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LemonNova 3131-144-200

Permanent Outdoor Lights User Manual

Brand: LemonNova | Model: 3131-144-200

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your LemonNova Permanent Outdoor Lights. These 200ft LED IC+RGB lights are designed to provide versatile and vibrant lighting for various outdoor occasions, including holidays and year-round decoration. They feature smart control capabilities via a mobile application, Alexa, and Google Assistant.



Image: Overview of the LemonNova Permanent Outdoor Lights, including the packaging, remote control, and individual light units.

FEATURES

- **Eye-Catching Lighting Effects:** Features an ultra-high transmittance integrated optical lens for unique starlight effects with wall illumination depths up to 18 inches.
- **RGB Festive Lighting:** Offers 44 preset scene modes and 16 million DIY colors for full customization. Includes a music mode for synchronized lighting.
- **Smart App & Voice Control:** Control colors, brightness, and set timers via a smart app. Compatible with Alexa and Google Assistant for voice commands.
- **Outdoor Durability:** Made with high-quality IP67 waterproof and UV-Resistant materials, ensuring stable performance in temperatures from -4°F to 140°F (-20°C to 60°C). Designed for up to 50,000 hours of use.
- **Easy Installation:** Supports both adhesive and screw installation methods, adhering well to most eaves.

Innovative Lighting Effects

Brighter Light and Large Wall Washing Area

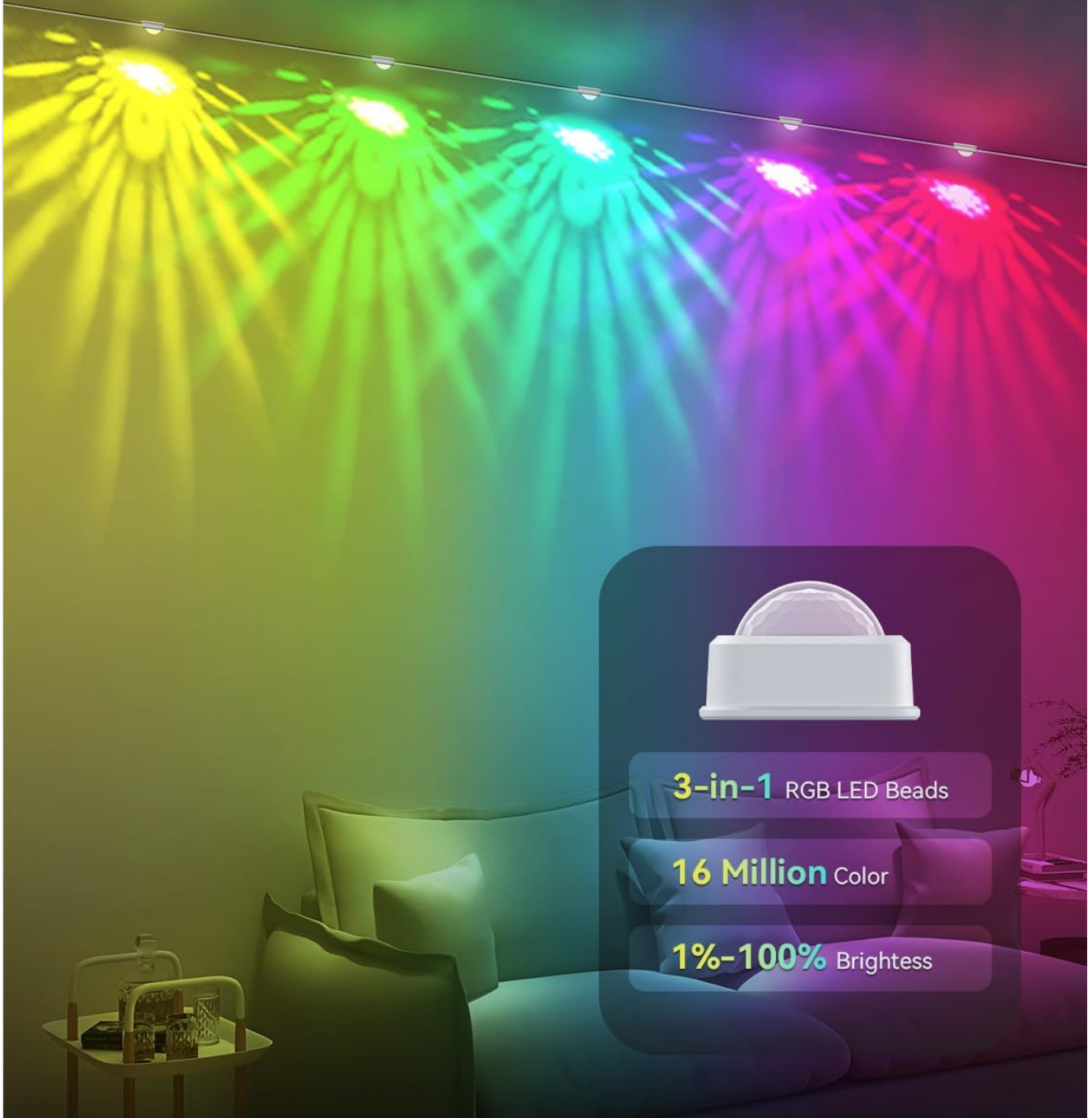


Image: Illustration of the innovative lighting effects, showcasing vibrant color patterns projected onto a wall.

SETUP

Package Contents:

- Light kit (144 LED IC+RGB lights, 200ft)
- Remote control

- Installation tapes (VHB gum)
- Screw clips
- Power adapter & control box (IP65 rated)

Installation Steps:

1. **Prepare the Surface:** Clean the installation surface (eaves, walls, etc.) thoroughly with a cloth or tissue to ensure optimal adhesion.
2. **Apply Adhesive:** Tear off the VHB gum protective film from the back of each light unit.
