

LoraTap SS001KS-915WHI

LoraTap Wireless Lights Switch Kit User Manual

Model: SS001KS-915WHI

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Installation	Operation	Maintenance	Troubleshooting	Warranty & Support

1. INTRODUCTION

The LoraTap Wireless Lights Switch Kit provides a convenient solution for remote control of lamps and household appliances. This kit eliminates the need for complex wiring, offering flexibility in controlling your devices from various locations within your home or outdoors. It operates on a 915MHz RF frequency, ensuring reliable communication between the remote switch and the relay receiver.

The system is designed for ease of use, with no requirement for apps, Wi-Fi, or Bluetooth. Each kit is pre-paired for immediate functionality. The remote switch can be used as a portable device or mounted on a magnetic base, functioning as a traditional wall switch.

2. PACKAGE CONTENTS

Please verify that all items listed below are present in your package:

- 1 x Relay Receiver
- 1 x Switch (Remote Control)
- 1 x Magnetic Switch Base
- 1 x CR2032 Battery (pre-installed in remote)
- 1 x Double-Sided Tape
- 1 x Screw Driver
- 1 x User Guide

3. SPECIFICATIONS

Component	Specification
Transmitter (Remote)	
Color	White
Buttons	2 Buttons (ON/OFF)
Signal Range	Indoor: Up to 100 ft (30m) Outdoor: Up to 656 ft (200m) (without obstacles)
Frequency	915MHz
Lifetime	Over 220,000 clicks
Battery Type	CR2032 (included)
Battery Lifetime	Up to 10 years
Dimensions (Dia x H)	2.68 x 0.63 inches (68 x 16 mm)
Relay Receiver	
Color	White
Input	100-120V AC, 50/60Hz
Output	100-120V AC, 50/60Hz
Maximum Load	10 Amp
Maximum Power	LED, CFL, Fluorescent Lamp: 300W Incandescent, Tungsten, Halogen Lamp, Ceiling Fans, Mini Household Appliances: 1800W
LED Indicator Light Color	White
Dimensions (H x W x L)	0.97 x 1.98 x 2.37 inches (24.6 x 50.3 x 60.2 mm)
Certification	CE, FCC, RoHS

Note: The relay receiver CANNOT work with a dimmer switch.

4. SETUP & INSTALLATION

The LoraTap Wireless Switch Kit is designed for straightforward installation. No complex wiring or smart home hubs are required. Each kit is pre-paired for your convenience.

4.1. Relay Receiver Installation

The relay receiver must be wired between the power supply and the lamp/appliance you wish to control. Ensure the power is OFF before beginning installation.

- Turn off Power:** Before any electrical work, ensure the main power supply to the circuit is turned off at the circuit breaker.
- Identify Wires:** Locate the live (hot) wire and neutral wire from your power source, and the corresponding wires leading to your lamp or appliance. A neutral wire is necessary for the receiver to function.
- Connect Input Wires:** Connect the live (hot) wire from the power source to the 'L' input terminal on the receiver and the neutral wire from the power source to the 'N' input terminal.
- Connect Output Wires:** Connect the live (hot) wire leading to your lamp/appliance to the 'L' output terminal on the receiver

and the neutral wire leading to your lamp/appliance to the 'N' output terminal.

5. **Secure Connections:** Ensure all wire connections are secure.
6. **Mount Receiver:** Place the relay receiver inside the electrical box or fixture where it is being installed. Its compact size allows it to fit in most standard junction boxes.
7. **Restore Power:** Once all connections are secure and the receiver is safely housed, restore power at the circuit breaker.

Receiver installation

Work with all Kinds of Light and Ceiling Fan LED, CFL, Fluorescent lamp
can load 300w, other can load 2500w

