

Mengshen MS-WS03_A

Mengshen Wireless Self-Powered Light Switch (Model MS-WS03_A) Instruction Manual

Model: MS-WS03_A

1. PRODUCT OVERVIEW

The Mengshen Wireless Self-Powered Light Switch offers a convenient and efficient solution for controlling lighting fixtures without the need for batteries or complex wiring. This switch generates its own power through kinetic energy when pressed, sending a wireless RF433Mhz signal to a compatible receiver (sold separately or as part of a kit) to toggle lights on or off. Its waterproof and flame-retardant design ensures durability and safety in various environments.

Key Features:

- **Self-Powered Operation:** No batteries or external power required for the switch panel.
- **Wireless RF433Mhz Control:** Reliable signal transmission through walls and doors.
- **Easy Installation:** Simple pairing process and no rewiring needed for the switch panel.
- **Durable and Safe:** Constructed from V2 flame-retardant materials and IP44 waterproof rated.
- **Versatile Control:** Capable of controlling multiple devices or being controlled by multiple switches.

2. SETUP AND INSTALLATION

This section outlines the steps for installing and pairing your Mengshen Wireless Self-Powered Light Switch with a compatible receiver.

2.1 Receiver Installation (If applicable, receiver sold separately)

The receiver connects directly to your lighting fixture's power supply. Ensure power is off before installation.

1. **Disconnect Power:** Turn off the main power supply to the light fixture at the circuit breaker.
2. **Connect Receiver:** Connect the receiver's live wire to the live wire of your light fixture and the receiver's neutral wire to the neutral wire of your light fixture. Refer to the receiver's specific wiring diagram for detailed instructions.
3. **Secure Receiver:** Mount the receiver securely within the electrical box or fixture housing.

4. **Restore Power:** Turn the main power supply back on.

2.2 Switch Panel Installation

The switch panel does not require wiring and can be mounted on any flat surface.

1. **Choose Location:** Select a desired location for your switch panel. Ensure the surface is clean and dry.
2. **Mount Switch:** Use the adhesive backing or screws (not included) to securely attach the switch panel to the wall or desired surface.



Image: The Mengshen Wireless Light Switch mounted on a wall in a modern living room setting.



Image: The Mengshen Wireless Light Switch button detached from its mounting base, showing the two main components.

2.3 Pairing the Switch with the Receiver

Follow these steps to pair your wireless switch with the receiver:

1. **Enter Pairing Mode:** Within 1 minute of powering on the receiver, press and hold the pairing button on the receiver for 3 seconds. The indicator light on the receiver will turn on continuously, indicating it is in pairing mode.
2. **Activate Switch:** While the receiver is in pairing mode, press the wireless switch button twice.
3. **Confirmation:** The indicator light on the receiver will flash, confirming successful pairing.

Note: If pairing is unsuccessful, ensure the receiver is powered on and within range, then repeat the steps.

3. OPERATING INSTRUCTIONS

Once paired, operating the Mengshen Wireless Self-Powered Light Switch is straightforward.

3.1 Basic Operation

- **Turning On/Off:** Simply press the switch button. The kinetic energy generated by the press sends a signal to the paired receiver, which then toggles the connected light fixture.



Image: A detailed view of the Mengshen Wireless Light Switch button, showing its circular design and light icon.

3.2 Multi-Switch / Multi-Receiver Control

The system supports flexible configurations:

- **Multiple Switches for One Receiver:** You can pair multiple wireless switch panels to a single receiver. This allows you to control the same light fixture from different locations (e.g., at the top and bottom of a staircase, or multiple entry points to a room). To do this, repeat the pairing steps (Section 2.3) for each additional switch.
- **One Switch for Multiple Receivers:** A single wireless switch can also be paired with multiple receivers to control several light fixtures simultaneously. Repeat the pairing steps (Section 2.3) for each receiver you wish to control with the same switch.

4. MAINTENANCE

The Mengshen Wireless Self-Powered Light Switch is designed for minimal maintenance due to its self-powered and

durable construction.

- **Cleaning:** Wipe the switch panel with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Waterproof Design:** The switch is IP44 waterproof rated, making it suitable for damp environments like bathrooms and courtyards. It is resistant to splashes but not designed for submersion.
- **No Battery Replacement:** As the switch is self-powered by kinetic energy, there is no need for battery replacement.
- **Flame-Retardant Materials:** The V2 flame-retardant materials contribute to the product's longevity and safety.



Image: The Mengshen Wireless Light Switch on a tiled wall, with water running over it, highlighting its waterproof capability.

Fire-retardant materials



Image: The Mengshen Wireless Light Switch depicted with flames, emphasizing its construction from fire-retardant materials.

5. TROUBLESHOOTING

If you encounter issues with your Mengshen Wireless Self-Powered Light Switch, refer to the following common problems and solutions.

- **Light does not respond to switch presses:**
 - Ensure the receiver is properly installed and powered on.
 - Verify that the switch and receiver are paired correctly. Refer to Section 2.3 for pairing instructions.
 - Check the distance between the switch and the receiver. While designed for strong signals, extreme distances or multiple thick obstructions may affect performance.
 - Confirm the light fixture itself is functional and not faulty.
- **Switch controls the wrong light or multiple lights unexpectedly:**
 - This indicates incorrect pairing. You may need to clear the pairing and re-pair the switch with the

intended receiver(s).

