

Thinkbee SW-SK1&R01

Thinkbee Wireless Lights Switch Kit User Manual

Model: SW-SK1&R01

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Thinkbee Wireless Lights Switch Kit. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

The Thinkbee Wireless Lights Switch Kit offers a convenient solution for controlling lighting fixtures without the need for complex wiring. It features a wireless switch and a mini receiver, designed for ease of installation and reliable performance.

PRODUCT COMPONENTS

The Thinkbee Wireless Lights Switch Kit includes the following items:

- 1 x Wireless Switch
- 1 x Mini Receiver
- 2 x Adhesive Rubbers



Image: The Thinkbee Wireless Switch (left) and its Mini Receiver (right) with wiring. The switch is a white rectangular unit, and the receiver is a smaller white unit with red, blue, and brown wires extending from it.

Safety Information

Observe the following safety precautions:

- Ensure power is disconnected before any installation or wiring.
- Do not exceed the maximum integrated power of 1000W.
- The product is IP66 waterproof, suitable for damp locations, but avoid full submersion unless specified.
- The switch is made of flame-retardant PC material for enhanced safety.
- Operating voltage range is AC 80V-275V.

Waterproof Rate: IP66

Water and wet proof,
prolong product durability



Image: A white Thinkbee wireless switch partially submerged in a bowl of water, demonstrating its IP66 waterproof rating.
A green plant is visible in the background.

Comfort hand touch

High temperature flame retardation Safe to Use

Flame retardation PC material, additive UV protection, deformation and discoloration resistance cover panel



Image: A hand holding a lit lighter near the edge of a white Thinkbee wireless switch, illustrating its high temperature flame retardation and safe-to-use PC material.

SETUP AND INSTALLATION

Follow these steps for proper installation of your Thinkbee Wireless Lights Switch Kit.

1. Receiver Installation

The mini receiver should be installed between the device to be controlled (e.g., light fixture) and the power supply. Ensure the power is OFF before wiring.

- Connect the input wires of the receiver to your AC 80V-275V power source.
- Connect the output wires of the receiver to your lighting fixture or other electrical load.
- The receiver is compact and designed to fit easily into control boxes, canopies, distribution boxes, or electrical boxes.

One Switch Controls a Group of Lights

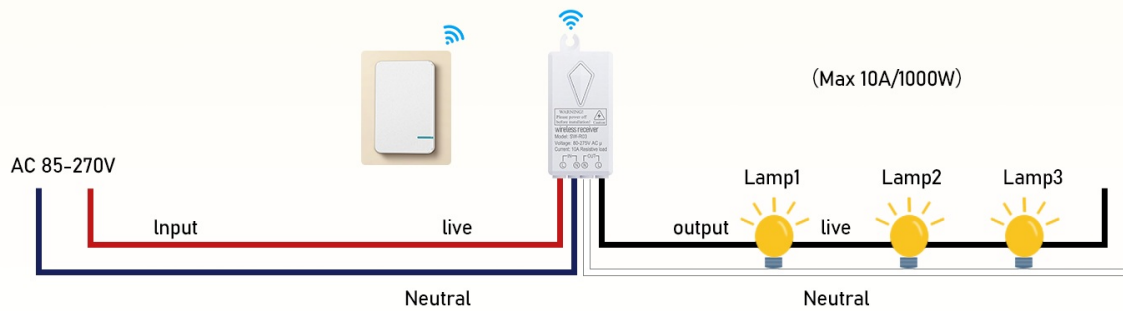


Image: A wiring diagram showing how to connect the Thinkbee wireless receiver. It illustrates the AC 85-270V input connected to the receiver, and the receiver's output connected to multiple lamps (Lamp1, Lamp2, Lamp3), with a maximum load of 10A/1000W. Live and Neutral connections are clearly marked.

2. Wireless Switch Setup

The wireless switch does not require wiring and can be mounted using adhesive or screws.

