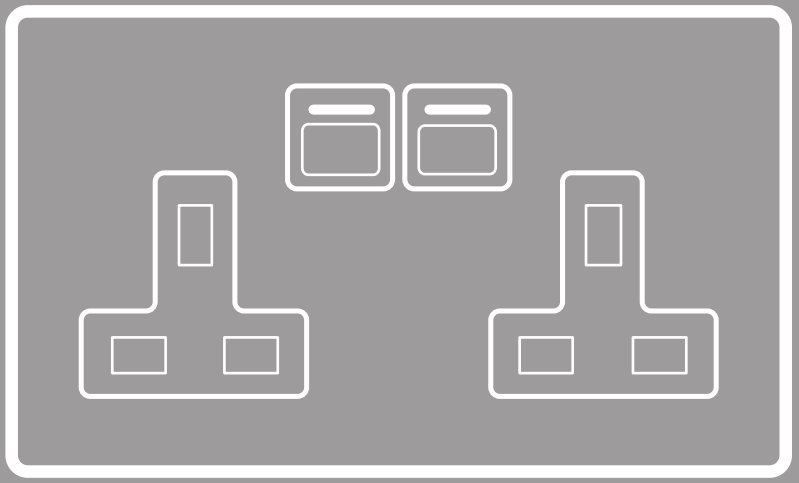


Smart Socket (L42 / L42WH)

Lightwave

1 Preparation

Installation

If you plan to install this product yourself, please follow the electrical wiring instructions carefully to ensure the product is installed safely, if in any doubt please consult a qualified electrician.

It is important to install this product in accordance with these instructions. Failure to do so may risk personal safety, create a fire hazard, violate the law and will also void your warranty. LightwaveRF Technology Ltd will not be held responsible for any loss or damage resulting from not correctly following the instruction manual.

IMPORTANT: Any electrical installation must comply with Building Regulations, BS 7671 (IET Wiring Regulations) or local equivalent.

IMPORTANT: If conducting an insulation resistance test, any hard-wired Lightwave devices must be disconnected from the mains, or damage to the unit may occur.

You will need

- A back-box with a minimum depth of 35mm
- Suitable electrical screwdrivers
- Knowledge of how to safely turn off/on mains electricity
- Your Link Plus, smartphone and smart socket

Back box

This Smart Socket requires a back box 35mm or more deep in which to mount it. If you have a back box that is shallower than 35mm, then the Lightwave spacer included can be used to provide 7mm of extra clearance from the wall.

Range

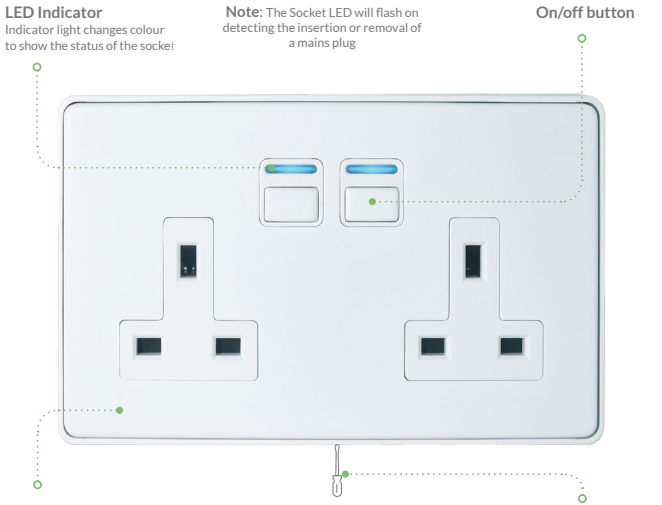
Lightwave Sockets should have an excellent communication range within a typical home, however, if you encounter any range issues, try to ensure that large metal objects or bodies of water (e.g. radiator) are not positioned in front of the Socket or in between the Socket and the Lightwave Link Plus.

Locking Sockets

Lightwave Smart Sockets can be locked from the Lightwave App so that they cannot be operated manually. This is a great way help with family safety by ensuring that dangerous appliances cannot be turned on or off by small children.

Automations

Using the Link Plus and Lightwave App, you can create custom automations for Lightwave devices. Automations provide a whole host of clever features, including timers, group actions, triggers and wireless 2-way switching. Find out more by exploring the Lightwave App.



Specification

RF frequency: 868 MHz

Input rating: 230V~ 50Hz

Output rating: 3000W (13A)

Standby energy use: Less than 1W

Back Box Depth: 35mm min

Warranty: 2 year standard warranty

UK

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.**

Environmentally friendly disposal

Old electrical appliances must not be disposed of together with residual waste, but have to be disposed of separately. The disposal at the communal collecting point via private persons is for free. The owner of old appliances is responsible to bring the appliances to these collecting points or to similar collection points. With this little personal effort, you contribute to recycle valuable raw materials and the treatment of toxic substances.

EU Declaration of Conformity

Product: Mains Socket
Model/Type: L42 / L42WH
Manufacturer: LightwaveRF
Address: Innovation Campus Birmingham, Faraday Wharf, Holt Street, Birmingham, B7 4BB

This declaration is issued under the sole responsibility of LightwaveRF. The object of the declaration described above is in conformity with the relevant union harmonisation legislation.

Directive 2011/65/EU ROHS,
Directive 2014/53/EU: (The Radio Equipment Directive)

Conformity is shown by compliance with the applicable requirements of the following documents:

Reference and date:

EN301489-3 V1.6.1: (EMC), EN300220-2 V3.1.1 (RF), EN62479:2010 (RF Exposure), EN60669-2-5:2013 (Safety), BS1363-2:1995 (UK Safety)

Signed for and on behalf of:
Place of Issue: Birmingham
Date of Issue: 20th August 2017
Name: John Shermer
Position: CTO

2 Installing the Socket

Carefully follow the instructions in this section in order to install the Socket. Please remember that live electricity is dangerous. Do not take any risks. For other advice, please contact our dedicated technical support team at **www.lightwaverf.com**.

