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› Linptech Self-Powered Wireless Light Switch and Receiver Kit Instruction Manual

linptech K4R+R2

Linptech Self-Powered Wireless Light Switch and Receiver Kit

Model: K4R+R2 | Brand: Linptech

INTRODUCTION

The Linptech Self-Powered Wireless Light Switch and Receiver Kit provides a modern, convenient, and environmentally friendly solution for controlling your home's lighting and fan systems. This innovative system eliminates the need for batteries and complex wiring, offering a flexible and easy-to-install alternative to traditional switches. By converting kinetic energy from a simple press into an electrical signal, the switch communicates wirelessly with the receiver, allowing for seamless control of various electrical loads.

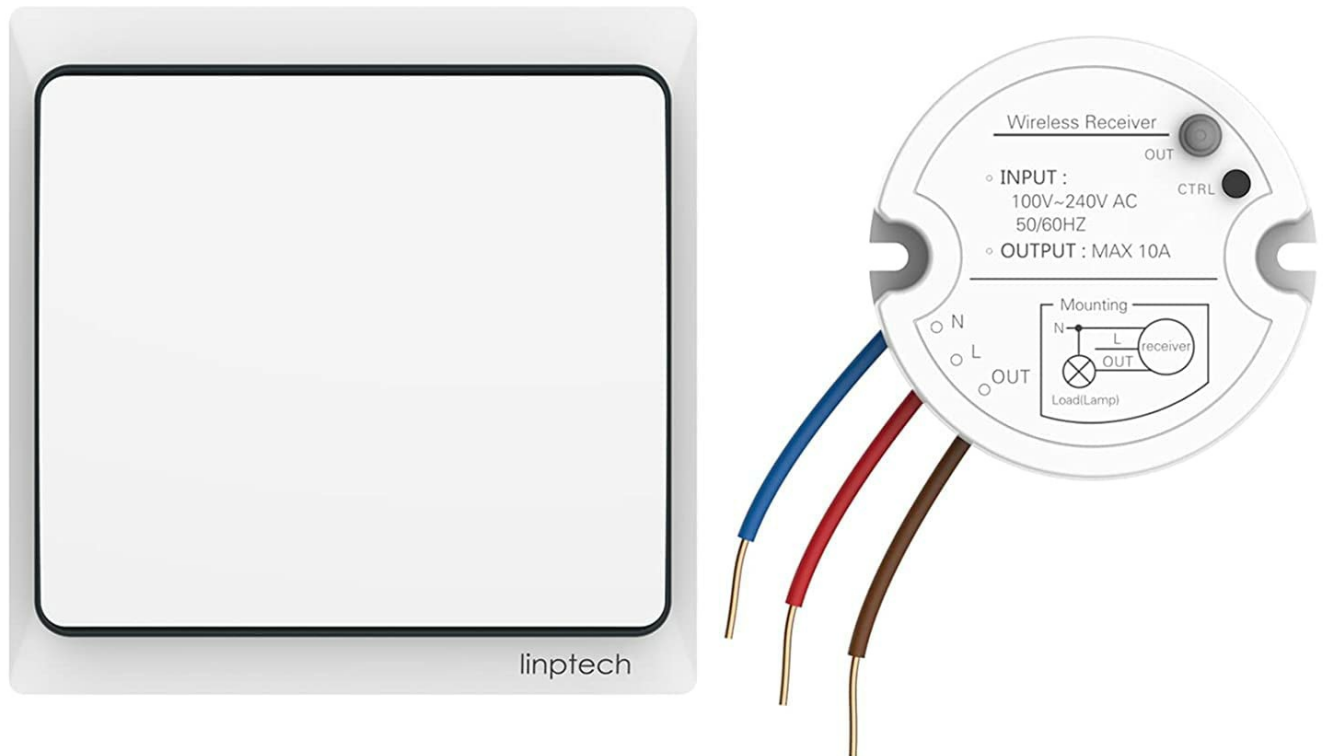


Image: The Linptech wireless light switch and its compact receiver unit.