1. **Disassemble the panel:** Gently pry open the switch panel to access the battery compartment.
2. **Insert the CR2032 3V battery:** Place the included CR2032 battery into the designated slot, ensuring correct polarity.
3. **Close the cover:** Securely reassemble the switch panel.
4. **Mounting Options:**
 - **Adhesive Patch Mounting:** Clean the desired surface thoroughly. Peel off the backing from the adhesive rubbers and firmly press the switch onto the surface.
 - **Screw Mounting:** Use appropriate screws to secure the switch base to the wall or desired location.

Easy to Set Up

Before Installation

A Adhesive Patch Mounting



1 Disassemble the panel



B Screw Mounting



2 Insert the CR2032 3V battery and close the cover



Image: A step-by-step visual guide for setting up the Thinkbee wireless switch. It shows disassembling the panel, inserting the CR2032 battery, and two mounting options: adhesive patch mounting and screw mounting.

OPERATION

Once installed, the Thinkbee Wireless Lights Switch Kit is ready for use.

- Simply press the wireless switch to turn your connected lights or appliances ON or OFF.
- The system offers a strong signal, capable of penetrating walls, with an effective range of up to 328ft indoors and 1969ft outdoors (in open space).

Long Range Remote Control Permeable Signal

Empty space \approx 500 meters; Indoor \approx 100 meters
(with obstacle objects)



Image: A person holding the Thinkbee wireless switch outdoors, with a house and garden in the background, illustrating the long-range remote control capability (approx. 500 meters in empty space, 100 meters indoors with obstacles).

MULTI-MATCHING AND PENETRATION

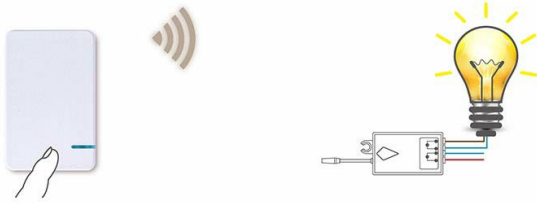
The Thinkbee Wireless Lights Switch Kit offers flexible pairing options:

- **One Switch Controls One Receiver:** A single wireless switch can control one receiver.
- **Multiple Switches Control One Receiver:** Up to 8 wireless switches can be paired with a single receiver, allowing multiple control points for one lighting fixture or group of fixtures.
- **One Switch Controls Multiple Receivers:** A single wireless switch can also be paired to control multiple receivers, allowing one switch to control several different lights or groups of lights.

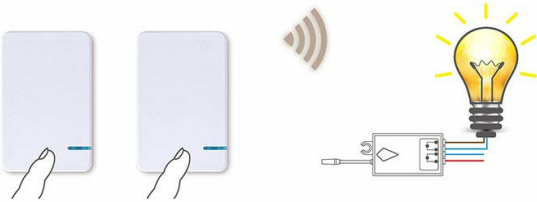
Refer to the program diagram for visual representation of these configurations:

Program Diagram:

(A) 1 single switch controls 1 receiver



(B) 2 single switches controls 1 receiver



(C) 3 single switches controls 1 receiver



(D) The integrated load of the wireless receiver is 1000W.

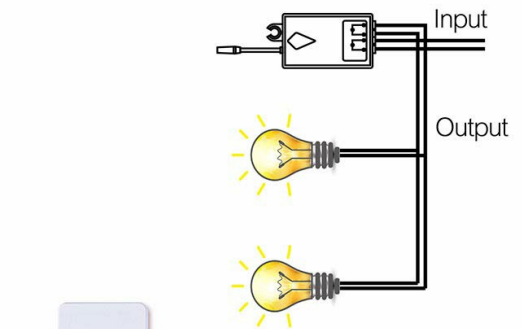


Image: A program diagram illustrating various configurations for the Thinkbee Wireless Switch Kit. (A) shows one switch controlling one receiver. (B) shows two switches controlling one receiver. (C) shows three switches controlling one receiver. (D) shows the integrated load of the wireless receiver (Max 1000W) and notes that lamps can be LED, incandescent, CFLs, exhaust fans, or WiFi devices.

MAINTENANCE

The Thinkbee Wireless Lights Switch Kit is designed for long-term durability with minimal maintenance.

