

[Manuals.plus](#) /

› [Klarlight](#) /

› Klarlight Wireless Wall Switch Set 10A with Receiver - User Manual

Klarlight 2364

Klarlight Wireless Wall Switch Set - User Manual

MODEL: 2364

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Klarlight Wireless Wall Switch Set. Please read this manual carefully before use to ensure safe and efficient operation. This innovative system allows you to control lighting or other appliances wirelessly without the need for batteries or complex wiring.

2. Safety Information

- Always ensure power is disconnected at the main circuit breaker before installing the receiver to prevent electrical shock.
- Installation should be performed by a qualified electrician if you are unsure about electrical wiring procedures.
- The wireless switch has an IP44 rating, making it suitable for damp environments like bathrooms, but it is not designed for submersion in water. Avoid direct water jets.
- Do not attempt to open, disassemble, or modify the devices. Doing so will void the warranty and may pose a safety risk.
- Ensure the receiver's maximum current rating of 10A is not exceeded by the connected appliance.

3. Package Contents

Please check the package for the following items:

- 1 x Klarlight Wireless Wall Switch (Self-Powered Transmitter)
- 1 x Klarlight Wireless Receiver (10A)
- Mounting accessories (e.g., screws, adhesive tape)

4. Product Overview

The Klarlight Wireless Wall Switch Set offers a convenient and flexible solution for controlling lighting or other appliances without the need for traditional wiring or batteries. The wall switch is self-powered, generating its own energy with each press, and communicates wirelessly with the receiver. The receiver connects to your appliance and power supply,

enabling remote control.



This image displays the Klarlight Wireless Wall Switch and its corresponding receiver, highlighting their compact design and the absence of visible wires or battery compartments.

Key Features:

- **No WiFi or Battery Required:** Self-powered kinetic energy generation for the switch.
- **Multiple Control Options:** One receiver can be paired with up to 10 switches; one switch can control an unlimited number of receivers.
- **Extended Range:** Up to 30 meters indoors and 80 meters outdoors, with RF signal working through walls and doors.
- **Easy Installation:** No wiring needed for the switch; receiver installs between appliance and power supply.
- **Waterproof (IP44):** Suitable for use in damp locations like bathrooms.

5. Setup

5.1 Receiver Installation

1. **Disconnect Power:** Turn off the main power supply to the circuit where you intend to install the receiver.
2. **Wire the Receiver:** Connect the receiver between the power supply and the appliance you wish to control. Ensure correct wiring for Live (L) and Neutral (N) inputs and outputs. The receiver supports 110-230V 50/60Hz and a maximum current of 10A. Refer to the wiring diagram provided with the product for specific connections.
3. **Secure the Receiver:** Place the receiver in a suitable, secure location, such as inside a junction box or behind the appliance.
4. **Restore Power:** Once the receiver is securely installed and wired, restore power to the circuit.

5.2 Switch Pairing

The wireless wall switch and receiver are typically pre-paired from the factory. If re-pairing is required, or if you wish to pair additional switches to one receiver, follow these steps:

1. **Enter Pairing Mode:** Press and hold the pairing button on the receiver for approximately 3 seconds until the indicator light on the receiver begins to flash.
2. **Activate Switch:** Within 10 seconds of the receiver's indicator light flashing, press the wireless wall switch button.
3. **Confirm Pairing:** The indicator light on the receiver will stop flashing, indicating successful pairing.
4. **Clear All Pairings (Optional):** To clear all previously paired switches from a receiver, press and hold the pairing button on the receiver for 10 seconds until the indicator light flashes rapidly, then turns off.

6. Operating Instructions

Once the receiver is installed and paired with the wireless switch, operating your appliance is straightforward:

- **Toggle ON/OFF:** Simply press the wireless wall switch button to toggle the connected appliance ON or OFF. Each press generates the kinetic energy needed for transmission.
- **Multiple Control:** Utilize multiple switches to control a single receiver from various locations, or use one switch to control multiple receivers simultaneously (after pairing them as described in Section 5.2).

7. Maintenance

The Klarlight Wireless Switch Set is designed for minimal maintenance:

- **Cleaning:** Clean the surface of the wireless switch with a soft, dry cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these may damage the finish or internal components.
- **Water Exposure:** While the switch is IP44 rated for splash resistance, ensure it is not exposed to direct water jets or submerged.
- **No Battery Replacement:** As the switch is self-powered, no battery replacement is ever needed.

8. Troubleshooting

If you encounter issues with your Klarlight Wireless Wall Switch Set, please refer to the following common solutions:

- **Appliance Does Not Respond to Switch:**
 - Ensure the receiver is correctly wired and receiving power. Check the circuit breaker.
 - Verify that the switch and receiver are properly paired (refer to Section 5.2 'Switch Pairing').
 - Check if the appliance itself is functioning correctly by connecting it directly to a power source.
- **Reduced Wireless Range:**
 - Ensure the receiver is not obstructed by large metal objects, thick concrete walls, or other sources of significant interference.
 - While designed to work through walls, extreme interference can reduce the effective range. The maximum indoor range is 30 meters.
- **Switch Feels Unresponsive:**
 - Ensure a firm and complete press is applied to the self-powered switch. The kinetic energy generation requires a full actuation.

9. Specifications

Feature	Specification
Operation Type	Reset
Power Mode	Kinetic Energy Self-Generation
Working Frequency	433MHz
Communication Mode	RF/2.4G
Switching Cycles	>100,000 times
Transmission Distance	80M (Outdoor), 30M (Indoor)
Water Resistance	IP44
Receiver Voltage	110-230V 50/60Hz
Maximum Current	10A
Contact Type	Normally Open

Feature	Specification
Connector Type	Terminal Clamp
Contact Material	Metal
Manufacturer	Lusta LED Co., Ltd
Model Number	2364

10. Warranty and Support

For warranty information, technical support, or any inquiries regarding your Klarlight Wireless Wall Switch Set, please contact your retailer or the manufacturer, Klarlight. Please retain your purchase receipt as proof of purchase for warranty claims.

© 2023 Klarlight. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B0BZ3JCWZ9>

More documents and user manuals: <https://manuals.plus/>