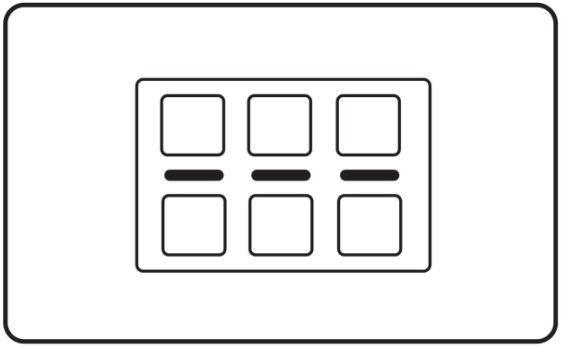
Lightwave



Installation Manual

Wire-Free Scene Selector
(3 Gang) (LP53) 6 Button

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Installation Support

In this booklet you will find wiring diagrams and instructions on how to set up a Wire-Free Scene Selector (3 Gang) (LP53)

For further guidance click on the links below:

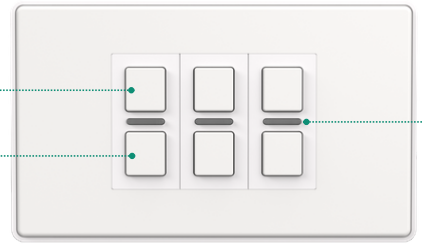
Contact the technical support team

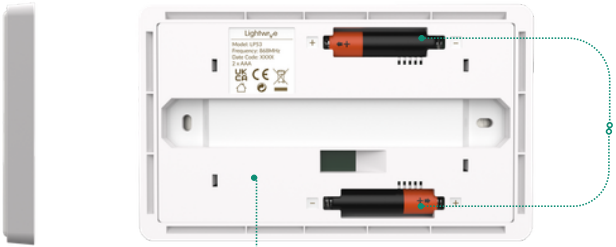
Contact a Lightwave Pro installer

Have a look at our website

Phone number: 0121 468 8987

General Information





RF Frequency:
868 MHz

RF Range:
Up to 50m indoors

Batteries:
2x AAA
We recommend using non rechargeable alkaline batteries for the best performance

Warranty:
2-year standard warranty (from the date of purchase).

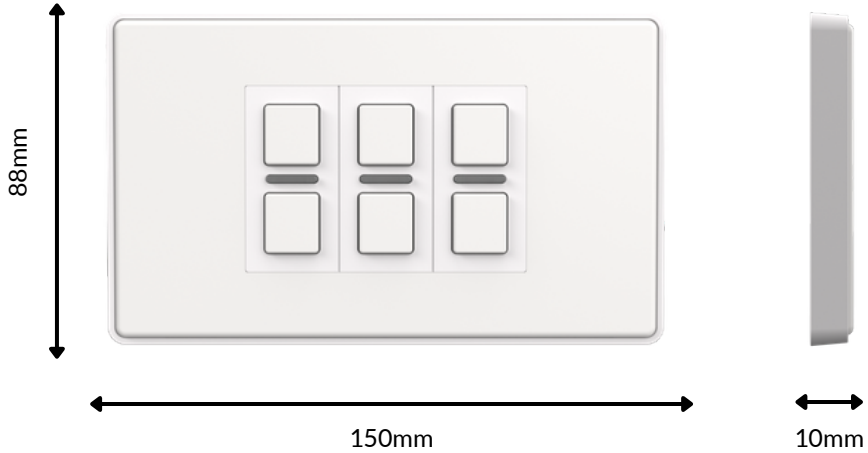
A lifetime warranty on the device is available if you are a Lightwave Plus member.

Overview:
- The Wire-Free Smart Switch controls other Lightwave devices by sending commands through the Link Plus hub.

Automation Features:
- You can create custom automations for the Wire-Free switch, such as multi-press, triggering scenes (third party devices), and enabling wireless two way switching.

Location:
- Mount the switch to a standard plastic back box or a flat surface using suitable screws. If installing over an existing plastic back box, any old or unused wiring must be removed.
- Do not install over a metal back box, as this can affect performance. You can also use the double sided sticky pads provided to attach the switch to a wall or flat surface.

Product Dimensions



Height: 88mm

Width: 150mm

Depth: 10mm

WARNING!

⚠️ **WARNING**

This product contains AAA batteries. Keep batteries away from children. Swallowed batteries can cause serious injury. If a battery is swallowed or placed inside any part of the body, seek immediate medical attention.

DAMAGE CAUSED BY INCORRECT LOADING, WIRING OR PHYSICAL DAMAGE WILL INVALIDATE YOUR WARRANTY

If you plan to install this product yourself, please follow the instructions carefully to ensure the product is installed safely, if in any doubt please consult a qualified electrician, technical team or Lightwave Pro installer.

