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lemonlovely 2323

lemonlovely Smart Permanent Outdoor Lights (Model 2323, 100ft) User Manual

Comprehensive Guide for Installation, Operation, and Maintenance

1. Introduction

Thank you for choosing the lemonlovely Smart Permanent Outdoor Lights. This product is designed to provide versatile and durable outdoor lighting solutions, featuring RGB+IC technology for dynamic color effects, smart control via app or remote, and robust IP67 waterproofing for year-round use. This manual will guide you through the proper installation, operation, and maintenance to ensure optimal performance and longevity of your lighting system.

2. Product Overview and Components

Your lemonlovely Smart Permanent Outdoor Lights package includes the following items:

- String Lights (100ft with 50 LED)
- Power Adapter
- Control Box
- Remote Control
- Mounting Screws
- Extra Adhesive Pads
- Extension Cable
- Cable Clips
- User Manual (this document)
- Story Card



Image: An illustration showing all included components: string lights, adapter, control box, remote, screws, extra adhesive, extension cable, cable clips, user manual, and story card.

3. Installation Guide

Follow these steps for a secure and effective installation of your outdoor lights:

1. **Step 1: Placement**
   Install each outdoor light close to the wall or desired mounting surface.
2. **Step 2: Surface Preparation**
   Clean the surface thoroughly to ensure optimal adhesion. Remove the VHB gum backing from the lights.
3. **Step 3: Adhesion**
   Press the lights firmly against the surface for at least 5 seconds to secure them.
4. **Step 4: Secure with Screws**
   Reinforce each string light with the provided screws for a lasting hold. This is recommended for permanent installation.
5. **Step 5: Connect String Lights**
   Connect multiple string lights using the waterproof connectors and screw them in place to ensure a sealed connection.
6. **Step 6: Power and App Connection**
   Connect the power adapter to the control box and then to a power outlet. Long press the button on the control box (approximately 8 seconds) until it flashes red, then connect via the dedicated mobile application.



Image: A visual guide detailing the six steps for installing the outdoor lights, including surface cleaning, adhesive application, screw reinforcement, and connection.

3.1 Adapter Selection Guide

To ensure safe and optimal performance, always match your power adapter to the total number of lamps connected. Using an incorrect adapter can lead to malfunction or damage.

- **24V 1A Adapter:** Supports 25/50/75 lamps (e.g., 50ft / 100ft / 150ft light strings).
- **24V 2A Adapter:** Supports 100/150/175 lamps (e.g., 200ft / 300ft / 350ft light strings).
- **24V 3A Adapter:** Supports 200 lamps (e.g., 400ft light strings).



Image: An illustration detailing which power adapter (1A, 2A, or 3A) to use based on the total length of the connected light strings.

4. Operating Instructions

Your lemonlovely Smart Permanent Outdoor Lights offer multiple control options for a customized lighting experience.

4.1 Smart App Control

The dedicated mobile application provides comprehensive control over your lights. After connecting the lights to the app

(refer to Step 6 of Installation), you can:

- **Adjust Brightness:** Dim or brighten the lights from 1% to 100%.
- **Choose Colors:** Select from 16 million colors and create custom color combinations.
- **Set Timers:** Schedule automatic on/off times for convenience.
- **Create Custom Modes:** Design unique lighting effects and patterns.
- **Music Sync:** Synchronize the lights with music for dynamic visual effects.
- **Segmented Light Control:** Utilize RGB+IC technology to control individual segments of the light strip for flowing rainbow effects and chasing lights.
- **Holiday Presets:** Access pre-programmed lighting modes for various holidays like Halloween, Christmas, Valentine's Day, etc.



Image: A visual representation of the mobile application's interface, demonstrating options for color selection, brightness adjustment, timer settings, and various lighting modes.

4.2 Remote Control

A remote control is included for basic functions. Ensure you are within 10-12 meters of the control box for stable signal transmission.

- Power On/Off
- Color Selection
- Brightness Adjustment
- Mode Selection (e.g., flash, fade, smooth)
- Speed Adjustment for dynamic modes



Image: A remote control and a smartphone displaying the control app, positioned in front of a house illuminated with colorful outdoor lights.

5. Maintenance

The lemonlovely Smart Permanent Outdoor Lights are designed for durability and minimal maintenance. To ensure their longevity:

- **Waterproof Design:** The lights feature IP67 waterproof protection for the LEDs and control box, making them suitable for rain, snow, and extreme temperatures (-4°F to 140°F). No special waterproofing maintenance is required under normal conditions.
- **Cleaning:** Periodically wipe the light surfaces with a soft, damp cloth to remove dirt or debris. Avoid abrasive cleaners or solvents.
- **Connection Integrity:** Occasionally check all connections to ensure they remain securely screwed and sealed, especially after severe weather conditions.
- **Lifespan:** The LEDs have a lifespan of up to 50,000 hours. Individual LED replacement is not typically supported; if a segment fails, contact support.