The easiest way to learn how to install the Lightwave Socket is to watch our short installation video which is accessible at

www.lightwaverf.com/product-manuals

2.1 Turn off the mains electricity supply

Turn off the mains power supply to your existing powercircuit at the consumer unit.

2.2 Remove the existing socket

Unscrew the existing socket and remove the wires. It is often a good idea to take a quick photo of the existing wiring configuration. This can help you to remember which wires connect to which terminals if there are more than two, or if they are not distinctly labelled. The existing wiring should be colour coded and arranged as per the wiring diagram provided in these instructions, however, please be aware that not all existing wiring will conform to this standard and may differ.

2.3 Remove the Faceplate

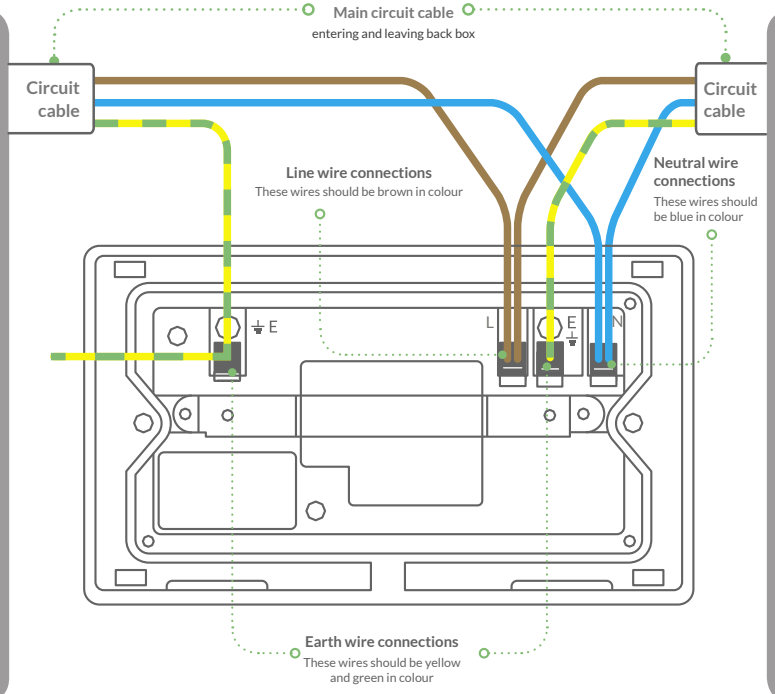
Remove the faceplate from the Lightwave Socket by carefully inserting a screwdriver into the small slot located at the bottom edge of the cover.

2.4 Wire the Socket

Carefully wire the Socket as shown in the diagram. Be aware that existing cables can vary in colour and may not always be correctly labelled. If in any doubt, always consult a qualified electrician.

2.5 Replace the faceplate

Replace the faceplate by hooking it onto the top edge of the Socket and clipping in the bottom.

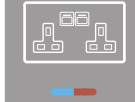


Linking the Socket & other functions 3

Linking

To be able to control the Socket, you will need to link it to the Link Plus.

Using the Lightwave App, select 'add device', and follow the in-app instructions.



On the Socket, press and hold down either 'on' / 'off' button until the LED flashes blue and red alternately then release it. The Socket is now in linking mode.

The LED on the Socket will flash blue to confirm that it is linked to the App.

Unlinking the Socket (clear memory)

To unlink the Socket, enter linking mode by holding down either on/off button until the LED flashes red. Release the button, then hold it for a second time until the LED flashes red to confirm that the memory has been cleared.

Locking the Socket

The Socket can be 'locked' using the App so that the manual button will not operate it. A locked socket is signified by a slow flashing magenta LED. To lock / unlock the Socket, press the 'lock' button on the Smartphone App. Clearing the memory will remove the lock.

Changing the colour of the LED

The colour of the LED indicator light on the Socket can be changed or dimmed using the Lightwave App. See the App for more details.

Firmware updates

Firmware updates are over-the-air software improvements that keep your device up to date as well as providing new features. Updates can be approved from the App before being implemented, and generally take 2-5 minutes. The LED will flash cyan in colour during an update. Please do not interrupt the process during this time.

Error reporting

A permanently flashing red LED indicates that a software or hardware error has been encountered. Press the on/off button to reset the indicator LED. If the error light persists, please contact Lightwave support via **www.lightwaverf.com/support**.

4 Troubleshooting

For advice and guidance on any aspect of the installation or setup process, please visit the help & support section on lightwaverf.com or call our dedicated tech support line on 0121 250 3625.

The LED flashes red when attempting to enter linking mode

The Device memory is full. Clear the memory (see section 3) and attempt to re-link the device.

The device does not link (no flashing blue LED to confirm successful link)

Check that the Link Plus is connected and working properly (it should display a solid green light during normal operation). The Socket may be out of range of the Link Plus, or a large metal object / body of water may be blocking transmissions. Try changing the position of the Link Plus, and see if the problem persists.

LED slow flashes red during operation

The Socket has automatically shut itself down to prevent damage due to overheating. Check to see if the load exceeds the maximum of 13A. Press the power button to reset the Device after removing any unsuitable loads and allowing the Socket to cool. If the problem persists, contact technical support.

The LED/s on the device is not lit when the circuit is live

The device may have developed a fault. Please contact tech support to confirm if the unit needs to be replaced.

Lightwave

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www.lightwaverf.com

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