PRODUCT FEATURES

- **Self-Powered Operation:** The wireless switch generates its own power from the kinetic energy of pressing the button, eliminating the need for batteries and ensuring maintenance-free operation.
- **Wireless and Wire-Free Installation:** No new wiring is required for the switch, allowing for flexible placement anywhere within the signal range. This avoids the need to break walls or run new cables.
- **Easy Installation:** The compact receiver can be easily integrated into existing electrical boxes, canopies, or junction boxes. The switch can be mounted with adhesive tape or screws.
- **Expandable System:** One receiver can be paired with up to 10 wireless switches, enabling multi-location control for a single light or device. Conversely, one switch can control multiple receivers.
- **Strong Signal Range:** Provides reliable signal transmission through walls, with an effective range of up to 150 feet indoors and 250 feet outdoors.
- **Wide Compatibility:** Suitable for controlling various lighting types including LED, halogen, fluorescent lamps, as well as

ceiling fans and other electrical appliances.

- **Durable and Safe:** Designed for 100,000 presses, IP55 waterproof rating for safe use in damp environments, and certified by FCC, RoHS, CE, CQC.

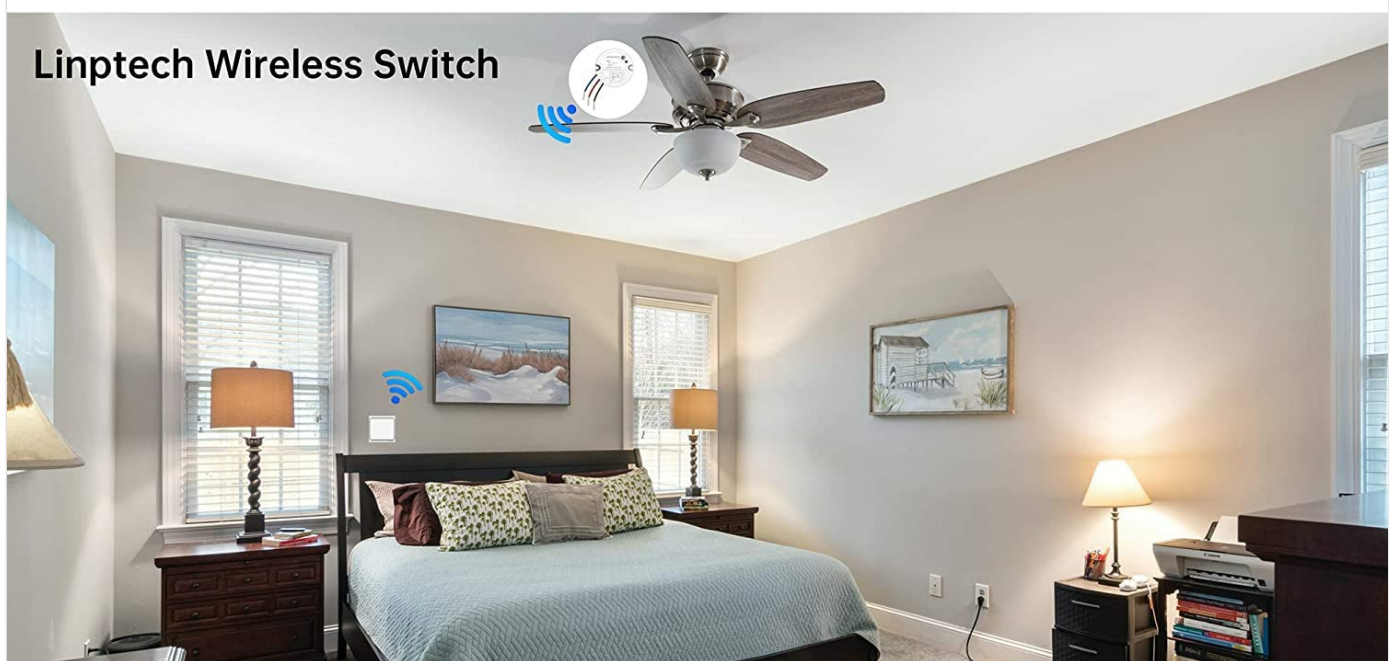
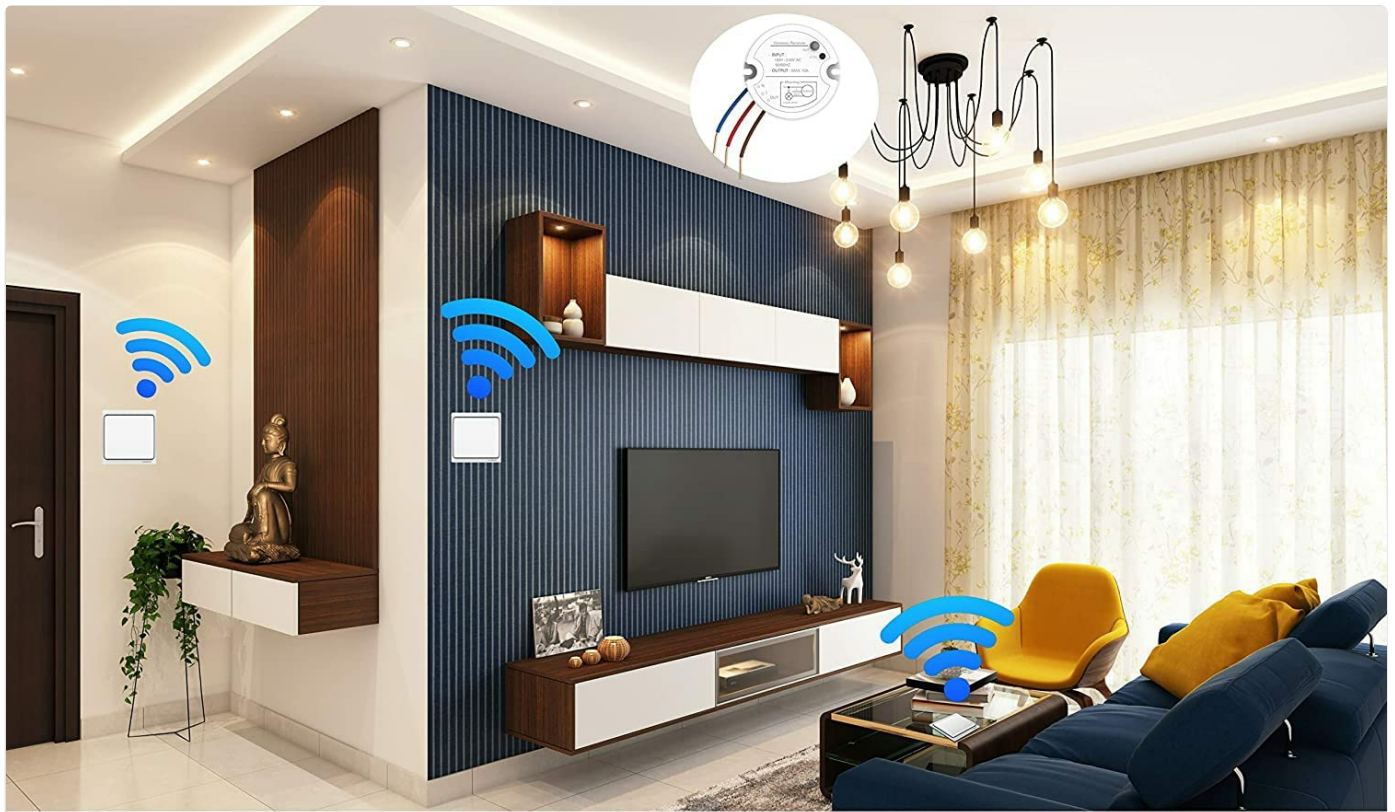


Image: Illustrates the simplicity of Linptech wireless switch installation compared to traditional wired switches.