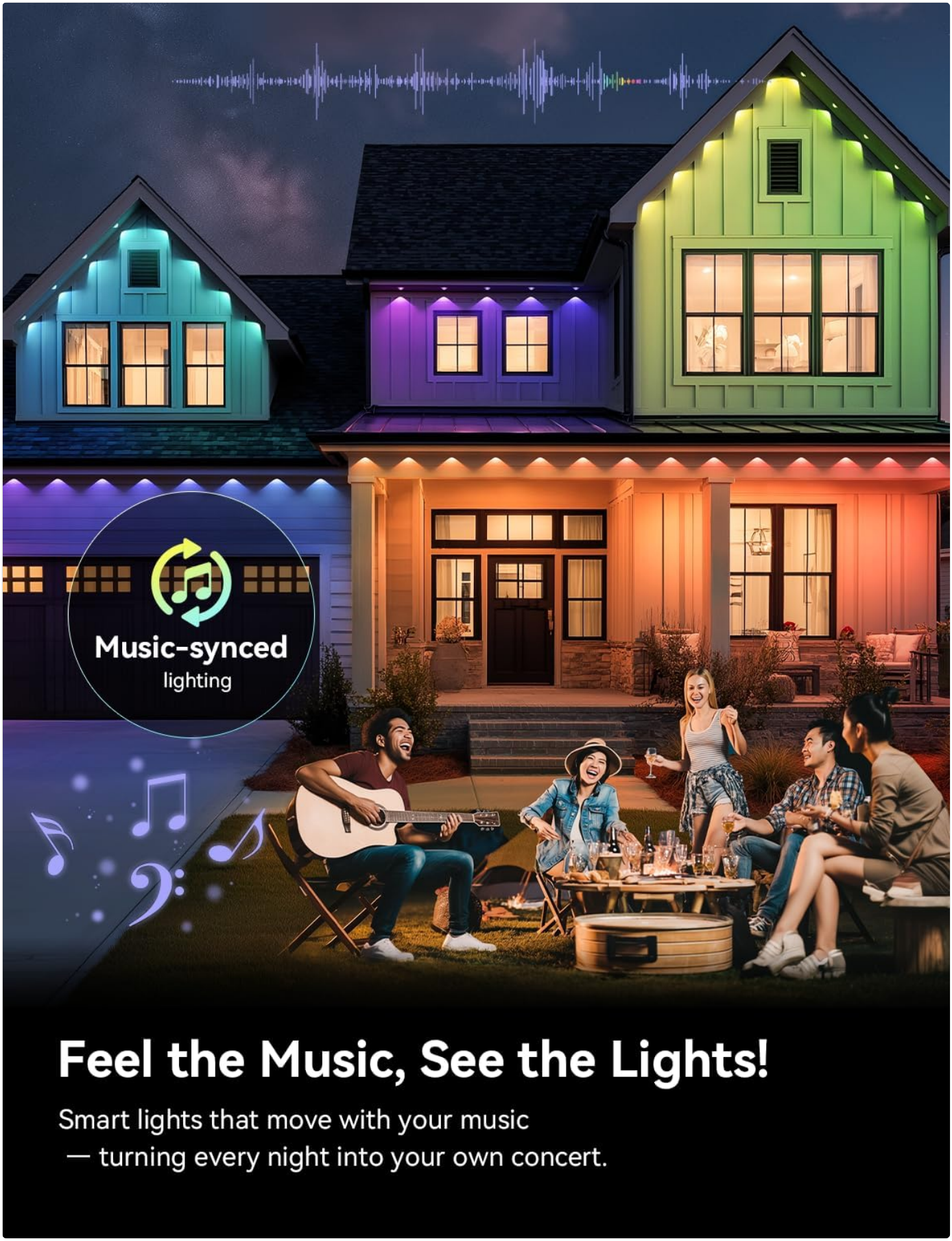


Image: A house illuminated with colorful outdoor lights during a rainstorm, emphasizing the product's IP67 waterproof rating and durability.

6. Troubleshooting

If you encounter issues with your lemonlovely Smart Permanent Outdoor Lights, refer to the following troubleshooting tips:

Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, faulty adapter.	• Check if the power adapter is securely plugged into the outlet and the control box. • Ensure the power outlet is functional. • Verify all light string connections are tight. • Confirm the correct adapter is used for the light string length (refer to Section 3.1).
App/Remote control not working or unstable.	Distance from control box, interference, app not connected.	• Ensure you are within 10-12 meters of the control box for remote/app stability. • Re-pair the app by long-pressing the control box button until it flashes red. • Check for obstructions between the remote/phone and the control box. • Restart the app or your mobile device.
Colors displayed are incorrect or do not match app settings.	Synchronization issue, app glitch.	• Try restarting the app and reconnecting to the lights. • Perform a factory reset if the issue persists (refer to app instructions or contact support).
Only a portion of the lights work.	Damaged segment, loose connection between segments.	• Check the connections between light segments for tightness and proper alignment. • Inspect the non-working segment for visible damage. If damaged, contact customer support.

7. Specifications

Feature	Detail
Brand	lemonlovely
Model Number	2323
Light Type	RGB+IC LED String Lights
Length (Current Product)	100ft (50 LEDs)
Waterproof Rating	IP67 (String Lights), IP65 (Control Box)
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Light Source Type	LED
Power Source	Corded Electric

Feature	Detail
Light Color	Multicolor (16 Million Colors)
Special Features	Smart App Control, Remote Control, Music Sync, Timer, DIY Modes, Segmented RGB+IC Effects
Lifespan	Up to 50,000 hours
Item Weight	3.39 pounds
UPC	619165572279

8. Warranty and Support

lemonlovely is committed to customer satisfaction. If you have any questions, concerns, or require assistance with your product, please contact our customer support.

- **Return Policy:** We offer a 30-day hassle-free return and exchange policy.
- **Contact Support:** For technical assistance or warranty inquiries, please refer to the contact information provided on the product packaging or the official lemonlovely website.



Image: A graphic indicating customer support availability and a 30-day return/exchange policy, emphasizing customer satisfaction.

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