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› eMylo Smart Switch Wireless Remote Control Switch RF Relay Light Switch 433Mhz AC 90-250V 1000W 1 Channel with 2 Transmitters User Manual

OOCOME XL9251RF

eMylo Smart Switch User Manual

Model: XL9251RF

Brand: OOCOME

1. PRODUCT OVERVIEW

The eMylo Smart Switch is a wireless remote control RF relay designed to provide convenient control over your home devices such as lights. It operates on a 433Mhz frequency and supports AC 90-250V input with a maximum load of 10 amps (1000W). This package includes the main switch unit and two remote transmitters, offering a simple and efficient solution for remote power management.



Figure 1: eMylo Smart Switch and included remote transmitters.

Key features include sensitive and stable signal transmission, overvoltage protection for enhanced safety, and a compact design for easy integration. The system utilizes non-directional wireless encoding technology, ensuring independent control without interference.

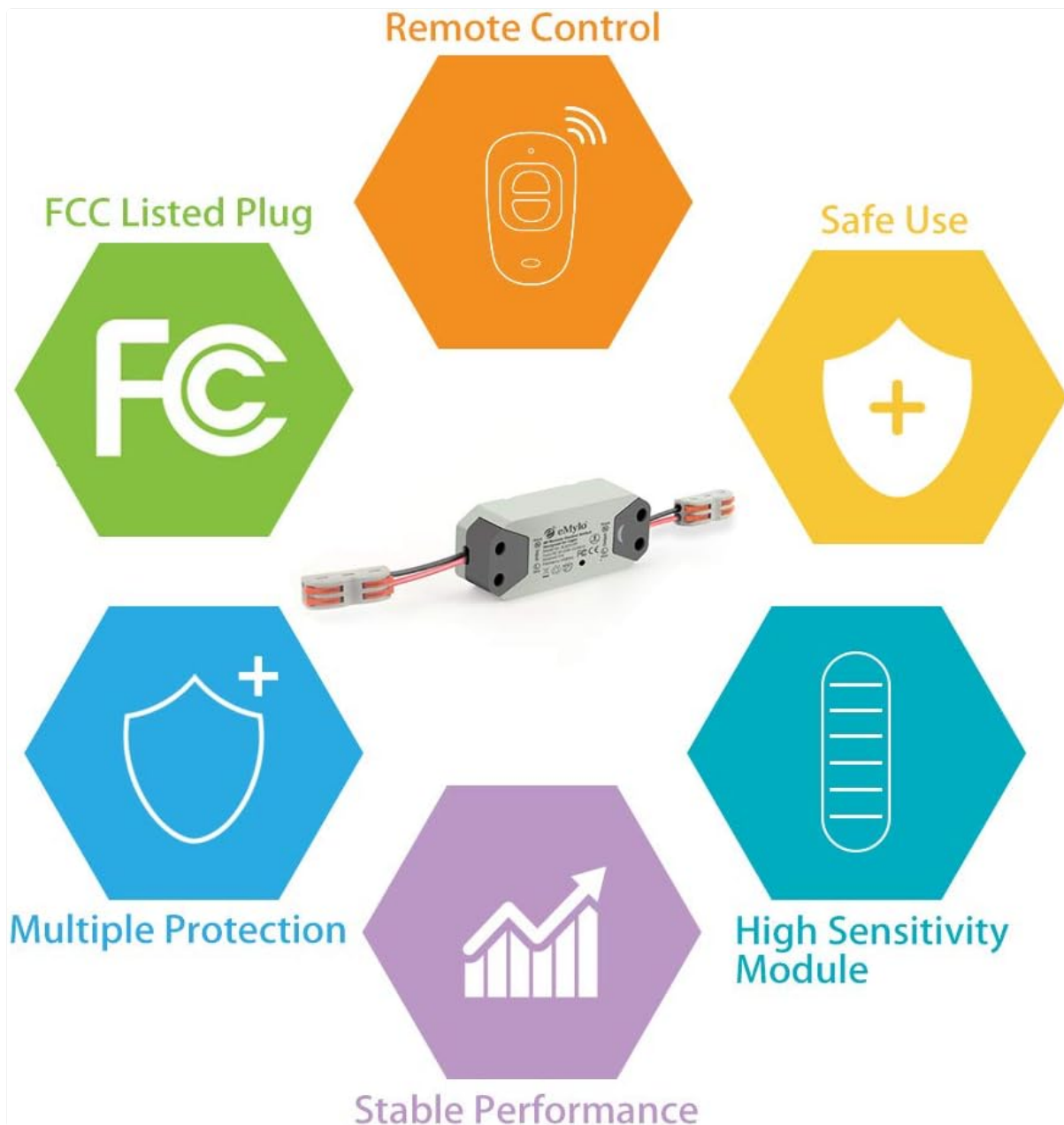


Figure 2: Overview of the eMylo Smart Switch's core features.