3. **Attach Lights:** Press each light unit firmly against the cleaned surface for more than 5 seconds to secure it. Ensure lights are spaced 2-4 inches apart for best effect.
4. **Secure with Clips (Optional/Recommended):** For extra stability, especially on surfaces where adhesive might be less effective (e.g., rough concrete), attach screw clips to each string light. Screws are provided for this purpose.
5. **Connect Power:** Connect the two waterproof light strings and screw on the caps securely. Plug the power adapter into a suitable outdoor power outlet.

Note: For optimal Wi-Fi reception, it is best to place the IP65 rated adapter and control box indoors if possible. The lights themselves are IP67 rated for outdoor use.

Hassle-free Setup

Install once, permanent use

1



Clean the surface with a cloth or tissue before installing the string lights

2



Tear off the VHB gum on the back of the light

3



Press the light firmly against the surface for more than 5 seconds

4



Attach screw clips to each string light to keep them secure

Image: Visual guide demonstrating the simple four-step installation process for the lights.



Image: Illustration highlighting the compatibility of the lights with various house materials for effortless DIY setup.

OPERATING INSTRUCTIONS

Using the Smart App:

Download the dedicated smart app (refer to product packaging or included quick start guide for app name and QR code). Once installed and connected to your 2.4G Wi-Fi network, you can:

- **Change Colors:** Access 16 million colors for personalized lighting.
- **Adjust Brightness:** Dim or brighten the lights from 1% to 100%.
- **Select Scene Modes:** Choose from 44 preset scene modes for various occasions (e.g., Halloween, Christmas).
- **DIY Customization:** Create and save your own dynamic lighting modes.
- **Music Sync:** Enable music mode to synchronize light effects with audio.
- **Set Timers:** Schedule lights to turn on/off at specific times.

Smart App & Voice Control & Remote Control



Image: Smart App and Voice Control in action, showing a family enjoying the lights controlled by a smartphone and voice assistant.



Image: Screenshot of the app interface demonstrating customizable color options for the lights.