- **The Self-powered wireless switch does not need battery power**
- **No in-wall wiring required**
- **Can be installed anywhere, or placed/moved at will**
- **200 Feet Remote Control Range**

Image: Highlights key benefits including no battery, no in-wall wiring, flexible placement, and 200 feet remote control range.

PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x Self-Powered Wireless Light Switch
- 1 x Mini Receiver
- 1 x 3M Adhesive Tape

SETUP INSTRUCTIONS

Follow these steps to install your Linptech Wireless Light Switch and Receiver Kit:

1. Receiver Installation:

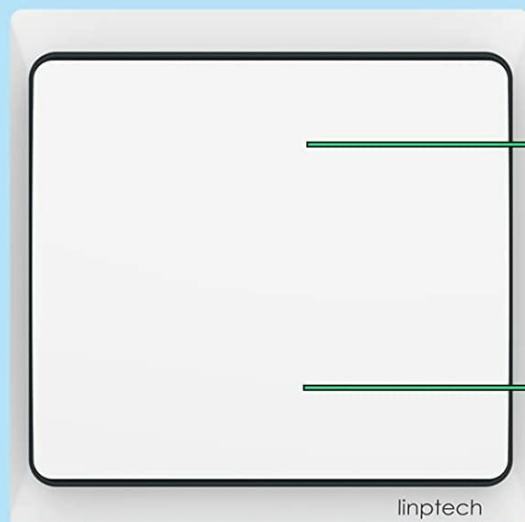
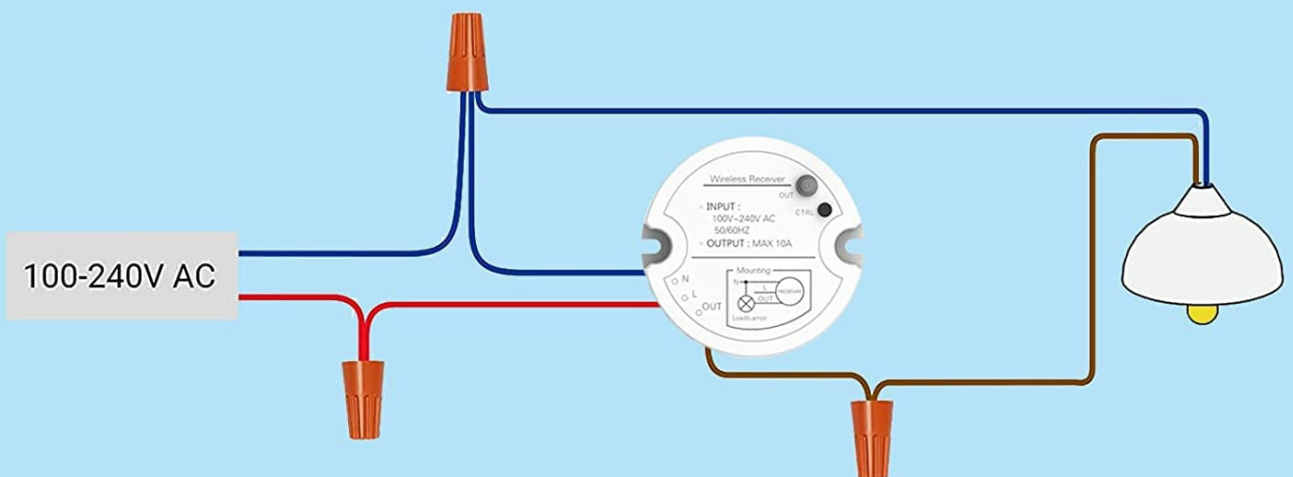
- Ensure the power supply to the circuit is turned OFF at the main breaker before beginning installation.

- Connect the mini receiver between the 100-240V AC power supply and the lighting equipment (lamp/load). The receiver has input (L, N) and output (L, N) terminals. Refer to the wiring diagram below.
- The compact receiver is designed to fit easily into standard electrical boxes such as rose/canopy, junction boxes, or switch boxes.

2. Switch Placement:

- Once the receiver is wired, you can place the wireless switch anywhere you desire within the effective range.
- Use the provided 3M adhesive tape to mount the switch to a clean, dry surface, or use screws for a more permanent fixture.
- No batteries or wiring are needed for the switch itself.