2. PACKAGE CONTENTS

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

- 1 x eMylo RF Relay Switch
- 2 x Wiring Clips
- 2 x Transmitters (Remote Controls)
- 1 x User Manual (This document)

3. SAFETY INFORMATION AND IMPORTANT NOTES

For your safety and to ensure proper operation, please read and adhere to the following guidelines:

- **Power Off Before Wiring:** Always ensure the power supply is disconnected before attempting any wiring or installation. Failure to do so can result in electric shock or damage to the device.
- **Load Capacity:** Do not exceed the maximum load current of 10 amps (1000W). Overloading can cause damage to the switch and pose a fire hazard.
- **Intended Use:** The eMylo wireless remote control switch is designed for controlling lights and similar household appliances. It is **not** suitable for motor devices such as motor-driven curtains, roller blinds, garage doors, gate barriers, water pumps, or sprayers.
- **Power Requirement:** The eMylo wireless remote control switch will only function when the wall switch is turned on and the device is energized.
- **Wiring Orientation:** Pay close attention to the input and output terminals of the smart switch. Do not confuse them, and observe the prompts indicated on the device panel.
- **Environmental Conditions:** Operate the device within the specified ambient temperature range of -30°C to 70°C and relative humidity (RH) below 95%.

4. SETUP AND INSTALLATION

The eMylo Smart Switch is designed for minimalist and safe wiring, often taking less than 10 seconds to connect using the provided wiring clips.

Wiring Instructions:

1. **Prepare Wires:** Ensure the power is off. Strip approximately 9-10mm of insulation from the ends of your Live and Null wires from both the power source (AC 90-250V) and the load (e.g., light fixture).
2. **Connect Power Input:** Identify the input side of the eMylo switch (marked 'Input'). Insert the stripped Live wire from your power source into the 'Live line' terminal of one wiring clip, and the Null wire into the 'Null line' terminal of the same clip. Secure the wires by closing the clip lever.
3. **Connect Load Output:** Identify the output side of the eMylo switch (marked 'Output'). Insert the stripped Live wire from your load into the 'Live line' terminal of the second wiring clip, and the Null wire into the 'Null line' terminal of this clip. Secure the wires.
4. **Verify Connections:** Double-check that all wires are securely fastened within the wiring clips and that the input and output connections are correct as per the diagram.