• **Clearing Pairing Information:**

If you need to reset the pairing for a receiver, follow these steps:

1. Ensure the receiver is powered on.
2. Press and hold the pairing button on the receiver until the indicator light turns on continuously and then flashes 3 times. This confirms that all previously paired switches have been cleared from the receiver's memory.
3. You can now re-pair the desired switch(es) following the steps in Section 2.3.

6. SPECIFICATIONS

Technical details for the Mengshen Wireless Self-Powered Light Switch and compatible receiver.

Feature	Specification
Brand	Mengshen
Model Number	MS-WS03_A
Power Source	Kinetic Energy Self-Generation (Switch)
Wireless Frequency	433.92MHz (RF433Mhz)
Switch Dimensions (L x W x H)	86 x 86 x 16.5 mm (3.39 x 3.39 x 0.65 inches)
Receiver Dimensions (L x W x H)	60 x 42 x 28 mm (Approximate, for compatible receiver)
Wireless Range (Outdoor)	Up to 100 meters (328 feet)
Wireless Range (Indoor)	Up to 30 meters (98 feet)
Receiver Working Voltage	100-240V AC, 50/60Hz
Receiver Maximum Current	10 Amps
Receiver Maximum Load	2200W
Material	Acrylonitrile Butadiene Styrene (ABS), V2 Flame-Retardant
Waterproof Rating	IP44
Operation Mode	ON-OFF
Mounting Type	Wall Mount

Product Size

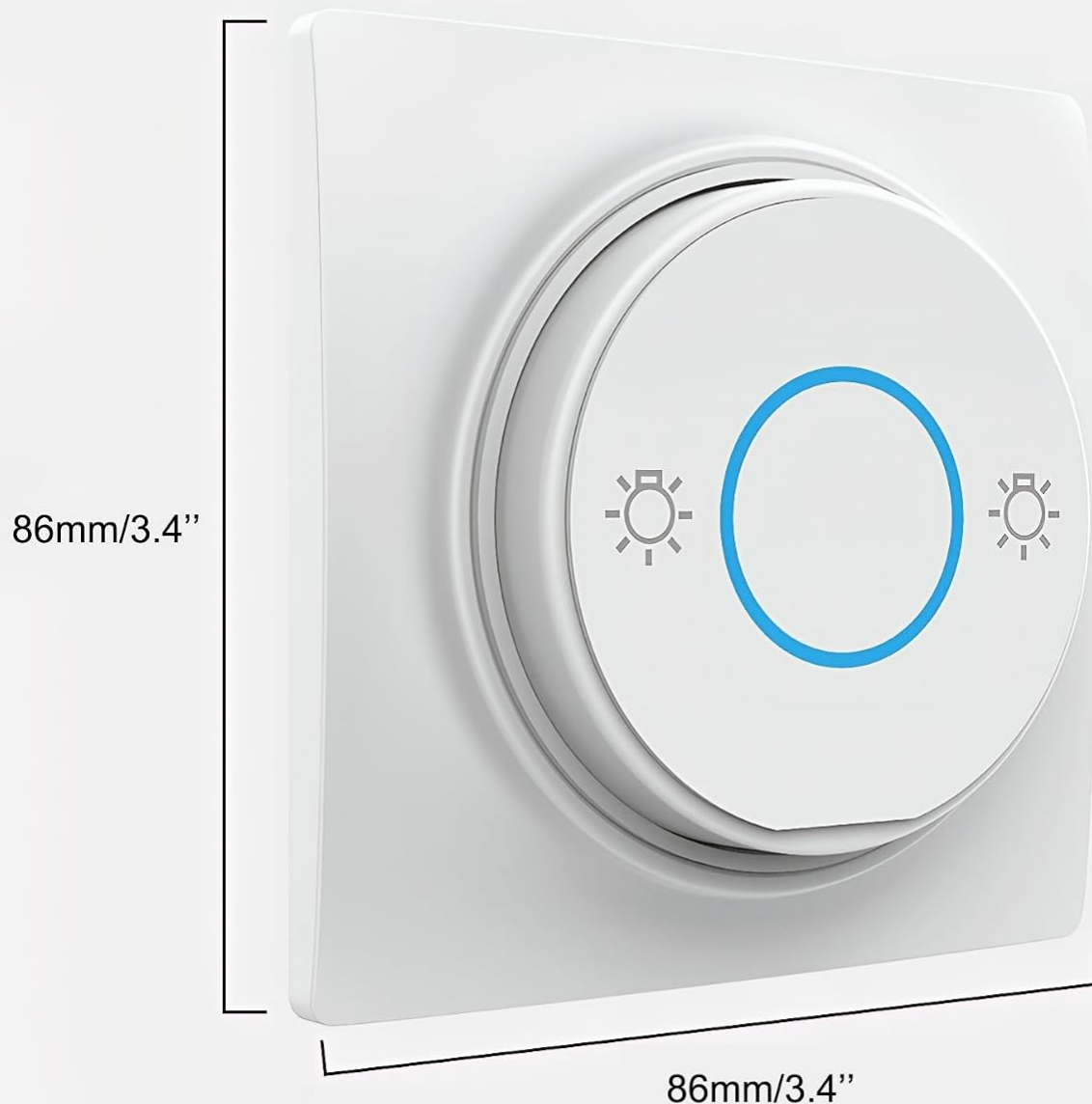


Image: A diagram illustrating the dimensions of the Mengshen Wireless Light Switch, showing it measures 86mm (3.4 inches) by 86mm (3.4 inches).

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