LITSOUL LT-500EAVE-US

LITSOUL 500FT Permanent Outdoor Lights User Manual

Model: LT-500EAVE-US

1. Introduction

Thank you for choosing LITSOUL 500FT Permanent Outdoor Lights. This smart RGB eave LED lighting system is designed for year-round outdoor decoration and illumination, offering 16 million colors and various dynamic effects. With an IP67 waterproof rating and robust construction, these lights are built to withstand diverse weather conditions. This manual provides essential information for safe installation, operation, and maintenance of your lighting system.

2. Safety Information

- Always disconnect power before installation, maintenance, or cleaning.
- Ensure all connections are secure and waterproof to prevent electrical hazards.
- Do not attempt to modify or repair the lights yourself. Contact qualified personnel for service.
- Install lights away from flammable materials.
- Use only the provided power adapter and control box.
- Avoid looking directly into the LED lights for extended periods.
- The product is rated IP67 waterproof, suitable for outdoor use, but avoid prolonged submersion.

3. Package Contents

Verify that all items listed below are included in your package:

- 250FT Permanent outdoor lights (x2)
- Control Box
- Power Adapter
- Remote Control
- Installation Accessories (adhesive, screws)

4. Specifications

Feature	Description
Brand	LITSOUL
Model Number	LT-500EAVE-US
Length	500 Feet (2 x 250FT sections)
Color	RGB (Red, Green, Blue) - 16 Million Colors
Light Source Type	LED (up to 100 lumens per LED)
Color Temperature	2700K–6500K (Warm White to Cool White)
Water Resistance Level	IP67 Waterproof
Operating Temperature	-22°F to 140°F (-30°C to 60°C)
Lifespan	50,000 hours
Control Method	App Control ("Lotus Lantern" app), Remote Control
Power Source	Corded Electric
Material Type	Plastic

5. Setup and Installation

Follow these steps for proper installation of your LITSOUL Permanent Outdoor Lights:

1. **Prepare the Surface:** Ensure the eave or wall surface where the lights will be installed is clean, dry, and smooth.
2. **Positioning:** For optimal lighting effects, install the lights approximately 2–4 inches away from the wall surface.
3. **Apply Adhesive:** Each light segment has an adhesive backing. Peel off the protective film from the adhesive.
4. **Attach Lights:** Carefully press each light segment firmly onto the desired surface for at least 8 seconds to ensure a secure hold.
5. **Secure with Screws (Optional but Recommended):** For enhanced security and long-term durability, use the included screws to further fasten the lights along the eave.
6. **Connect Components:** Connect the two 250FT light sections to the control box, and then connect the control box to the power adapter.
7. **Power On:** Plug the power adapter into a suitable outdoor power outlet.



Figure 5.1: Easy Installation Steps. This image illustrates the four-step process for installing the LITSOUL Permanent Outdoor Lights, including peeling the adhesive, sticking the lights to the wall, securing with screws, and connecting to the power supply.



Figure 5.2: Installed Lights on a House. This image displays the LITSOUL Permanent Outdoor Lights installed on a house, demonstrating the smooth, cone-shaped glow across the walls.

6. Operating Instructions

Your LITSOUL Permanent Outdoor Lights can be controlled via the dedicated mobile app or the included remote control.

6.1. Mobile App Control

Download the "Lotus Lantern" app from your smartphone's app store. Once installed, follow the in-app instructions to pair your lights. The app allows you to:

- Select from 16 million customizable colors.
- Choose from 29 preset lighting scenes for various occasions.
- Activate music-sync mode, allowing lights to pulse with your audio.
- Adjust brightness and set custom DIY modes.
- Utilize the built-in timer function for automatic on/off scheduling.

6.2. Remote Control

The included remote control provides quick access to essential functions:

- Power On/Off.
- Color selection (RGB and White).
- Brightness adjustment.
- Access to various dynamic modes (e.g., flash, fade, jump).



Figure 6.1: Remote and App Control. This image illustrates the dual control options for the lights, showing both the mobile app interface and the physical remote control.



Figure 6.2: Innovative Lighting Effects. This image highlights various features such as music synchronization, app control, preset scenes, and the timer function for dynamic lighting.

