LEDLUX SH1901

LEDLUX SH1901 RF 433 MHz Single Channel Remote Control User Manual

Model: SH1901

1. INTRODUCTION

This manual provides comprehensive instructions for the LEDLUX SH1901 RF 433 MHz single-channel remote control. This device is designed to operate electric roller shutters, blinds, and compatible smart LED light switches. Please read this manual carefully before use to ensure proper installation and operation.

2. PRODUCT OVERVIEW

The LEDLUX SH1901 is a compact and elegant remote control featuring a 433 MHz RF frequency for reliable wireless communication. It includes three distinct buttons for intuitive control and comes with a wall mount for convenient storage.

Key Features:

- **RF 433 MHz Frequency:** Ensures stable and responsive control.
- **Single Channel Operation:** Designed to control one electric roller shutter, blind, or smart LED light switch.
- **Three Control Buttons:** Dedicated buttons for 'Up', 'Stop', and 'Down' functions for shutters/blinds. The 'Stop' button also functions as 'On/Off' for light switches.
- **Compact Design:** Dimensions of 109x37x14 mm for comfortable handling.
- **Wall Mount Included:** Provides a convenient storage solution for the remote.
- **Battery Powered:** Operates on a 12V 23A battery (not included) for extended standby time.

Figure 2.1: Front view of the LEDLUX SH1901 remote control, showing its three control buttons and sleek design.

3. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x LEDLUX SH1901 RF 433 MHz Remote Control
- 1 x Wall Mount Holder

Note: A 12V 23A battery is required for operation and is not included in the package.

4. SETUP

4.1 Battery Installation

1. Locate the battery compartment on the back of the remote control.
2. Open the compartment cover.
3. Insert one 12V 23A battery, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

4.2 Pairing with a Device

The remote control needs to be paired with your electric roller shutter, blind, or smart LED light switch. The pairing process is generally straightforward:

1. Ensure your target device (shutter motor or smart switch) is in pairing mode. Refer to the specific instructions

for your device to activate pairing mode.

2. On the LEDLUX SH1901 remote control, press and hold the **'Stop'** button.

3. Observe the indicator light on the remote control and/or the feedback from your target device to confirm successful pairing.

4. Test the remote control's functions to ensure it operates the device correctly.

Figure 4.1: Illustration of the remote control pairing process using RF433 frequency with 1527 encoding.

Figure 4.2: The remote control is compatible with LEDLUX RF curtain switches and curtain switch modules (sold separately).

5. OPERATING INSTRUCTIONS

The LEDLUX SH1901 remote control features three intuitive buttons for controlling your paired device.

5.1 For Electric Roller Shutters/Blinds:

- **Up Button (⟨):** Press to raise the roller shutter or blind.
- **Stop Button ( ):** Press to stop the roller shutter or blind at its current position.
- **Down Button (⟩):** Press to lower the roller shutter or blind.

5.2 For Smart LED Light Switches:

- **Stop Button ( ):** Press to toggle the light switch (turn on/off). The 'Up' and 'Down' buttons are not typically used for light switches.

Figure 5.1: The remote control can operate a single curtain switch, allowing for easy control of roller shutters.

6. MAINTENANCE

- **Cleaning:** Wipe the remote control with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace the 12V 23A battery when the remote's range decreases or it becomes unresponsive. Ensure proper disposal of old batteries.
- **Storage:** Store the remote control in a dry place, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

7.1 Remote Not Responding:

- **Check Battery:** Ensure the battery is correctly installed and has sufficient charge. Replace if necessary.
- **Re-pair Device:** Attempt to re-pair the remote control with your device following the instructions in Section 4.2.
- **Obstructions:** Ensure there are no significant obstructions between the remote control and the receiver.
- **Distance:** Verify you are within the effective operating range of the remote control.

7.2 Device Not Entering Pairing Mode:

- Refer to the instruction manual of your specific roller shutter motor or smart switch for detailed pairing procedures.

8. SPECIFICATIONS

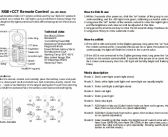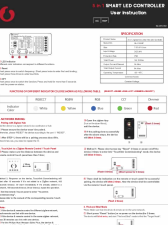| Model Number	SH1901
Brand	LEDLUX
Operating Frequency	433 MHz
Number of Channels	1 (Single Channel)
Number of Buttons	3 (Up, Stop, Down)
Power Supply	1 x 12V 23A Battery (not included)
Operating Voltage	12 Volts
Operating Current	23 A
Dimensions	109 x 37 x 14 mm
Material	Plastic
Operating Mode	ON-STOP-OFF
Contact Type	Normally Open
Connector Type	Screw
Circuit Type	1 Way

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact LEDLUX customer service through their official website or your retailer. Keep your proof of purchase for warranty claims.

Related Documents - SH1901

[TC421 With WIFI Time Programmable Controller: Upper Machine Instructions](#)

Instructions for operating the TC421 With WIFI time programmable controller, covering software setup, project creation, mode configuration, and file management.

[Ledlux LL0250 Digital Thermostat User Manual](#)

User manual for the Ledlux LL0250 Digital Thermostat, covering technical specifications, functions, programming, advanced settings, and installation guidelines. Features include internal/external sensors, child lock, vacation mode, and weekly scheduling.

[LEDLUX WI-FI Smart Multi-Socket 16A User Manual](#)

Comprehensive guide for the LEDLUX WI-FI Smart Multi-Socket 16A, covering setup, app integration with Smart Life/Tuya, Amazon Alexa, and Google Home, along with safety information and warranty details.

[LEDLUX RGB+CCT Remote Control GL-RC-006Z User Manual](#)

User manual for the LEDLUX GL-RC-006Z RGB+CCT remote control, covering setup, operation, technical specifications, and lighting modes for smart home lighting systems.

[Ledlux ZigBee Smart Gateway IH-K008: Product Manual & Setup Guide](#)

Comprehensive product manual for the Ledlux ZigBee Smart Gateway (Model IH-K008), detailing setup, connection, specifications, and quality assurance for smart home applications.

[5 in 1 Smart LED Controller User Instruction](#)

User instructions and specifications for the 5-in-1 Smart LED Controller (Model GL-C-002P), covering Zigbee and 2.4GHz RF pairing, wiring diagrams, and operational settings.