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Mercury Innovations MI-LST04-999

Mercury Innovations FlexGlo Flexible Multi-Colored LED Light Strips

User Instruction Manual

INTRODUCTION

Thank you for choosing the Mercury Innovations FlexGlo Flexible Multi-Colored LED Light Strips. This product is designed to add vibrant, customizable lighting to your indoor and outdoor spaces. With easy installation and remote control functionality, you can transform any area with a spectrum of colors and dynamic lighting effects. Please read this manual thoroughly before installation and use to ensure proper operation and longevity of your LED light strips.



Image: The Merkur Innovations FlexGlo LED Light Strips, including the product box, the coiled LED strip, and the remote control.

WHAT'S IN THE BOX

Verify that all components are present before beginning installation.

- 12 ft. LED Strip Light
- Remote Control
- AC Power Adapter
- IR Receiver/Controller

PACKAGE INCLUDES



Image: A visual representation of all items included in the product package, laid out for clear identification.

KEY FEATURES

- **Bright Multicolor Illumination:** Accent your space with thousands of color variations.
- **Waterproof Design:** Suitable for both indoor and outdoor applications.
- **Flexible and Cutable:** Bendable rope lights that can be trimmed to desired length at designated cut marks.
- **Remote Controlled:** Easy color changing, brightness adjustment, and effect mode selection without Wi-Fi or smart home hub.
- **16 Colors + White:** Choose from a wide palette of colors including pure white.
- **4 Effect Modes:** Flash, Strobe, Fade, and Smooth preprogrammed modes for dynamic lighting.
- **Strong Adhesive Backing:** Ensures secure installation on various surfaces.
- **Plug-and-Play:** Connects directly to any standard US wall outlet.

KEY FEATURES

Accent your space with bright multicolor LED light strips. For cabinets, under furniture, patios, and more, our brilliant adhesive light LED strips add color and vibrancy to any room!



Image: An infographic highlighting the main features of the FlexGlo LED light strips.

SPECIFICATIONS

Attribute	Detail
Model Number	MI-LST04-999
Length	12 feet (144 inches)
Dimensions (L x W x H)	144 x 0.25 x 0.1 inches
Weight	8.4 ounces

Attribute	Detail
Light Source Type	LED
Number of Light Sources	120
Light Colors	16 colors (Red, Green, Blue, White, Blood Orange, Lime Green, Cobalt, Orange, Teal, Magenta, Peach, Cyan, Purple, Yellow, Turquoise, Violet)
Special Features	Dimmable, Corded
Power Source	Corded Electric (12 Volts, 2.5 Watts)
Controller Type	Remote Control
Indoor/Outdoor Usage	Indoor (Waterproof)
Average Life	25,000 Hours
Material	Resin, Plastic, Metal

SETUP

- 1. Prepare the Surface:** Choose a clean, dry, and smooth surface for installation. Ensure the surface is free of dust, grease, or moisture for optimal adhesive performance.
- 2. Measure and Cut (Optional):** If the 12 ft strip is too long for your desired application, you can cut the strip at the designated copper cut marks. These marks are typically indicated by a scissor icon or copper pads. *Do not cut anywhere else on the strip, as this will damage the circuit.*
- 3. Connect Components:**
 - Connect the 12 ft. LED Strip Light to the IR Receiver/Controller. Ensure the arrows on both connectors align for proper polarity.
 - Connect the AC Power Adapter to the IR Receiver/Controller.
- 4. Apply the Strip:** Carefully peel off the adhesive backing from the LED strip. Starting from one end, firmly press the strip onto your prepared surface, ensuring even contact along the entire length.
- 5. Power On:** Plug the AC Power Adapter into a standard US wall outlet. The LED strip should illuminate.

EASY INSTALL

Simply apply the adhesive strip to any surface and cut to your desired length.



Image: A user installing the LED light strip by peeling the adhesive and pressing it onto a shelf.

OPERATING INSTRUCTIONS

Remote Control Functions

The included 24-key remote control allows for full customization of your LED light strips. Point the remote directly at the IR Receiver/Controller for optimal response.