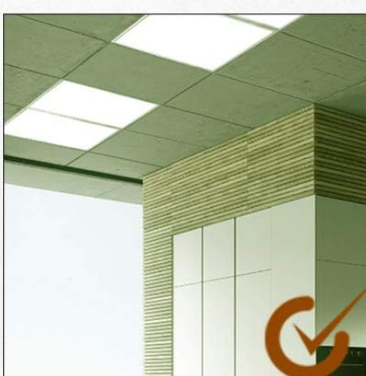
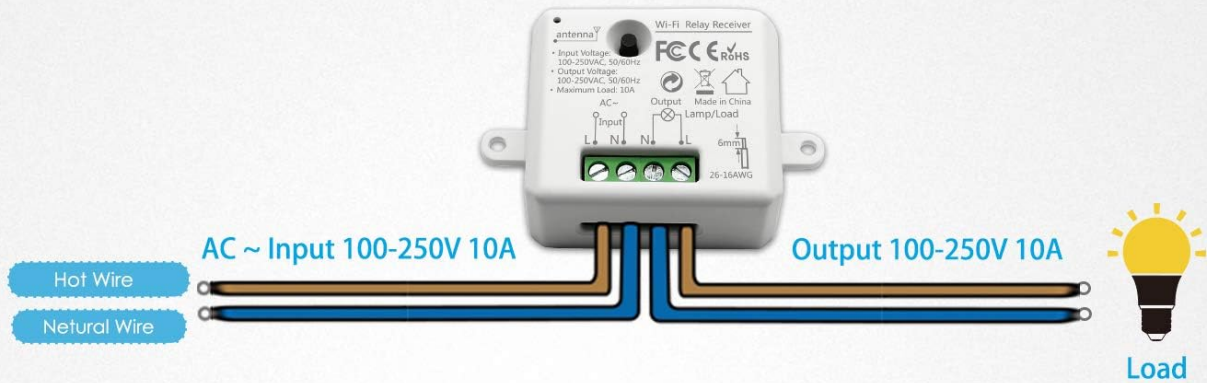


Figure 4.1: Relay Receiver Wiring Diagram and Compatible Loads. The diagram illustrates how to connect the hot and neutral wires from the AC input to the receiver, and then from the receiver's output to the lamp or load. Examples of compatible loads include various types of ceiling lights, chandeliers, track lighting, and even a garden water pump.

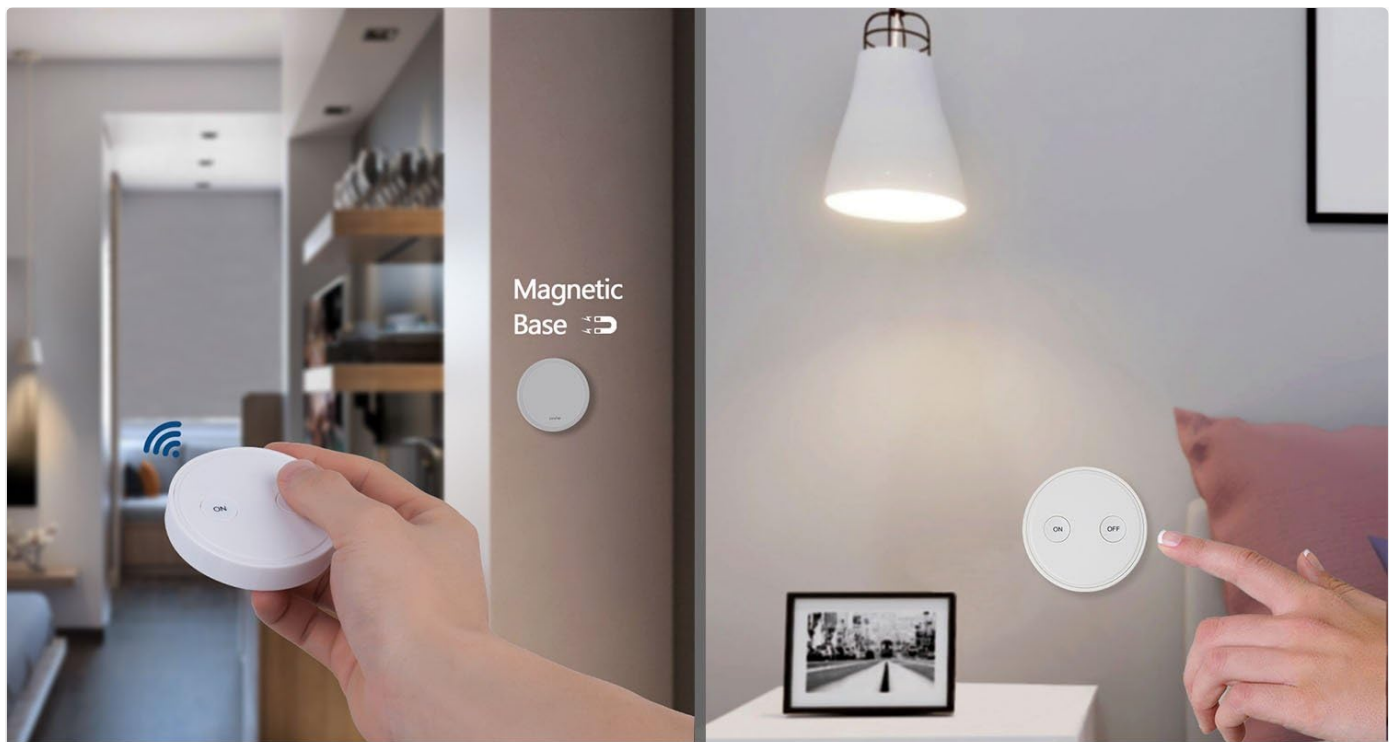


Figure 4.2: Wireless Control Setup. This image demonstrates the relay receiver wired between the power source and a ceiling lamp, with the wireless remote switch being used to control it, emphasizing the "no wires, no limits" aspect of the system.

