Link Plus (L2)
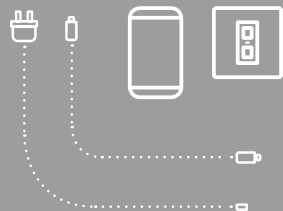
Lightwave

Ethernet Port

Power Socket

Indicator LED

Main button

What do I need?

The Lightwave Link Plus requires mains power and a standard wireless router with a permanent internet connection in order to operate. You will also require a WiFi enabled smartphone, tablet or PC.

Range & Positioning

The wireless range of a single Link Plus should cover a typical large house. To ensure the best performance, try not to position the Link next to radiators, water tanks or very thick walls. Siting the Link as high up as possible within your home (e.g. on the first floor) will always provide the best coverage.
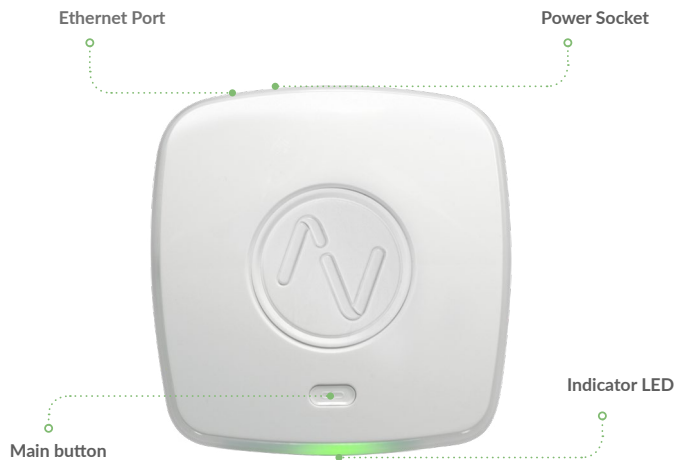
Voice Control

You can use your voice with Siri on compatible Apple devices, with Google Assistant, and with Amazon Alexa to issue commands to Lightwave, to control devices e.g. "Turn the living room lights on". See www.lightwaverf.com for more information.

Control from anywhere

You can control Lightwave devices whilst away from home using your app. You can also use automations to schedule devices to work automatically at times that you set in the App.

Expand your system

Lightwave is very flexible, and you can add new Lightwave devices to your system at any time. Other family members can also download the App and use it to control devices on their own smartphone or tablet.

Specification

RF frequency:	Input rating:	Output rating:	Warranty:
868 & 434MHz	5V	3W approx	2 year standard

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: Link Plus Wireless RF Controller
Model/Type: L2
Manufacturer: LightwaveRF

Address: Innovation Campus Birmingham, Faraday Wharf, Holt Street, Birmingham, B7 4BB

This declaration is issued under the sole responsibility of the 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:
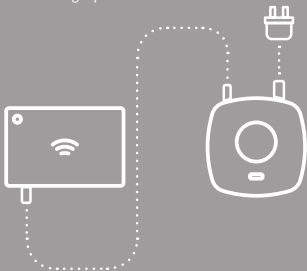
Reference and date:
EN301489-3 V1.6.1: (EMC), EN300220-2 V3.1.1 (RF), EN62479:2010 (RF Exposure), EN60950-1:2006+A2:2013 (Safety)

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

2 Setting up the Link Plus

LED Indicator lights

Setting up the App 3

2.1 Attach the Ethernet cable
Take the Ethernet cable (supplied) and connect it to any spare available LAN port on your wireless router. Connect the other end of the cable to the Lightwave Link Plus' single port.

2.2 Attach the power supply
Plug in the power supply and push the Micro USB connector into the socket on the back of the Link Plus. The Link Plus will now enter its startup sequence and will attempt to find a connection to the Lightwave server. A solid amber light indicates that a connection is being attempted, and a solid green light will show once a connection has been established. Once the green light appears, the Link Plus is ready to be set up on the Lightwave Link Plus App.

Link Plus indicator light
The LED indicator is used to indicate the status of the Link Plus and also to indicate if there is a connection problem (see list on the right).

Connectivity issues
A solid red LED indicates that there is no connection to the server. Check that the Ethernet cable is securely connected to a spare Ethernet port on your Wifi router. If the red LED persists, please contact tech support on 0121 250 3625 or at www.lightwaverf.com.

Firmware updates
Firmware updates are over the air software improvements that keep your device up to date as well as providing new features. Updates generally take 2-5 minutes. The LED will flash amber whilst new firmware is being downloaded and solid white during installation. It is important not to remove power to the device during this time.

Changing the colour of the indicator LED
The colour of the LED indicator light on the Link Plus can be personalised or the LED dimmed using the Lightwave App. See the App for more details.

Steady green (or personalised colour): Status normal

Steady red: Cannot contact server

Flashing green: Transmitting

Flashing amber: Device restarting/updating

Flashing green / amber: Linking mode

Solid white: Firmware installing (do not remove power)

Need some help?

support@lightwaverf.com   www.lightwaverf.com   +44 (0)121 250 3625

3.1 Download & open the App
Download the Lightwave Link Plus App from the App Store. Open the App and follow the instructions and tutorials which will take you through the setup procedure.

You can also use the Lightwave Web App to set up and control your Link Plus. This is a more extensive platform very suited to setting up and viewing large installs. This can be accessed at **www.lightwaverf.com**.

3.2 Follow the in-app instructions
Once your Link Plus is set up, you will be able to register multiple smartphones or tablets to control any number of Lightwave devices in your home.

HomeKit
You will also be able to control Lightwave devices via HomeKit using the code below. To do this, open the Home app on your iPhone or iPad, select the Link Plus and manually enter the code.

Communication between iPhone, iPad, or iPod touch and the HomeKit-enabled Link Plus is secured by HomeKit technology. Controlling this HomeKit enabled accessory automatically and away from home requires an Apple TV with tvOS 10.3.2 or later or an iPad with iOS 10.3.2 or later set up as a home hub. Apple, iPhone, iPad and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. HomeKit is a trademark of Apple Inc.

MAC:
Cloud:

XX-XX-XX-XX