

## Ledagic Led-rgb001-1

# Ledagic 100ft RGB LED Strip Lights Instruction Manual

Model: Led-rgb001-1

## INTRODUCTION

Thank you for choosing the Ledagic 100ft RGB LED Strip Lights. This manual provides essential information for the safe and efficient use of your LED strip lights. Please read it thoroughly before installation and operation.

These LED strip lights offer vibrant color-changing capabilities, music synchronization, and convenient control via a 60-key remote or a dedicated mobile application. They are designed for indoor use to enhance the ambiance of bedrooms, living rooms, and other indoor spaces.

## PACKAGE CONTENTS

- 1 x 100ft LED Strip Lights
- 1 x Controller
- 1 x 60-Key Remote Control
- 1 x Power Adapter
- 1 x Instruction Manual

## SAFETY PRECAUTIONS

- This product is for indoor use only. It is not waterproof.
- Ensure the power supply is disconnected before installation or maintenance.
- Do not connect the LED strip to the power supply while it is still rolled on the reel to prevent overheating.
- Avoid bending the LED strip at sharp angles to prevent damage to the circuit.
- Keep out of reach of children.
- Use only the provided power adapter.

## SETUP INSTRUCTIONS

1. **Prepare the Surface:** Ensure the surface where you plan to install the LED strip is clean, dry, and smooth. Dust or uneven surfaces can affect adhesive performance.
2. **Measure and Cut (Optional):** If necessary, measure the desired length for your installation. The LED strip can be cut along the designated cutting lines (marked with a scissor icon) to fit your space.
3. **Attach the LED Strip:** Carefully peel off the adhesive backing from the LED strip. Press the strip firmly onto the prepared surface, ensuring good contact along its entire length.
4. **Connect the Controller:** Connect the LED strip to the controller. Ensure the arrows on the strip and controller align correctly.
5. **Connect the Power Adapter:** Connect the power adapter to the controller, then plug the adapter into a standard electrical outlet.
6. **Remove Remote Insulation:** Before using the 60-key remote control, remove the clear plastic insulation tab from the battery compartment.



Figure 1: Connection Diagram for Ledagic LED Strip Lights. This image illustrates the steps to connect the LED strip to the IR controller and power adapter, along with tips for remote use and cutting the strip.

Video 1: Color Changing LED Strip Lights. This video demonstrates the color-changing capabilities and overall appearance of

the LED strip lights in various settings.

## OPERATING INSTRUCTIONS

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### A. Remote Control

The included 60-key remote control allows for basic functions:

- **Power On/Off:** Use the dedicated buttons to turn the lights on or off.
- **Color Selection:** Choose from a wide range of preset colors.
- **Brightness Adjustment:** Increase or decrease the light intensity.
- **Mode Selection:** Select various dynamic modes such as flashing, breathing, strobe, or gradient effects.

### B. App Control (HiLighting App)

For advanced features and customization, download the **HiLighting** app from your smartphone's app store.

1. **Download the App:** Scan the QR code on the controller or search for "HiLighting" in your app store.
2. **Enable Bluetooth:** Ensure Bluetooth is enabled on your mobile device.
3. **Connect Device:** Open the HiLighting app. The app should automatically detect the LED strip lights. Follow the in-app instructions to connect.
4. **Customize Settings:** Once connected, you can:
  - Select from 16 million colors.
  - Adjust brightness and saturation.
  - Create custom lighting modes.
  - Utilize the Music Sync feature.
  - Set up Timing Mode.