4.2. Remote Switch Placement

The remote switch offers versatile placement options:

- **Portable Use:** The remote switch is lightweight and can be carried and used anywhere within its signal range.
- **Wall Mounting:** Use the included magnetic switch base and double-sided tape to affix the remote to any flat surface, such as a wall, functioning as a traditional wall switch. The remote can then be easily detached from the magnetic base for portable use.



Mountable and Moveable
Can put the switch anywhere you need it



Figure 4.3: Mountable and Moveable Remote Switch. This image highlights the flexibility of the remote switch, showing it attached to a wall via its magnetic base, being held for portable use, and conveniently placed on a bed for easy access to control lighting.

5. OPERATION

Operating the LoraTap Wireless Lights Switch Kit is simple and intuitive.

- **Turning On:** Press the "ON" button on the remote switch to turn on the connected lamp or appliance.
- **Turning Off:** Press the "OFF" button on the remote switch to turn off the connected lamp or appliance.
- **Memory Function:** The receiver is equipped with a memory function. If power is interrupted and then restored, the receiver will remember its previous ON/OFF state and return to it.

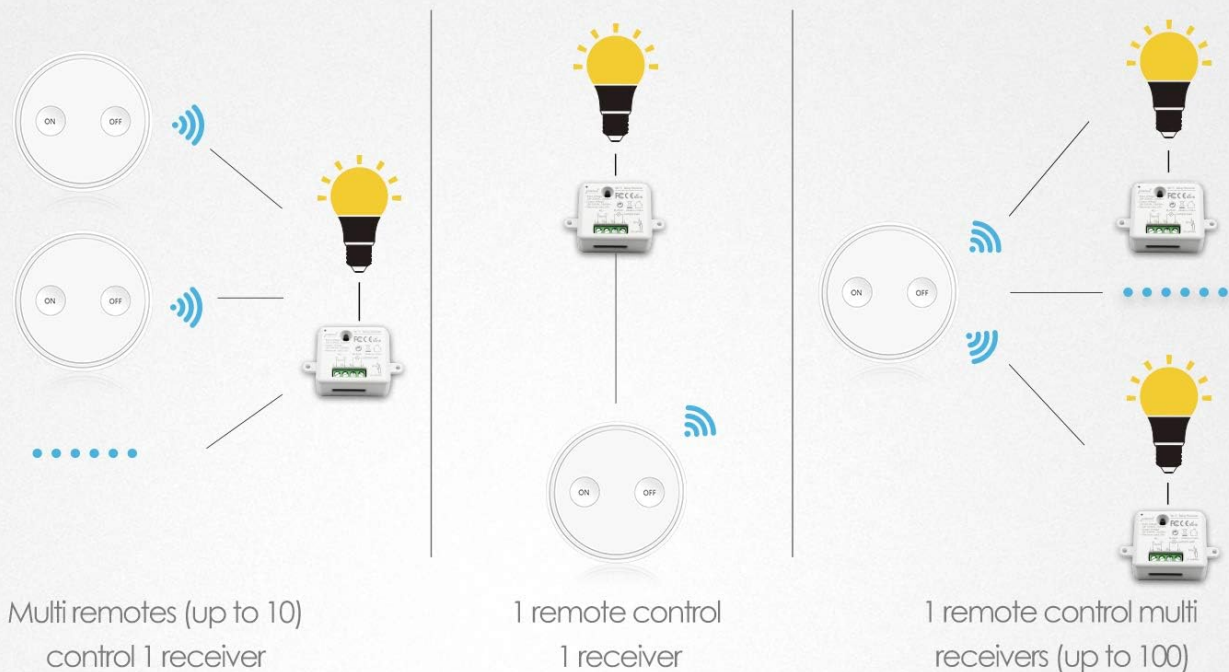
5.1. Flexible Pairing Options

The LoraTap system offers flexible pairing configurations to suit various needs:

- **Multiple Remotes to One Receiver:** Up to 5 remote switches can be paired with a single relay receiver. This allows for

control of one light/appliance from multiple locations (e.g., different entry points to a room).