Easy install

Simple and convenient, whole install procedure
only cost less than 10 seconds

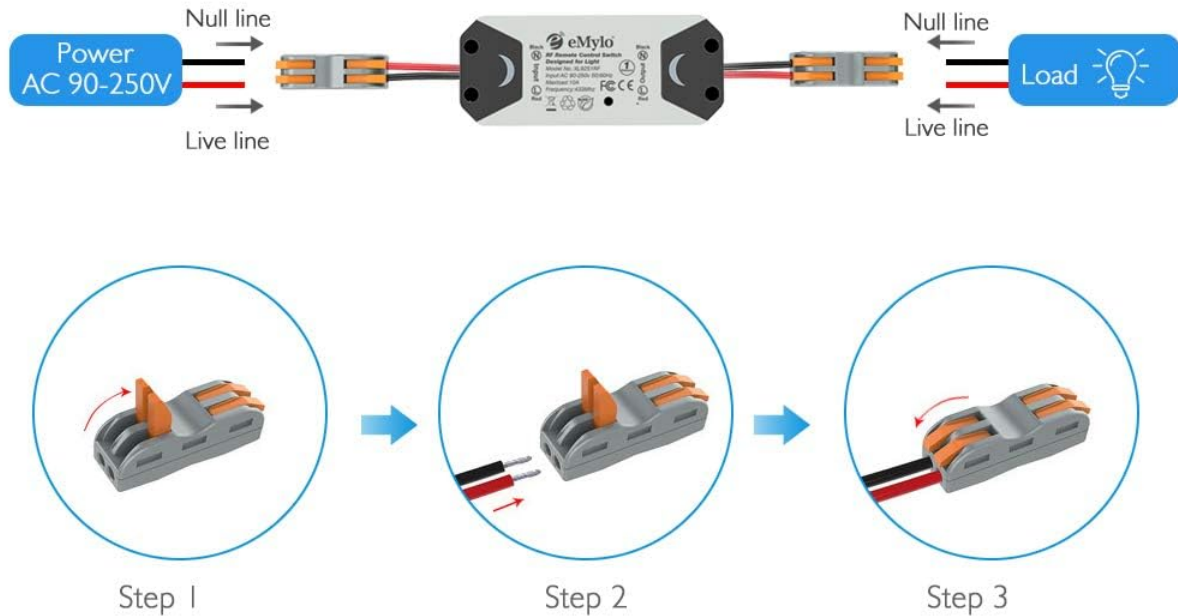


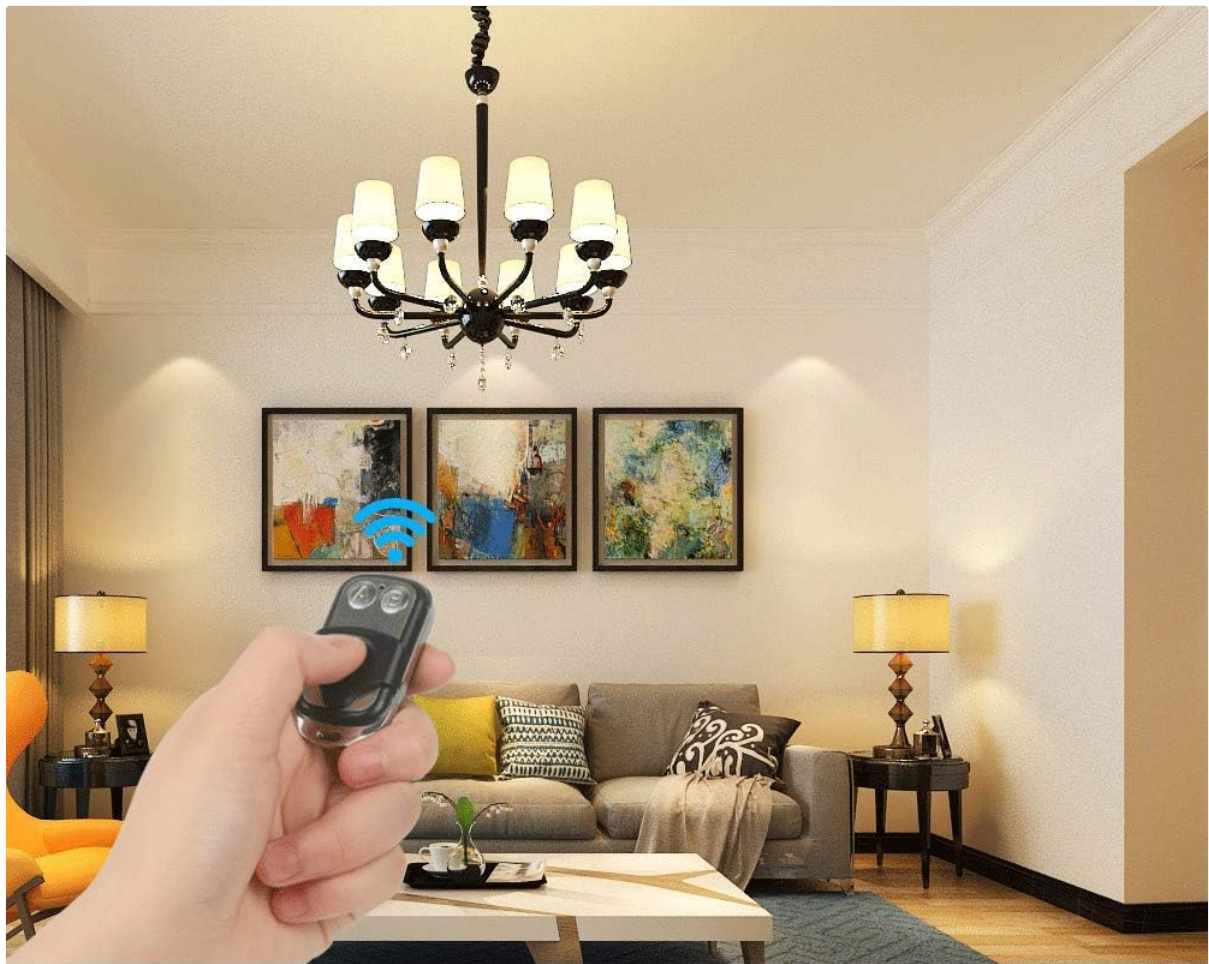
Figure 3: Step-by-step wiring process for the eMylo Smart Switch.

