how to do this, please refer to the operating manual for the relevant device.
2. Once step one has been completed, the Magnetic Switch needs to transmit the code for pairing. To initiate this, separate the Electronic and Magnetic Units by opening or closing the door or window. If the Magnetic Switch has not yet been installed, you can simply separate the Magnetic and Electronic unit by hand. However, please note that the battery must already have been inserted in order to do this.
3. Once paired, each time the Electronic and Magnetic Units are parted, a signal is transmitted and paired dimmers, sockets or other LightwaveRF devices will be activated. When the units are repatriated, another signal will automatically be transmitted and any paired LightwaveRF devices will be turned off.
4. A Window Switch can be paired to any number of LightwaveRF devices: repeat the above process to pair with additional units.

Setting a Delay

After the Magnetic and Electronic units are parted and an 'on' signal transmitted, normally an 'off' command will only be transmitted once they are repatriated. However, it is also possible to set the Magnetic Switch to transmit the off command after a set delay period instead.

On the rear side of the electronic unit there is a small delay switch. It is possible to set a delay period from between 2 to 20 minutes from the moment the Magnetic Switch is tripped, until the 'off' command is sent to turn off paired devices.



Move the selector switch to point toward the desired delay period. Paired devices will not turn off until this time has elapsed, regardless of whether the door/window is closed after opening.

NOTE: If the RF range between the transmitter and receiver is too great to achieve reliable operation, the LightwaveRF SIGNAL BOOSTER may be used in conjunction with this product to increase the signal strength over greater distances.

SPECIFICATION:

Supply voltage:	3V
Batteries:	1x CR2032 battery
Transmission frequency:	433.92 MHz
Range (open field):	30m
Battery life:	Approx. 2 years



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