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.

Preparing for Installation

Neglecting to follow these instructions could result in the loss of your 2-year warranty on the device.

Damage caused by any modifications, or physical damage will invalidate your warranty.

LightwaveRF Technology Ltd cannot accept responsibility for any loss or damage that may occur if the instruction manual is not followed correctly.

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:

- Suitable electrical screwdrivers.
- Your link Plus Hub and smartphone.
- The Lightwave Link Plus App (available on iOS & Android)

What is included in the box:

- Wire-Free Scene Selector (3 Gang) (LP53)
- 2 x UK Standard Back Box Screws
- 2 x Plasterboard Screws
- 2 x Plasterboard Wall Plugs
- 1 x Double Sided Sticky Pad
- Installation manual
- 10mm spacer

Installing a Wire-Free scene selector

If you plan to install this product yourself, please follow the instructions carefully to ensure the product is installed safely, if in any doubt please consult a qualified electrician, technical team or Lightwave Pro installer.

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.

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To get started, you will first need to install the batteries in the Wire-Free scene selector.

Inserting the batteries:

- Turn the device over to locate the battery slots, then insert 2 x AAA batteries.
- Once the batteries are installed, the switch is ready to be mounted and paired with the Lightwave app.

There are multiple mounting methods to choose from when installing your Wire-Free Smart Switch.

- **Over an existing plastic back box**

(We **DO NOT** recommend installing over a metal back box) Standard UK screws have been provided to install over a back box, any legacy wiring MUST be removed.

- **Wall mounted - permanent**

In the box are 2 x No.4 plasterboard screws and 2 x wall plugs.

- **Wall mounted - semi-permanent**

Double sided sticky pads are also provided to attach the switch to a wall or flat surface.
PLEASE NOTE: The adhesive strip will provide a semi-permanent fixture. Damage to surface preparation such as plasterwork or wallpaper may occur upon removal.

How to pair a Wire-Free Scene Selector to the Lightwave App

Before you begin: Download the Lightwave Link Plus App from the **Google Play Store** or **Apple App Store**.

Adding a smart series device to the Lightwave Link Plus App:

Before you start, ensure the Link Plus Hub is positioned high and centrally in the house for the best signal.

- Open the app and tap the green plus (+) button at the bottom of the page. Then select the devices icon.
- Enter a name for your device in the grey box that says e.g. Porch Spotlights.

PLEASE NOTE: All channels on the Wire-Free scene selector will pair to the app automatically, so you do not need to pair each channel individually.

For example, if you name a 3-gang Wire-Free scene selector "Lounge," the app will automatically discover all 3 channels. In the app, the 3 channels will be displayed as Lounge 1,2,3. You can then rename them as needed after they have been added.

- Put the device into pairing mode (see below). While the device LED is flashing red and blue alternatively, tap Link in the app.
- The app will scan and pair with the device. Once linked, the LED will flash blue rapidly.
- After adding the device, the Lightwave app will show two automation options: mirroring or custom automations (see next page for details).
- Once you have chosen your preferred option, assign the Scene Selector to a room in the app to keep your devices organised and easy to control.

Pairing mode:

- Press and hold the top and bottom buttons on one of the channels for 5 seconds until the LED flashes red and blue.

Issue with pairing the device:

- If the device exits pairing mode too soon, repeat the button press to re-enter pairing mode.
- If the LED flashes red only the device's memory must be cleared with a master reset. (see next page)

LED Indicator Lights

- Change the batteries
- Pairing Mode
- Successful Pairing
- Memory is Full
- (following a button press) Single press confirmation
- Scene selector is Locked
- Scene selector is updating
- (following a button press) Multi-press press confirmation
- (following a button press) Long press confirmation

How to pair a Wire-Free Scene Selector to the Lightwave App

How to master reset the device:

- Press and hold both the top and bottom buttons on one channel until the LED flashes red.
- Release both buttons, then press and hold the bottom button until the LED flashes red rapidly.
- Release the bottom button— the LED will turn green as it calibrates. When it turns solid red, the scene selector is ready to pair again.

PLEASE NOTE:
When performing a master reset on the 3-gang wire-free scene selector, the memory will be cleared across all 3 channels automatically. There is no need to reset each channel individually.

Once the pairing process is complete, the Lightwave app will show two automation options:

Mirroring = This lets the up and down buttons copy the behaviour of an existing smart device in your Lightwave app.

Example: You could use a wireless switch with mirroring to control a living room lamp from beside your sofa, or turn hallway lights on and off from upstairs without additional wiring.