The Receiver is Wired Between The Power and Lamp



Click top to turn on the light

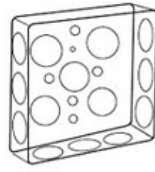
Click down to turn off the light

Image: Detailed wiring diagram showing how to connect the receiver between the power source and the lamp.

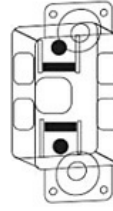
Compact receiver easily fits into wiring boxes



Rose/Canopy



Junction Box



Switch Box



Image: Illustrates how the compact receiver can be installed in rose/canopy, junction boxes, and switch boxes.

Install / Placed Anywhere

No Battery Needed

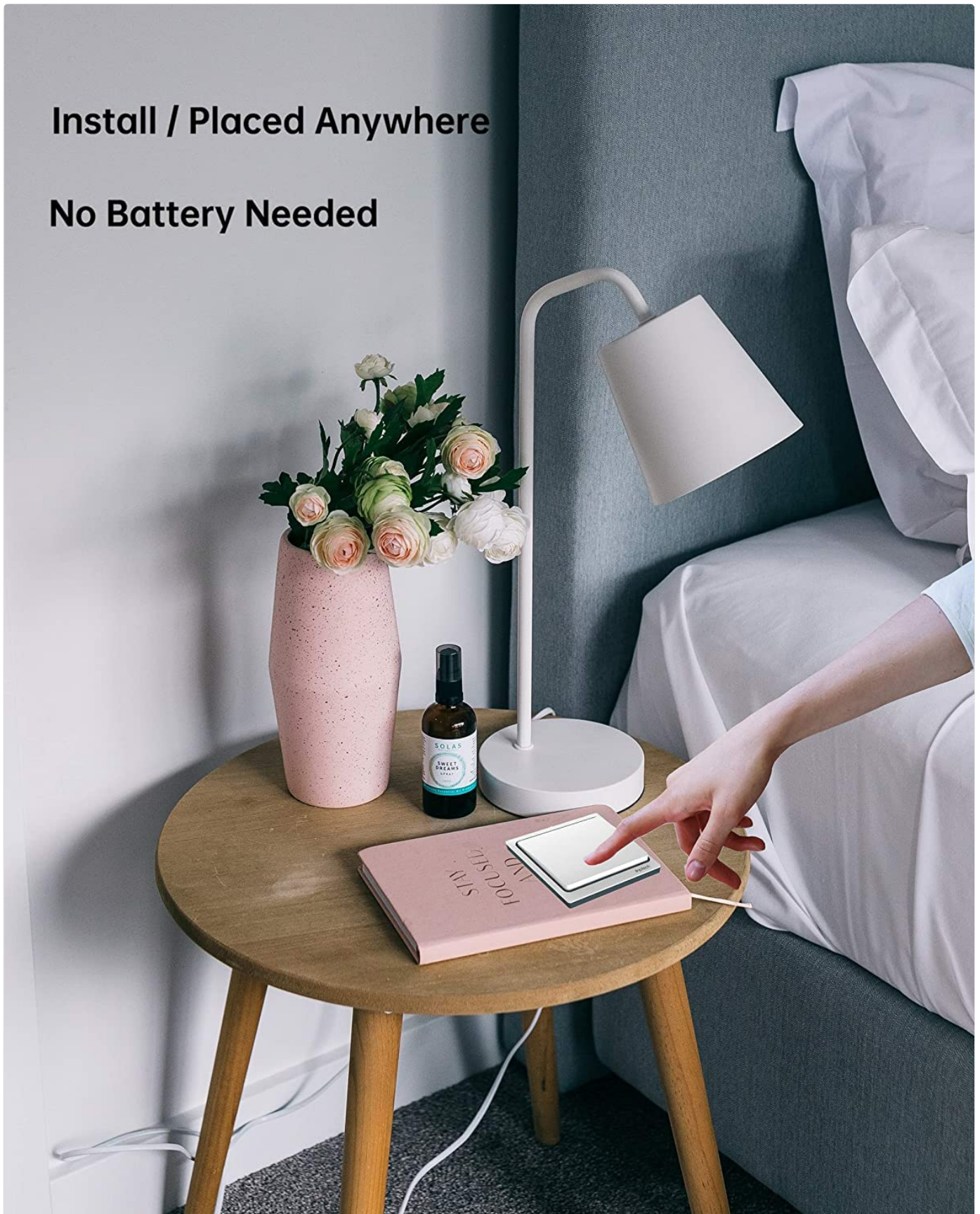


Image: Example of the wireless switch being placed on a bedside table, demonstrating its portability and no-battery feature.

OPERATING INSTRUCTIONS

Using your Linptech Wireless Light Switch is straightforward:

- **Turning On/Off:** Simply press the top part of the switch to turn the light ON, and press the bottom part to turn the light OFF. The kinetic energy from your press powers the signal transmission.

- **Pairing Additional Switches/Receivers:**

- To pair an additional switch to an existing receiver: Press and hold the pairing button on the receiver until its indicator light flashes. Then, press the wireless switch you wish to pair. The indicator light will stop flashing, confirming successful pairing.
- To pair an additional receiver to an existing switch: Follow the receiver's specific pairing instructions, typically involving a pairing mode on the receiver and then activating the switch.

- **Flexible Control Options:** The system supports various control configurations:

- One switch controlling one light.
- Multiple switches controlling one light (e.g., 3-way or multi-way control).
- One switch controlling multiple lights (each with its own receiver).