- **Cleaning:** Wipe the switch and receiver with a dry, soft cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** The CR2032 battery in the wireless switch has an estimated life of 6-8 years. Replace the battery when the switch's performance degrades or it stops responding. Follow the "Wireless Switch Setup" steps for battery replacement.
- **Longevity:** The switch button is rated for 600,000 presses, and the receiver for 400,000 operations.

TROUBLESHOOTING

If you encounter issues with your Thinkbee Wireless Lights Switch Kit, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Switch does not control the light.	<ul style="list-style-type: none">• Receiver not powered.• Incorrect wiring.• Switch battery low or dead.• Switch and receiver not paired.	<ul style="list-style-type: none">• Check power supply to the receiver.• Verify wiring connections according to the installation diagram.• Replace the CR2032 battery in the wireless switch.• Refer to the multi-matching section for pairing instructions.
Reduced signal range.	<ul style="list-style-type: none">• Excessive obstacles (thick walls, metal structures).• Interference from other wireless devices.	<ul style="list-style-type: none">• Relocate the receiver or switch to minimize obstructions.• Ensure the receiver's antenna is not obstructed.
Light flickers or does not turn on/off consistently.	<ul style="list-style-type: none">• Load exceeds maximum capacity (1000W).• Loose wiring connection.	<ul style="list-style-type: none">• Ensure total wattage of connected lights/appliances does not exceed 1000W.• Check and secure all wiring connections.

SPECIFICATIONS

Model Number	SW-SK1&R01
Operating Voltage	AC 80V-275V
Maximum Load	1000W (10 Amps)
Indoor Range	Up to 328ft (100 meters)
Outdoor Range	Up to 1969ft (500 meters)
Waterproof Rating	IP66
Switch Battery	1 x CR2032 (included)
Switch Button Life	600,000 times
Receiver Life	400,000 times
Certifications	CE, FCC, RoHS, CQC
Product Dimensions	2.9 x 1.9 x 0.6 inches (Switch); Receiver dimensions are compact for fitting in junction boxes.

WARRANTY AND SUPPORT





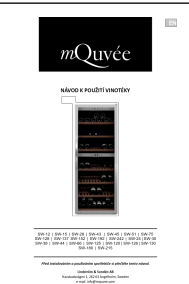

Thinkbee provides a **5-year free replacement service** for this product, demonstrating confidence in its quality and durability.

For any questions, technical assistance, or warranty claims, please contact Thinkbee customer service.

Friendly 24-hour customer service is available.

You can also visit the official Thinkbee store for more information and support: [Thinkbee Store on Amazon](#)

Related Documents - SW-SK1&R01

	<p>Thinkbee Wireless Switch and Receiver User Manual</p> <p>User manual for the Thinkbee Wireless Switch and Receiver Kit, detailing product appearance, installation, pairing, and specifications for controlling lights without wiring or WiFi.</p>
	<p>Thinkbee SW-CK1 Wireless Switch User Manual and Installation Guide</p> <p>Comprehensive user manual for the Thinkbee SW-CK1 Wireless Switch and Receiver kit. Learn about installation, pairing, operation, and specifications for this no-wiring, IP66 waterproof remote control system.</p>
	<p>Thinkbee Wireless Switch and Receiver User Manual</p> <p>User manual for the Thinkbee Wireless Switch and Receiver Kit, detailing product appearance, installation, pairing, and specifications for controlling lights without wiring or WiFi.</p>
	<p>Thinkbee SW-CK1 Wireless Switch User Manual and Installation Guide</p> <p>Comprehensive user manual for the Thinkbee SW-CK1 Wireless Switch and Receiver kit. Learn about installation, pairing, operation, and specifications for this no-wiring, IP66 waterproof remote control system.</p>
	<p>mQuvée Wine Cooler User Manual</p> <p>Comprehensive user manual for mQuvée wine coolers, covering installation, operation, temperature settings, storage, maintenance, and troubleshooting. Includes model information for SW-12 through SW-215.</p>
	<p>Brainboxes Ethernet Switch Range Quick Start Guide</p> <p>Quick start guide for Brainboxes SW range Ethernet switches, covering product overview, accessory items, power specifications, safety information, and company contact details.</p>