Image: Screenshot of the app interface demonstrating timing and scheduling features for automated lighting.

Voice Control (Alexa/Google Assistant):

Integrate your LemonNova lights with Amazon Alexa or Google Assistant by following the instructions in the smart app. Once linked, you can use voice commands such as:

- "Alexa, turn on the Eaves Lights."
- "Hey Google, set the lights to red."
- "Alexa, dim the outdoor lights to 50%."



Image: Depiction of voice control functionality, showing users interacting with Alexa to manage the lights.

Remote Control:

The included remote control provides quick access to basic functions:

- On/Off
- Color selection (pre-defined colors)
- Mode selection (pre-defined modes)
- Brightness adjustment
- Timer settings (1H, 2H, 4H, 8H)

MAINTENANCE

The LemonNova Permanent Outdoor Lights are designed for minimal maintenance due to their durable construction.

- **Cleaning:** Periodically wipe the light units with a soft, damp cloth to remove dust and debris. Do not use harsh chemicals or abrasive cleaners.
- **Weather Resistance:** The lights are IP67 waterproof and UV-resistant, designed to withstand various weather conditions from -4°F to 140°F (-20°C to 60°C). Ensure all connections are securely sealed.
- **Longevity:** With a lifespan of up to 50,000 hours, these lights require infrequent replacement.

Built for Outdoors

Great performance from summer heat to winter cold



Corrosion-resistant &
UV-resistant materials



Last up to
50,000 hours



-20°C~60°C
-4°F~140°F



Image: Illustration of the lights' durability, showcasing their performance in both summer and winter conditions.



Image: Detailed infographic on the lights' durability features, including IP67 waterproof rating, anti-UV material, and extended lifespan.

TROUBLESHOOTING

Common Issues and Solutions:

- **White Light Appears Colored:** The eave light is RGB, meaning white light is created by mixing red, green, and blue. This can cause colored edges around the white light. To minimize this, install the lights closer to the wall.
- **Remote Buttons Don't Match Colors:** This is not a product defect. Use the "line sequence function" in the app to adjust the colors. Switch different line sequence modes until the color is adjusted correctly.
- **Connectivity Issues:** Ensure your Wi-Fi network is 2.4G. Place the control box in an area with good Wi-Fi reception. Restart the control box and your router if issues persist.
- **Lights Not Turning On:** Check all power connections and ensure the power adapter is securely plugged in. Verify that the power outlet is functional.



Image: Important tips regarding RGB color mixing and remote control color synchronization.

SPECIFICATIONS

| Attribute | Detail |
|----------------------|---|
| Brand | LemonNova |
| Model Number | 3131-144-200 |
| Color | Multicolor |
| Indoor/Outdoor Usage | Outdoor |
| Special Features | DIY, Color Changing, Dimmable, Energy Saving, Smart, Music Sync, Waterproof |
| Light Source Type | LED |
| Power Source | Corded Electric |

| Attribute | Detail |
|-------------------------|--|
| Theme | Halloween, Christmas, New Year, Year-Round, Easter, Valentine, Holiday |
| Style | 200FT |
| Material | Plastic |
| Controller Type | Voice Control |
| Connectivity Protocol | Wi-Fi (2.4G only) |
| Number of Light Sources | 144 |
| Voltage | 12 Volts |
| Wattage | 72 watts |
| Water Resistance Level | IP67 Waterproof |
| Operating Temperature | -4°F to 140°F (-20°C to 60°C) |
| Lifespan | Up to 50,000 hours |
| Included Components | Light kit included |

WARRANTY AND SUPPORT

LemonNova is committed to providing high-quality smart LED lighting solutions. For any questions, concerns, or support needs regarding your Permanent Outdoor Lights, please contact our customer service team.

- **Customer Support:** We offer 24-hour customer support to assist you.
- **Warranty Information:** Please refer to your product packaging or purchase documentation for specific warranty details.



Image: LemonNova's 24-hour customer support is available to assist you.