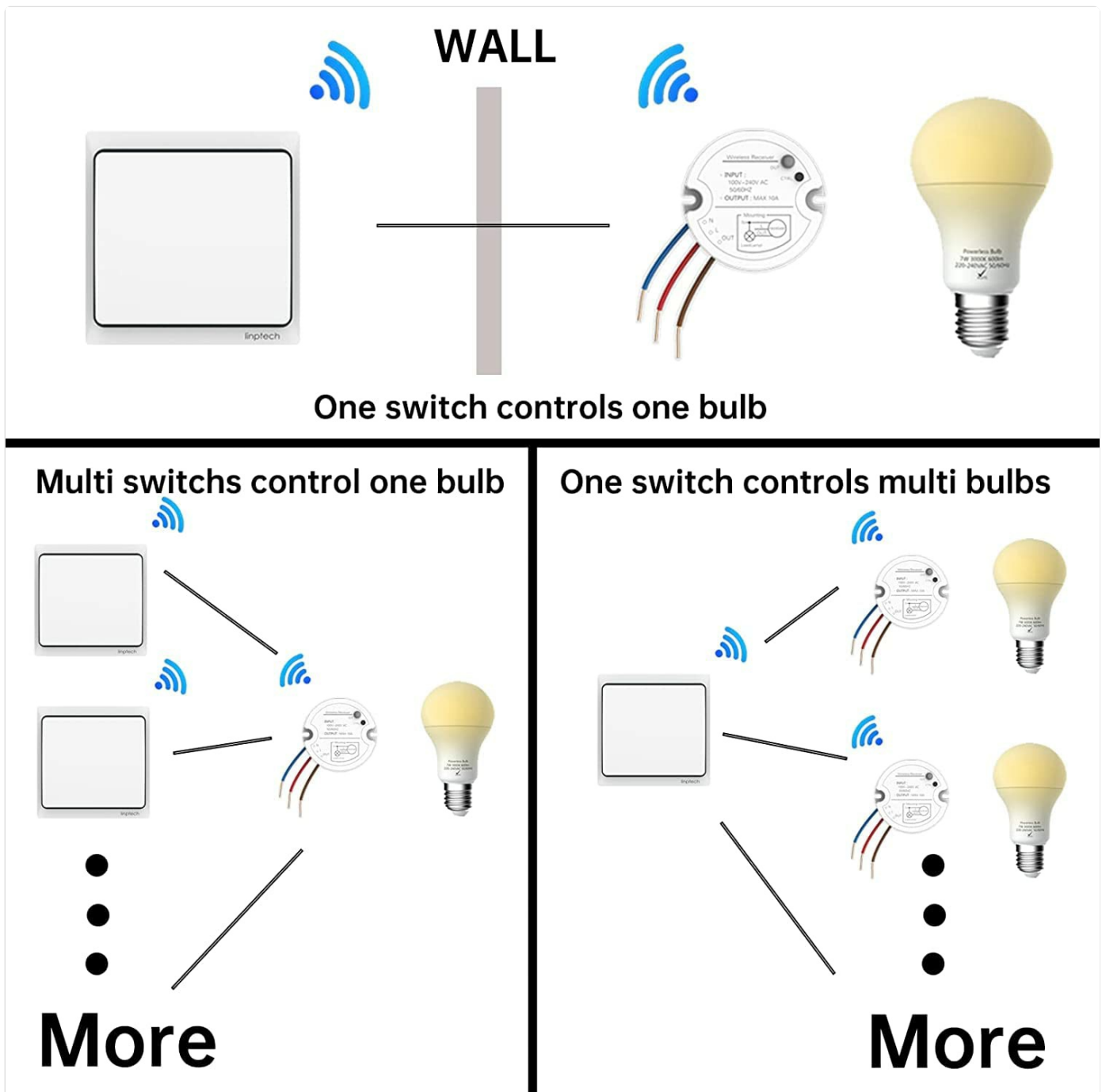


Image: Demonstrates how one switch can control one bulb, multiple switches can control one bulb, and one switch can control multiple bulbs.

Video: An official product video demonstrating the installation and operation of the Linptech wireless light switch system.

The Linptech Self-Powered Wireless Light Switch and Receiver Kit requires minimal maintenance due to its battery-free and durable design.

- **Cleaning:** Wipe the surface of the switch and receiver with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Environmental Conditions:** While the switch is IP55 waterproof, avoid prolonged exposure to extreme temperatures or direct water immersion. The operating temperature range is -5°F to +130°F (-20°C to +55°C).
- **No Battery Replacement:** As the switch is self-powered, there is no need for battery checks or replacements.

TROUBLESHOOTING

If you encounter issues with your Linptech Wireless Light Switch and Receiver Kit, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn ON/OFF when switch is pressed.	Receiver not powered, receiver not paired with switch, switch out of range, faulty wiring.	Check power to receiver. Re-pair switch and receiver. Ensure switch is within effective range. Verify wiring connections to receiver.