5. OPERATING INSTRUCTIONS

Once the eMylo Smart Switch is correctly installed and powered, you can operate it using the included remote transmitters.

Remote Control Operation:

- Each remote transmitter has two buttons, typically labeled 'A' and 'B'. These buttons control the ON/OFF state of the connected device.
- Pressing one button (e.g., 'A') will turn the connected device ON.
- Pressing the other button (e.g., 'B') will turn the connected device OFF.
- The remote control uses 433Mhz RF technology, allowing it to control the receiver from a distance, even through walls, floors, and doors.



Support RF Control



Figure 4: Demonstrating RF control of a light fixture with the eMylo remote.

Remote Distance:

The effective remote distance is approximately 20-50 meters (barrier-free), depending on environmental factors and obstacles.

Remote Distance 30- 50m



Figure 5: Illustration of the remote control's effective range indoors and outdoors.

Up to 50FT RF Signal

latest RF signal works through doors and walls up to 50ft with-out interfering with other electronics



Figure 6: The RF signal can penetrate walls and floors for extended control range.

6. MAINTENANCE

The eMylo Smart Switch is designed for durability and requires minimal maintenance.

- **Cleaning:** Use a soft, dry cloth to clean the surface of the switch and remote controls. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** The remote transmitters use a 12V 27A battery. If the remote's range decreases or it becomes unresponsive, replace the battery. Refer to the remote's casing for instructions on opening the battery compartment.
- **Environmental Protection:** Keep the device away from excessive moisture, heat, and direct sunlight to ensure its longevity.

7. TROUBLESHOOTING

If you encounter issues with your eMylo Smart Switch, please refer to the following common troubleshooting steps:

- **Device Not Responding:**

- Ensure the main power supply to the switch is ON and energized.
- Check the battery in the remote transmitter. Replace if necessary.
- Verify that the wiring connections are secure and correct (input/output, Live/Null lines).
- Ensure the load (e.g., light bulb) is functioning correctly.

- **Reduced Remote Range:**

- Replace the remote transmitter battery.
- Minimize physical obstructions (thick walls, metal objects) between the remote and the switch.
- Avoid sources of strong electromagnetic interference.

- **Switch Overheating:**

- Immediately disconnect power.
- Check if the connected load exceeds the maximum capacity of 10 amps (1000W). Reduce the load if it does.
- Ensure proper ventilation around the switch.

If the problem persists after following these steps, please contact customer support.

8. TECHNICAL SPECIFICATIONS

Specification	Detail
Model	XL9251RF
Dimensions (L x W x H)	90 x 38 x 25 mm (3.54 x 1.50 x 0.98 inches)
Weight	Approx. 40.82 g
Material	High quality ABS (Flame retardant material)
Input Voltage	AC 90-250V
Max. Load Current	10 Amp
Max. Power	1000W
Channel	One Channel
Frequency	433Mhz
Transmitter Battery Type	12V 27A (included)
Remote Distance	20-50m (Barrier free)

Specification	Detail
Ambient Temperature	-30°C to 70°C
Relative Humidity (RH)	<95%
Certifications	FCC, CE, Rohs

9. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the product packaging or contact the retailer where you purchased the device. For technical support, troubleshooting assistance, or any inquiries regarding your eMylo Smart Switch, please contact OOCOME customer service through the contact information provided on the product packaging or the official OOCOME website.



Figure 7: The eMylo Smart Switch is designed for broad applicability and ease of use for various users.

