

IP56 Waterproof Housing

Model No. LW824

Instruction Manual



Connect Series

www.lightwaverf.house

EC DECLARATION OF CONFORMITY

Responsible Authority:

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Model Number(s):

JSJSLW824

Description:

IP56 Housing

Directives this equipment

Complies with:

2006/95/EC The Low Voltage Directive N/A
2004/108/EEC The Electromagnetic Compatibility Directive
1999/5/EC R&TTE Directive
93/68/EEC CE Marking Directive

Standards Applied in order to verify compliance

Safety: BS EN 60730-1: 2011

Health:

R&TTE: EN 301 489-1 V1.9.2: (2011-09), EN 301 489-3 V1.4.1: (2002-08)
EN 300 220-1 V2.1.1: 2006, EN 300 220-2 V2.1.2: 2007
EMC: EN 301 489-1 V1.9.2: (2011-09), EN 301 489-3 V1.4.1: (2002-08),
EN 55022: 2010, EN 61000-3-2: 2006 +A1: 2009 +A2: 2009 Class A,
EN 61000-3-3: 2008, EN61000-4-2: 2009,
EN 61000-4-3: 2006 +A1: 2008 +A2: 2010, EN 61000-4-4: 2012,
EN 61000-4-5: 2006, EN 61000-4-6: 2009, EN 61000-4-11: 2004

For and on behalf of LightwaveRF PLC

Name

J Shermer

Position

Managing Director



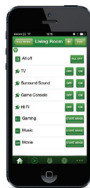
How do I get started?

Please refer to the following instructions that will guide you through the installation of a LightwaveRF in-line relay into the waterproof housing. Take great care when mains electricity is involved and always consult with a qualified electrician if you are uncertain.



What do I need?

This housing is designed to accommodate a LightwaveRF in-line relay (JSJSLW821) and allows it to be located outdoors. You will need to understand how to safely turn off the electricity supply in order to connect the relay. You will also need suitable electrical screwdrivers.



Help video & further guidance

For additional guidance, and to watch a video that will help guide you through the installation process, please visit the support section on www.lightwaverf.com



Cable Entry/Exit
hole (4 in total)

Front Cover

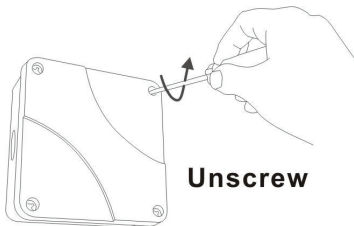


Cover Fixing
Screws

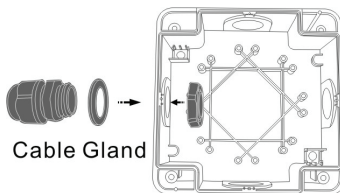
DIMENSIONS: 115mm x 115mm x 50mm

IMPORTANT: Please retain these instructions for reference. For additional guidance please visit www.lightwaverf.com

1) On the cover plate, remove the screws on each corner with a crosshead screwdriver, and remove the cover plate (the screws will not drop out from the plate).



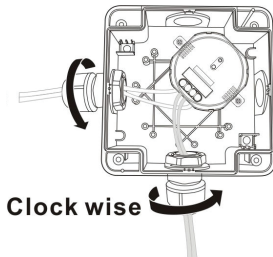
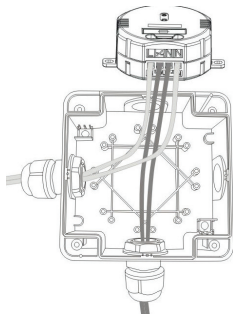
2) Secure the cable glands (2 included) in the relevant position(s) where any incoming and outgoing wires will be threaded through as shown. You will have to carefully remove the plastic seal from the hole(s) where the gland(s) will be mounted using a sharp knife or other suitable tool.



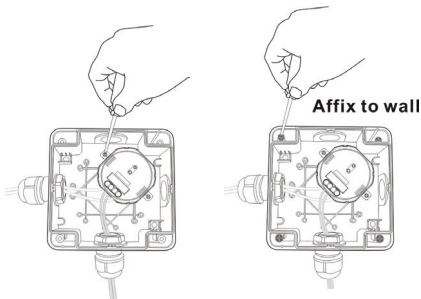
3) Wire the in-line relay according to the corresponding instructions included with the unit. It is important that the cables are threaded through each of the glands (see next step).

4) Connect any earth wires to the earth terminal(s) as shown.

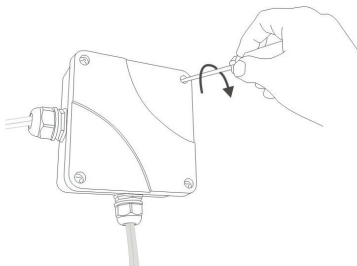
5) Tighten each of the glands to secure the cables in place and prevent any moisture from entering the enclosure.



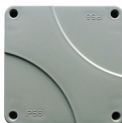
6) Secure the In-line Relay to the enclosure using the two moulded screw mounting positions (screws included).



7) If necessary the enclosure can be attached to the wall using the mounting holes in the corners (screws included).



8) Replace the cover and tighten screws.



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