Intermittent control.	Interference from other wireless devices, switch too far from receiver, physical obstructions.	Relocate switch closer to receiver. Minimize obstructions between switch and receiver. Check for strong sources of wireless interference.
Switch feels loose or doesn't click properly.	Improper mounting, internal mechanism issue.	Ensure switch is securely mounted. If issue persists, contact customer support.

SPECIFICATIONS

Specification	Detail
Model Number	K4R+R2
Operation Mode	ON-OFF
Operating Voltage	110-240 Volts AC
Max Output Current	10A
Contact Type	Normally Open
Circuit Type	3-way / Multi-ways compatible
Actuator Type	Push Button
Product Dimensions (Switch)	Approx. 3.3 x 3.3 inches
Product Dimensions (Receiver)	Approx. 2.7 x 3.3 inches
Weight	3.53 ounces (total kit)
Operating Temperature	-5°F to +130°F (-20°C to +55°C)
Waterproof Rating (Switch)	IP55

Specification	Detail
Certifications	FCC, RoHS, CE, CQC
Manufacturer	Wuhan Linptech Co., Ltd

WARRANTY INFORMATION

Linptech offers a **12-month after-sales guarantee** for this product. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For any questions, technical assistance, or warranty claims, please contact Linptech customer service. We are committed to providing friendly 24-hour customer service to ensure your satisfaction.

You can visit the official Linptech store on Amazon for more information and contact options: [Linptech Amazon Store](#)

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