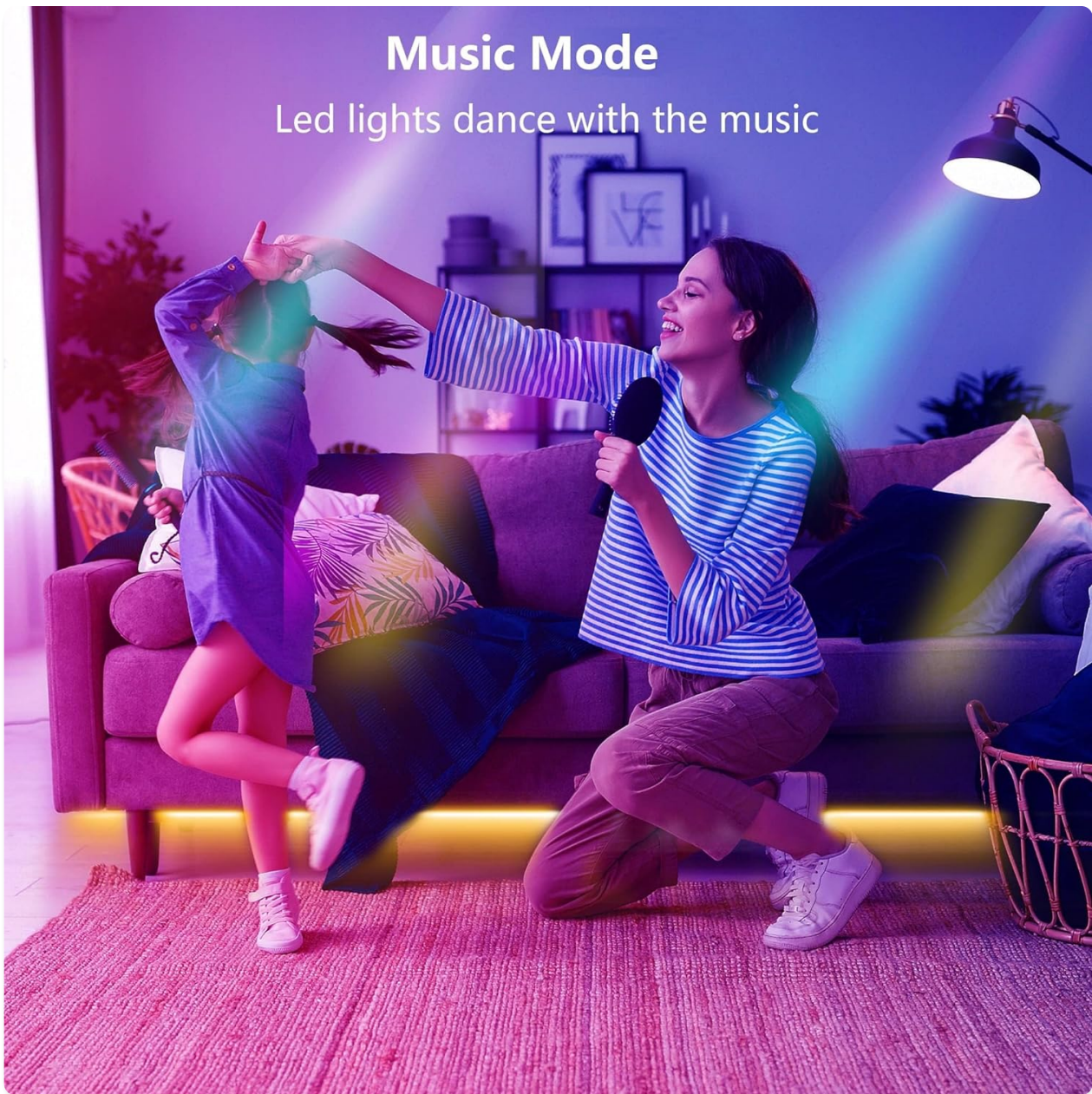


Figure 2: Remote and App Control. This image displays both the physical remote and the mobile app interface for controlling the LED strip lights.

## C. Music Sync Mode

The built-in high-sensitivity microphone allows the lights to change color and rhythm with music or sound, creating an immersive atmosphere.

- Activate Music Sync via the remote or app.
- Adjust microphone sensitivity in the app for optimal response.



Figure 3: Music Mode in action. The LED lights synchronize with music, creating a dynamic visual experience.

Video 2: Ledagic LED Lights for Bedroom 100ft Music Sync. This video provides a detailed overview of the product, including its music synchronization feature and app control.

## D. Timing Mode

Set a schedule for your LED lights to automatically turn on or off at specific times with desired colors.

- Access the Timing Mode feature within the HiLighting app.
- Set desired on/off times and select preferred colors for each schedule.



Figure 4: Timer Setting. This image illustrates how the timer function can be used to set automatic on/off times for the LED lights.

Video 3: See these LEDs in action. This video showcases the LED lights installed in a room, demonstrating their various color options and effects.

## MAINTENANCE

- **Cleaning:** Gently wipe the LED strip with a dry, soft cloth to remove dust. Do not use liquid cleaners or immerse the strip in water.
- **Storage:** If storing the lights for an extended period, ensure they are clean and dry. Roll them loosely on the original reel or a similar spool to prevent damage.
- **Adhesive:** The adhesive is designed for single application. Re-applying may reduce stickiness.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	Power connection issue, remote battery dead, app not connected.	Check all connections. Replace remote battery. Ensure app is connected via Bluetooth.
Remote/App not responding.	Obstruction between remote and IR receiver, Bluetooth disconnected.	Ensure clear line of sight for IR remote. Reconnect Bluetooth in the app.
Lights are dim or inconsistent.	Low power, damaged section of strip.	Ensure power adapter is correctly connected. Inspect strip for physical damage.
Adhesive not sticking.	Surface not clean/smooth, re-application.	Clean and dry surface thoroughly. Use additional mounting clips if needed.

## SPECIFICATIONS

Feature	Detail
Brand	Ledagic
Model Number	Led-rgb001-1

Feature	Detail
Length	100 Feet
Light Color	RGB (Color Changing)
Control Method	App Control, Remote Control
Special Features	Corded, Color Changing, Dimmable, Timer, Automatic On-Off, Music Sync
Indoor/Outdoor Usage	Indoor
Power Source	AC
Voltage	24 Volts
Material	Copper, Plastic
Item Weight	8.5 ounces (0.24 Kilograms)

## WARRANTY

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Specific warranty details for this product are not provided in the available information. Please refer to the product packaging or the manufacturer's official website for comprehensive warranty terms and conditions.

## SUPPORT

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For any questions, issues, or support needs regarding your Ledagic LED Strip Lights, please refer to the contact information provided on the product packaging or visit the official Ledagic website. You may also find additional resources and FAQs on their support page.

For app-related inquiries, please visit the [HiLighting app support page](#).