REMOTE CONTROL

24 key remote, 16 LED colors, 4 effect modes, power on/off and dimmable.



Image: A user operating the LED light strips with the remote control, showcasing the lighting effects in a room.

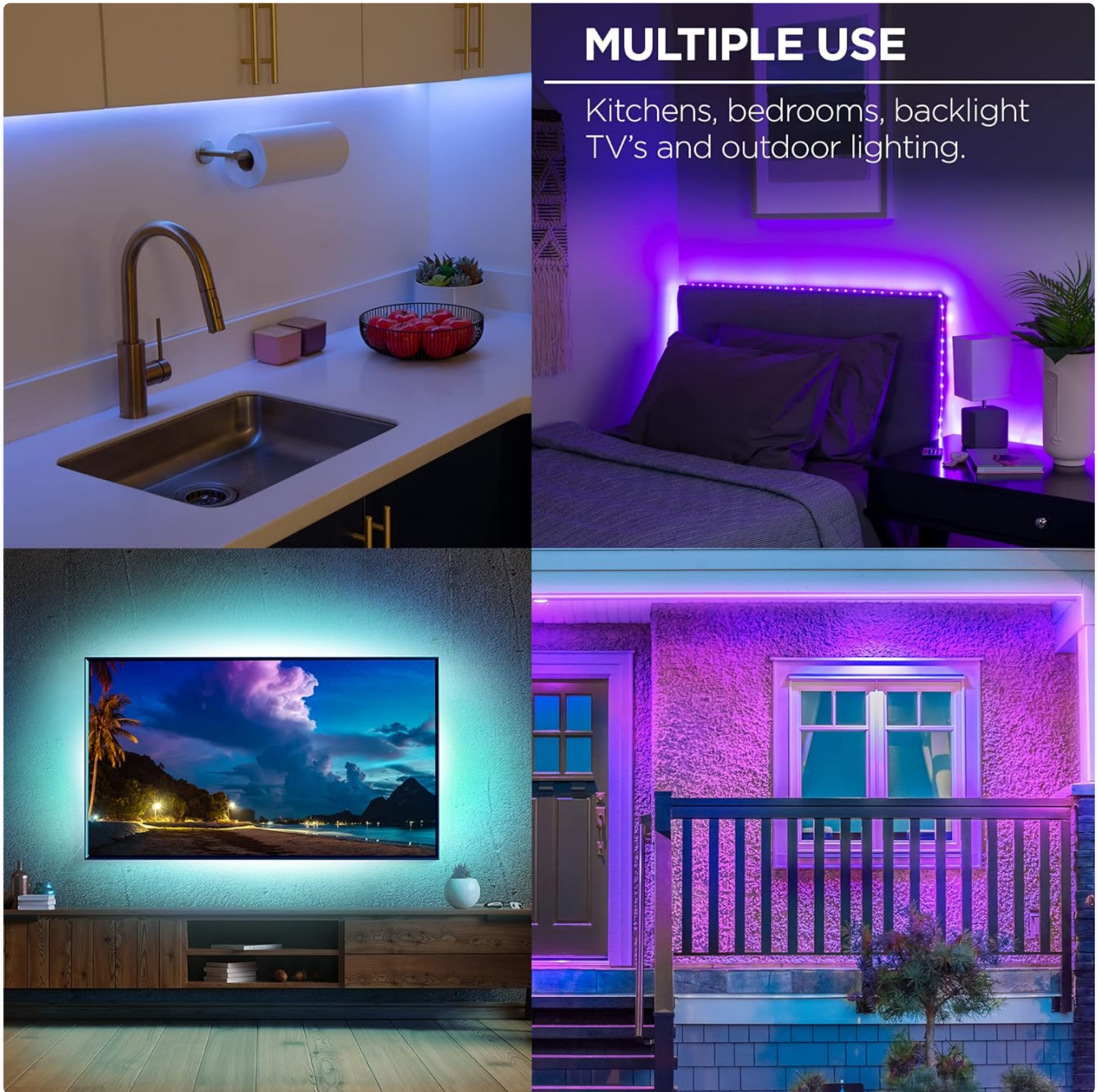
- **ON/OFF:** Press to turn the lights on or off.
- **R, G, B, W:** Direct buttons for Red, Green, Blue, and White light.
- **Color Selection Buttons:** 12 additional buttons for various preset colors (e.g., Blood Orange, Lime Green, Cobalt, Orange, Teal, Magenta, Peach, Cyan, Purple, Yellow, Turquoise, Violet).
- **Brightness Adjustment (▲ / ▼):** Increase or decrease the brightness level.
- **FLASH:** Cycles through colors with a rapid flashing effect.
- **STROBE:** Cycles through colors with a slower, pulsating strobe effect.
- **FADE:** Smoothly transitions between colors.
- **SMOOTH:** Gradually changes between colors with a softer transition.