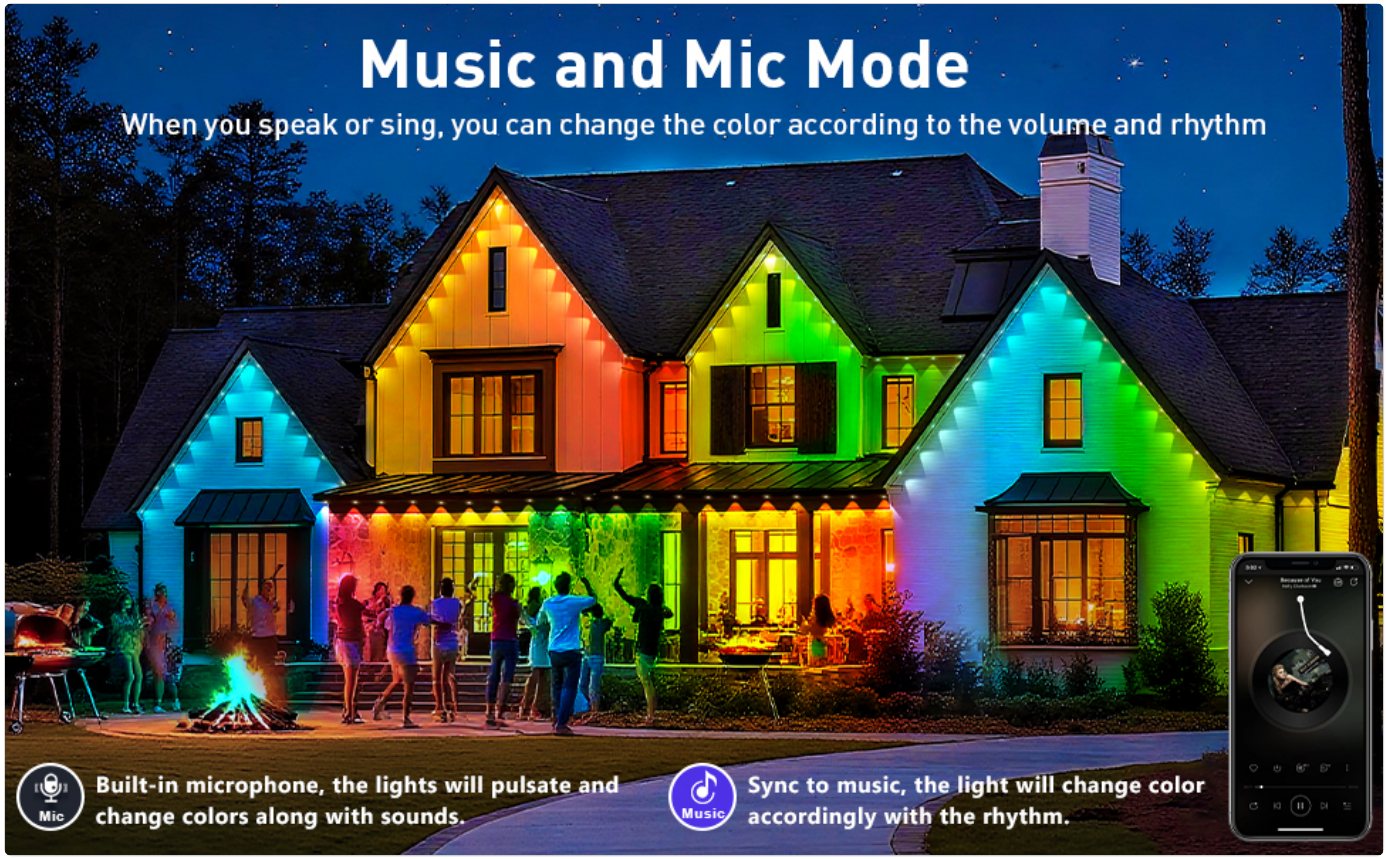


Figure 6.3: Music and Mic Mode. This image demonstrates the lights' ability to change color and pulse according to music or voice input, enhancing the party atmosphere.

6.3. Timer Function

The built-in timer allows you to set automatic on/off times. Configure this feature through the "Lotus Lantern" app to have your lights activate at dusk and deactivate at dawn, or any custom schedule.



Figure 6.4: Timer Function. This image visually explains how the timer function can be customized to automatically turn lights on and off

at set times.

7. Maintenance

The LITSOUL Permanent Outdoor Lights are designed for durability and minimal maintenance. Key features contributing to their longevity include:

- **Weather Resistance:** Engineered with UV resistance and IP67 waterproof protection, including an internal waterproof sealing strip, these lights are built to withstand heavy rain, snow, and bright sun.
- **Temperature Range:** Reliable performance is maintained across a wide temperature range of -22°F to 140°F (-30°C to 60°C).
- **Long Lifespan:** The high-brightness LED beads offer an impressive 50,000-hour lifespan, reducing the need for frequent replacements.

To ensure optimal performance and appearance:

- Periodically inspect the lights and wiring for any signs of damage or wear.
- Gently clean the light surfaces with a soft, damp cloth if dirt or debris accumulates. Do not use harsh chemicals or abrasive cleaners.



Figure 7.1: High-Quality LED Beads and Durability. This image highlights the robust construction and specifications of the LED beads, emphasizing their long lifespan and weather resistance.



Figure 7.2: All-Weather Warrior. This image visually confirms the lights' resilience against various weather elements, including snow, rain, and heat.

8. Troubleshooting

If you encounter issues with your LITSOUL Permanent Outdoor Lights, please refer to the following common solutions:

- **Lights Not Turning On:**
  - Check if the power adapter is securely plugged into a working outlet.
  - Ensure all connections between the light strips, control box, and power adapter are firm.
  - Verify that the remote control has working batteries and is pointed directly at the control box.
- **Incorrect Colors or Modes:**
  - Ensure the mobile app is correctly paired and updated.
  - Try resetting the lights by unplugging them for a few minutes and then reconnecting.
- **App Connectivity Issues:**
  - Ensure your device's Bluetooth is enabled and within range of the control box.
  - Restart the "Lotus Lantern" app or your smartphone.

If these steps do not resolve the issue, please contact customer support.

9. Warranty and Support

LITSOUL Permanent Outdoor Lights come with a **2-year manufacturer's warranty**.
For any issues during setup or daily use, our dedicated after-sales team is available 24/7 to provide assistance and resolve your questions promptly.
Please refer to the product packaging or the official LITSOUL website for contact details.

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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

Answered questions about this manual

Why are the last 6 lights not working on my LITSOUL LT-500EAVE-US Permanent Outdoor Lights?

If the last 6 lights of your LITSOUL LT-500EAVE-US system are not working while the rest are functional, it is likely due to one of the following reasons:App Configuration: Most smart LED systems require...

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