Custom Automations
Choose how each button press works:

- **Single Press:** Triggers one automation with a single press.
- **Multi Press: (Can go up to 24 presses) -** Use two or more presses to trigger different automations or lighting scenes from the same button.
- **Long Press:** press and hold to trigger an automation
- **Release:** Triggers an automation when you let go of the button, useful for actions like stopping dimming or ending a scene change.

For more information, please click on the links below:

- Multi-Press Use Cases and Automation Guide
- How to add devices to the Link Plus App?
- How to put your devices into pairing mode?
- How do I master reset Lightwave devices?
- Updating Firmware on your Lightwave devices

How to Set Up a Mirroring Automation for a Wire-Free Scene Selector and a Smart Series Device in the Lightwave App

Please ensure that both the Smart Series device and the Wire-Free Scene Selector have been added to the Lightwave app and named accordingly, so you can create a mirroring automation that allows one device to control (mirror) another wirelessly.

How to Create a Mirror Automation:

- Log in to your Lightwave app using your account details
- Tap on Rooms at the bottom of the screen.
- Select the room that contains the wire-free switch (this is the one you want to configure and the wire-free scene selector that cannot currently control the lights).
- Press and hold the tile for that device.
- Tap the settings (top-right corner).
- Scroll down and select Multi-Press.
- Tap Mirror to another device.
- From the list, select the room that the device is in and then select the device so it will then mirror the wire-free scene selector
- Tap Done (top-right) to save your changes.

You have now successfully created a mirror automation.

IMPORTANT INFORMATION:

- Only configure mirroring on the wire-free scene selector device (not both).
- Please set up a 2-way switching automation for 2-way & intermediate switching between dimmers & wire-free dimmers
- The mirrored device must already be set up in the app.
- Multi-Press can also be used for Custom Up/Down Button actions for even more flexibility.

For more information, please click on the link: How to setup Mirroring

Creating Automations

- Using the Link Plus and Lightwave App, you can create custom automations for the scene selector.
- As long as the Link Plus Hub is still connected to power, your automations will continue to work even if you lose your internet connection.
- You need internet connection to create the automations.

Types of automations you can create with a Wire-Free Scene Selector (3 Gang):

If-Do = This automation triggers another action. For example: when one light switches on, all lights in the house turn on.

Two-way switching = This can be used to make multiple dimmer switches mirror each other. This is commonly used with one switch at the top of the stairs and one at the bottom of the stairs.

Multi-press = Gives you the option to trigger an automation to work from a single, multiple, long & release presses.

Mirroring= Allows one device to copy the behaviour of another, such as a wire free switch controlling a dimmer in the same way

For more information, please click on the link: Introduction to Automations

Troubleshooting

If your Lightwave Wire-Free Scene Selector (3 Gang) isn't behaving as expected, the steps below cover the most common issues and how to resolve them.

🔌 Device not pairing to the app

- Check the device hasn't been added to the default room (if no room is selected, it goes to the top room on your rooms list automatically).
- Make sure the device is within close range of the Link Plus hub.
- If the LED flashes red when pairing, the device memory is full and will need clearing before it can be added.

Helpful Guides:

Why Won't My Devices Pair to the Link Plus App?

Where is the best place to position my Link Plus Hub?

📶 Range issue

A range issue occurs when the Wire-Free Scene Selector is too far from the Link Plus hub, which can prevent it from communicating properly and stop the switch from working.

What to try:

- Move the Link Plus hub closer to the Scene Selector to improve the connection and restore normal operation.

Helpful Guides:

Where is the best place to position my Link Plus Hub?

Troubleshooting

If your Lightwave Wire-Free Scene Selector (3 Gang) isn't behaving as expected, the steps below cover the most common issues and how to resolve them.

🔋 Battery issue

If the Wire-Free switch flashes yellow or begins to stop working, this usually means the batteries need replacing. The Wire-Free Scene Selector uses 2 x AAA batteries.

⚙️ Not behaving as expected

If the device is not working as expected, check that the automation has been set up correctly in the Lightwave app.

What to try:

- Go through the automation and re-save it, making any edits if needed. Then check the guide on the Help and Support page to make sure it has been set up correctly.
- Make sure both devices are online in the Lightwave app, as the automation will not work if either device is offline.

Helpful guide:

[Introduction to Automations]

Feedback

★ ★ ★ ★ ★

We've just launched our new Lightwave installation manuals and would love to hear what you think!

Your feedback helps us improve our guides and provide better support, whether it's something you liked or something we could make clearer. It only takes a few minutes and really makes a difference.

Please click here to share your feedback

Thank you for helping us improve your Lightwave experience.