Application Examples

The FlexGlo LED strips are versatile and can be used in many settings:

- **Kitchens:** Under-cabinet lighting, accent lighting for islands.
- **Bedrooms:** Backlight for beds, mood lighting.

- **Living Rooms:** TV backlighting, cove lighting, accenting furniture.
- **Patios/Outdoor Areas:** Perimeter lighting, accenting decks or garden features (ensure power adapter is protected from direct water exposure).



MULTIPLE USE

Kitchens, bedrooms, backlight TV's and outdoor lighting.

Image: Examples of the LED light strips used in various settings, including kitchen, bedroom, TV area, and outdoor patio.

MAINTENANCE

- **Cleaning:** To clean the LED strip, gently wipe it with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, but ensure the strip is unplugged and completely dry before reconnecting to power. Avoid using harsh chemicals or abrasive cleaners.
- **Adhesive Care:** If the adhesive begins to lose its stickiness over time, especially in high-traffic or outdoor areas, additional double-sided tape or mounting clips (not included) can be used to secure the strip.
- **Storage:** If storing the LED strip for an extended period, ensure it is clean, dry, and coiled loosely to prevent damage to the LEDs or wiring. Store in a cool, dry place away from direct sunlight.

- **Power Adapter:** Regularly check the power adapter and cable for any signs of damage. Discontinue use if any damage is observed.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	<ul style="list-style-type: none"> ◦ Power adapter not plugged in. ◦ Loose connection between components. ◦ Remote control battery is dead. ◦ IR receiver blocked. 	<ul style="list-style-type: none"> ◦ Ensure power adapter is securely plugged into a working outlet. ◦ Check all connections (strip to IR receiver, IR receiver to power adapter) are firm and arrows align. ◦ Replace the remote control battery (CR2025, not included). ◦ Ensure there are no obstructions between the remote and the IR receiver.
Remote control is not working.	<ul style="list-style-type: none"> ◦ Battery is dead or incorrectly inserted. ◦ Not pointing at the IR receiver. ◦ Distance too far from receiver. 	<ul style="list-style-type: none"> ◦ Replace battery and ensure correct polarity. ◦ Point the remote directly at the IR receiver. ◦ Move closer to the IR receiver.
Lights flicker or change colors unexpectedly.	<ul style="list-style-type: none"> ◦ Loose connection. ◦ Power supply issue. ◦ Interference. 	<ul style="list-style-type: none"> ◦ Check all connections are secure. ◦ Try plugging into a different power outlet. ◦ Ensure the IR receiver is not near strong electromagnetic fields.
Adhesive is not holding.	<ul style="list-style-type: none"> ◦ Surface not clean or smooth. ◦ Environmental factors (humidity, temperature). 	<ul style="list-style-type: none"> ◦ Ensure surface is thoroughly cleaned and dry before application. ◦ Use additional double-sided tape or mounting clips for reinforcement.

WARRANTY AND SUPPORT

Merkury Innovations products are designed with quality and performance in mind. For warranty information, technical support, or any inquiries regarding your FlexGlo LED Light Strips, please visit the official Merkury Innovations website

or contact their customer service department. Keep your purchase receipt as proof of purchase for warranty claims.

Website: www.merkuryinnovations.com

Model Number: MI-LST04-999