

## Lepro 410084-RGB-US-NF-a

# Lepro 32.8ft RGB LED Strip Lights User Manual

Model: 410084-RGB-US-NF-a

## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Lepro 32.8ft RGB LED Strip Lights. This kit includes two 16.4ft flexible LED strips, a 44-key IR remote control, and a 12V power supply. The LED strips offer a wide range of colors and dynamic modes, suitable for various indoor lighting applications.



Figure 1: Complete Lepro LED Strip Lights Kit

## 2. PACKAGE CONTENTS

Verify that all components are present in the package:

- 2 x 16.4ft (5m) RGB LED Strip Lights
- 1 x 44-Key IR Remote Control
- 1 x 12V Power Adapter
- 1 x Control Box (IR Receiver)

## 3. INSTALLATION AND SETUP

Follow these steps for proper installation:

1. **Prepare the Surface:** Ensure the installation surface is clean, dry, and smooth. Dust, oil, or moisture can affect the adhesive's performance.
2. **Measure and Cut (Optional):** If a shorter length is required, the LED strip can be cut along the designated cut

marks (usually every 3 LEDs). Use sharp scissors to ensure a clean cut. **Do not cut at any other point.**

3. **Attach the Strip:** Carefully peel off the backing from the 3M adhesive tape on the back of the LED strip. Press the strip firmly onto the desired surface.
4. **Connect Components:**
  - Connect the LED strip(s) to the control box. Ensure the arrows on the connectors align.
  - Connect the 12V power adapter to the control box.
  - Plug the power adapter into a standard electrical outlet.
5. **Activate Remote:** Before using the remote control, remove the transparent plastic insulation sheet from the battery compartment.

## Certified Strip Lights



Please pull out the plastic chip before using

Figure 2: Connection Diagram for LED Strip Lights

For a visual guide on installation and various applications, please refer to the official product video below:

Video 1: Official Lepro LED Strip Lights Overview and Application Examples. This video demonstrates the product's features and shows various installation scenarios in different rooms.



## 4. OPERATING INSTRUCTIONS

The 44-key IR remote control allows you to manage the LED strip lights. Point the remote directly at the IR receiver on the control box for optimal response.



Figure 3: 44-Key IR Remote Control Layout

### Remote Control Functions:

- **On/Off:** Power button to turn the lights on or off.
- **Brightness Adjustment:** Up/Down arrows to increase or decrease brightness.
- **Color Selection:** 20 preset static colors, including Red, Green, Blue, and White.
- **DIY Colors:** 6 programmable buttons (DIY1-DIY6) to save custom colors. Press a DIY button, then use the R/G/B up/down arrows to adjust the color, and press the DIY button again to save.
- **Dynamic Modes:** 8 pre-programmed lighting modes (e.g., JUMP3, JUMP7, FADE3, FADE7, AUTO, FLASH, QUICK, SLOW) for various effects.

## 5. MAINTENANCE

To ensure the longevity and optimal performance of your LED strip lights, follow these maintenance guidelines:

- **Cleaning:** Gently wipe the LED strips with a dry, soft cloth to remove dust. Avoid using liquid cleaners or abrasive materials.
- **Environment:** These lights are designed for indoor use. Avoid exposure to water, high humidity, or extreme temperatures.
- **Adhesive Care:** The 3M adhesive is strong. If repositioning is necessary, do so carefully to avoid damaging the strip or the surface. Ensure the surface is clean before initial application to maximize adhesion.

## 6. TROUBLESHOOTING

If you encounter issues with your LED strip lights, consult the following table for common problems and solutions:

Problem	Possible Cause	Solution
Lights do not turn on.	<ul style="list-style-type: none"><li>• Power adapter not connected.</li><li>• Remote battery depleted or plastic tab not removed.</li><li>• Incorrect connection between strip and control box.</li></ul>	<ul style="list-style-type: none"><li>• Ensure power adapter is securely plugged into outlet and control box.</li><li>• Remove plastic tab from remote battery. Replace battery if necessary.</li><li>• Verify arrow alignment on all connectors.</li></ul>
Remote control not working.	<ul style="list-style-type: none"><li>• Remote not pointed at IR receiver.</li><li>• Obstruction between remote and receiver.</li><li>• Remote battery issue.</li></ul>	<ul style="list-style-type: none"><li>• Point remote directly at the small black IR receiver on the control box.</li><li>• Remove any obstructions.</li><li>• Check/replace remote battery.</li></ul>
Some LEDs show incorrect color or are off.	<ul style="list-style-type: none"><li>• Damage to a section of the LED strip.</li><li>• Faulty connection.</li></ul>	<ul style="list-style-type: none"><li>• Inspect the strip for physical damage. If a section is damaged, it may require replacement.</li><li>• Ensure all connections are secure.</li></ul>
LED strip falls off surface.	<ul style="list-style-type: none"><li>• Surface not clean or smooth.</li><li>• Insufficient pressure during installation.</li></ul>	<ul style="list-style-type: none"><li>• Clean the surface thoroughly before re-applying.</li><li>• Apply firm, even pressure along the entire strip during installation. Consider using additional adhesive clips for heavy-duty applications.</li></ul>

## 7. PRODUCT SPECIFICATIONS

Feature	Detail
---------	--------

Feature	Detail
Brand	Lepro
Model Number	410084-RGB-US-NF-a
Color	RGB (Red, Green, Blue)
Indoor/Outdoor Usage	Indoor
Special Feature	Dimmable
Light Source Type	LED
Power Source	Corded Electric
Material	Copper, Plastic
Controller Type	Remote Control
Number of Light Sources	300 (total for 32.8ft)
Voltage	12 Volts
Wattage	36 watts
Item Weight	0.33 Kilograms (11.6 ounces)
Item Length	32.8 Feet (2 x 16.4ft)

## 8. WARRANTY INFORMATION

This product is covered by a **2-year warranty** from the date of purchase. The warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

## 9. CUSTOMER SUPPORT




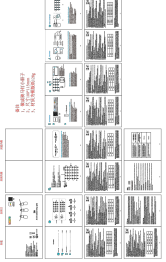
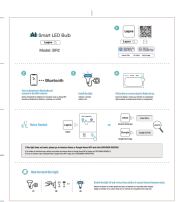
For technical assistance, warranty claims, or any questions regarding your Lepro LED Strip Lights, please contact Lepro customer support through their official website or the retailer where the product was purchased. Please have your model number (410084-RGB-US-NF-a) and proof of purchase available when contacting support.



© 2023 Lepro. All rights reserved.

### Related Documents - 410084-RGB-US-NF-a

	<p><a href="#">Lepro S1 Smart LED Strip Lights User Manual</a></p> <p>Comprehensive user manual for the Lepro S1 Smart LED Strip Lights (Model: 2A3MAS1), detailing installation, operation, and features.</p>
--	--

	<p><a href="#">Lepro LED Light Strip User Manual and Specifications</a></p> <p>User manual for Lepro LED Light Strips (Model PR4100067 series). Includes installation, safety, specifications, and disposal information.</p>
	<p><a href="#">Lepro S1 Smart LED Strip Light: Installation, Features, and Safety Guide</a></p> <p>Comprehensive guide for the Lepro S1 Smart LED Strip Light, covering installation, app connection, voice control integration, safety precautions, technical specifications, and warranty information.</p>
	<p><a href="#">Lepro R2 Smart LED Downlight Installation and User Guide</a></p> <p>Comprehensive guide for installing and using the Lepro R2 Smart LED Downlight, covering app connection, voice control setup, mounting, and safety information.</p>
	<p><a href="#">Lepro ZB1 AI LED Outdoor String Lights User Manual and Specifications</a></p> <p>Comprehensive user manual and technical specifications for the Lepro ZB1 AI LED outdoor string lights, detailing features, installation, and compliance information.</p>
	<p><a href="#">Lepro BR2 Smart LED Bulb Setup and Voice Control Guide</a></p> <p>Comprehensive guide to setting up your Lepro BR2 Smart LED Bulb. Learn how to connect via Bluetooth and WiFi, integrate with Amazon Alexa and Google Assistant, and troubleshoot common issues. Includes technical specifications and regulatory compliance information.</p>