- **One Remote to Multiple Receivers:** A single remote switch can control up to 20 relay receivers. This enables simultaneous control of multiple lights or appliances with one press (e.g., turning off all lights in a house).
- **Non-Interference:** Each LoraTap kit has a unique ID, ensuring that multiple kits can be used in the same area without signal interference.



OUR PRODUCTS SUPPORT FLEXIBLE PAIRING

NO interference to use several in the same room



Figure 5.1: Flexible Pairing Configurations. This diagram visually explains how multiple remote switches can control a single receiver, how a single remote can control multiple receivers, and confirms that the system supports flexible pairing without interference, even when multiple units are used in the same space.

6. MAINTENANCE

The LoraTap Wireless Lights Switch Kit requires minimal maintenance.

- **Cleaning:** Wipe the remote switch and receiver with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** The remote switch uses a CR2032 battery with an estimated lifetime of up to 10 years. If the remote's indicator light does not illuminate or its range decreases significantly, it may be time to replace the battery. Use the

included screwdriver to open the remote and replace the battery, ensuring correct polarity.

7. TROUBLESHOOTING

If you encounter issues with your LoraTap Wireless Lights Switch Kit, please refer to the following common solutions:

Problem	Possible Cause	Solution
Light/Appliance does not respond to remote.	<ul style="list-style-type: none">No power to receiver.Remote battery is low or dead.Receiver and remote are out of range.Incorrect wiring.Receiver is connected to a dimmer.	<ul style="list-style-type: none">Check power supply to the receiver.Replace the CR2032 battery in the remote.Move closer to the receiver.Verify wiring connections according to Section 4.1.Ensure the receiver is not connected to a dimmer switch.
Remote indicator light does not illuminate.	<ul style="list-style-type: none">Remote battery is dead or incorrectly installed.	<ul style="list-style-type: none">Replace the CR2032 battery, ensuring correct polarity.
Interference with other wireless devices.	<ul style="list-style-type: none">Rare, as each unit has a unique ID.	<ul style="list-style-type: none">Ensure no other 915MHz devices are causing direct interference.If pairing issues arise, re-pair the remote and receiver (refer to user guide for specific pairing instructions if needed, though typically pre-paired).

8. WARRANTY & SUPPORT

8.1. Warranty Information

LoraTap provides a manufacturer warranty for **2 years** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

8.2. Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact LoraTap customer support. Refer to the contact information provided on the product packaging or the official LoraTap website. You can also visit the official LoraTap store on Amazon for more information and support:[LoraTap Amazon Store](#).



	<p>Loratap Wireless Outlet User Guide: Installation, Operation, and Troubleshooting</p> <p>Comprehensive user guide for Loratap wireless outlets (models SP511Q1, SP7512Q1, SP7513Q1). Learn about installation, operation, pairing, troubleshooting, and safety warnings for your smart home devices.</p>
	<p>LoraTap SC500W Roller Shutter Module User Guide and Installation</p> <p>Comprehensive user guide for the LoraTap SC500W Roller Shutter Module, covering installation, wiring, setup with the Smart Life app, and troubleshooting for smart home automation.</p>
	<p>Loratap Wireless Socket User Guide - SP511Q2-US-V3, SP512Q2-US-V3</p> <p>User guide for the Loratap Wireless Socket models SP511Q2-US-V3 and SP512Q2-US-V3. Includes installation, pairing, troubleshooting, and technical specifications.</p>
	<p>LoraTap SC500W Smart Curtain Switch Installation Guide & Wiring Diagrams</p> <p>Detailed installation guide and wiring instructions for the LoraTap SC500W smart curtain switch module. This document covers installation cautions, wiring for standard blinds and blinds with built-in drivers, and options for use without a physical manual switch, ensuring proper AC power connection for smart home automation.</p>
	<p>LoraTap SC420W-EU Smart Curtain Switch Installation Guide</p> <p>Detailed installation instructions for the LoraTap SC420W-EU Smart Curtain Switch, compatible with Tuya Smart Life, Google Home, and Alexa voice assistants for controlling roller shutter electric motors.</p>
	<p>Tuya ZigBee Remote User Guide - LoraTap Installation and Pairing</p> <p>Comprehensive user guide for the LoraTap Tuya ZigBee Remote. Includes installation instructions, pairing steps with ZigBee hubs, troubleshooting tips, and product specifications. Model numbers: SS6100ZB, SS6200ZB, SS600ZB, SS6400ZB, SS7100ZB, SS7200ZB, SS7300ZB, SS9100ZB-YA, SS9200ZB-YA, SS9300ZB-YA, SS9400ZB-YA, SS9600ZB.</p>