

DAYBETTER FLSLB503275RGB-DBUS

DAYBETTER 50ft Smart RGB LED Strip Lights User Manual

Model: FLSLB503275RGB-DBUS

1. INTRODUCTION

Thank you for choosing the DAYBETTER 50ft Smart RGB LED Strip Lights. This product is designed to enhance your living spaces with vibrant, customizable lighting. Featuring both app and IR remote control, music synchronization, and smart timing functions, these LED strip lights offer a versatile lighting solution for various indoor applications. Please read this manual carefully before installation and use to ensure proper operation and longevity of your product.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- One roll of 50ft LED strip lights
- One power adapter
- One control box
- One 24-key IR remote control
- One user manual (this document)

Note: Connectors are not included in this package.

3. SAFETY INFORMATION

- This product is designed for **indoor use only**. Do not expose to water or high humidity.
- Ensure the power adapter is connected to a suitable **12V** power source.
- Do not connect the LED strip lights to a power supply while still rolled on the reel, as this may cause overheating.
- Only cut the LED strip along the designated cutting marks. Cutting elsewhere may damage the strip.
- Avoid folding the LED components or bending the strip at sharp angles to prevent damage.
- Keep out of reach of children.
- Unplug the power adapter from the outlet when not in use or before cleaning.

4. PRODUCT COMPONENTS OVERVIEW



Image: Overview of the DAYBETTER 50ft Smart RGB LED Strip Lights, showing the LED strip, control box, power adapter, IR remote, and a smartphone displaying the app interface.

The DAYBETTER LED strip light system consists of the following main components:

- **LED Strip:** The flexible strip containing the RGB LED lights.
- **Control Box:** The central unit that connects the LED strip to the power adapter and receives signals from the IR remote and Bluetooth app. It also houses the built-in microphone for music sync.
- **Power Adapter:** Converts AC power to the required 12V DC power for the LED strip.
- **IR Remote Control:** A handheld remote for basic control of colors, modes, and brightness.

5. INSTALLATION GUIDE

Follow these steps for proper installation of your LED strip lights:

1. **Prepare the Surface:** Choose a clean, dry, and smooth surface for installation. Wipe the surface thoroughly to remove

any dust or debris. A clean surface ensures optimal adhesion.



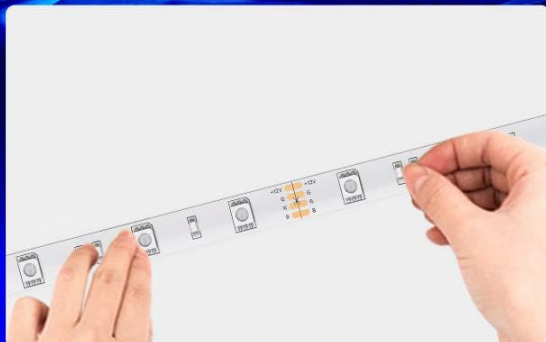
Step 1:

**Clean and Wipe the surface where
you want to use this led lightstrips.**



Step 2:

Tear back adhesive



Step3 :

Stick this strip lights

Image: A hand wiping a surface with a cloth, illustrating the first step of cleaning the installation area.

2. **Peel and Stick:** Carefully peel off the backing from the double-sided adhesive tape on the back of the LED strip. Begin sticking the strip to your desired surface, pressing firmly along its length for at least 10-15 seconds to ensure strong adhesion.



Image: A visual guide showing the steps of wiping a surface, sticking the LED strip, and important warnings about not folding LED components and ensuring curvature when bending.

3. **Bending and Corners:** When navigating corners or curves, ensure to bend the strip with a gentle curvature. **Do not fold the LED components** or bend the strip at sharp 90-degree angles, as this can damage the internal circuitry.
4. **Connect Components:** Connect the LED strip to the control box, and then connect the control box to the power adapter. Ensure all connections are secure.
5. **Plug In:** Plug the power adapter into a standard electrical outlet.



Image: An example of installed LED strip lights illuminating a living room, with a smartphone displaying the control app interface.

6. OPERATING INSTRUCTIONS

Your DAYBETTER LED strip lights can be controlled using either the dedicated mobile application via Bluetooth or the included IR remote control.

6.1. App Control (Bluetooth)

The mobile application provides comprehensive control over your LED strip lights.

1. **Download the App:** Scan the QR code on the control box or in the manual to download the recommended app (e.g., 'HappyLighting' or similar, as specified in your package). The app is compatible with both Apple and Android devices.
2. **Enable Bluetooth:** Ensure Bluetooth is enabled on your smartphone.
3. **Open the App:** Launch the app. It should automatically detect and connect to your LED strip lights. If not, follow the in-app instructions to add a device.

4. **Control Functions:** Within the app, you can:

- Change colors (DIY colors and brightness).
- Select various lighting modes.
- Adjust brightness levels.
- Activate music sync mode.
- Set smart timing schedules.



Image: A smartphone showing the color wheel and brightness controls within the app, with an IR remote control visible in the background.

6.2. IR Remote Control

The 24-key IR remote control offers convenient access to basic functions.

- **Power On/Off:** Use the 'ON' and 'OFF' buttons to turn the lights on or off.
- **Color Selection:** Press the colored buttons to select static colors.
- **Brightness Adjustment:** Use the brightness up/down buttons to adjust the light intensity.

- **Mode Selection:** Cycle through various dynamic modes using the mode buttons.

Note: For optimal remote performance, point the remote directly at the IR receiver on the control box. Obstructions may interfere with the signal.



Image: Illustrates how both the smartphone app and the IR remote can be used to change brightness and lighting modes.

7. KEY FEATURES

7.1. Music Sync

The built-in microphone in the control box allows the LED lights to synchronize with music or ambient sounds, creating a dynamic lighting experience.

- Activate this feature through the mobile app.
- The lights will change color and intensity in rhythm with the audio detected by the microphone.



Image: The app's music interface with musical notes and people enjoying a party, demonstrating the music sync feature.

7.2. Smart Timing Settings

Utilize the app's timer function to automate your lighting.

- Set specific times for the LED lights to turn on or off.
- Schedule color changes at predetermined intervals.



Image: The app's timing settings screen, allowing users to schedule when the lights turn on or off, with a person waking up in a softly lit room.

7.3. DIY Colors and Brightness

The app allows for extensive customization of your lighting:

- Create custom colors using the color picker.
- Adjust the brightness level from 1% to 100% to suit any mood or occasion.

8. 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. Do not use liquid cleaners or abrasive materials.
- **Storage:** If storing the lights, ensure they are clean and dry. Roll them loosely to avoid damaging the LEDs or adhesive.
- **Adhesive Care:** The adhesive is strong but can lose effectiveness if repeatedly repositioned. Ensure the initial installation surface is clean and dry.

9. TROUBLESHOOTING

If you encounter issues with your DAYBETTER LED strip lights, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lights do not turn on.	• Power adapter not connected. • Loose connection between components. • Faulty power outlet. • Damaged LED strip.	• Ensure power adapter is securely plugged into a working outlet. • Check all connections between the strip, control box, and power adapter. • Test the outlet with another device. • If only part of the strip is off, check for cuts or damage.

Problem	Possible Cause	Solution
IR Remote not working.	• Remote battery is dead. • Obstruction between remote and control box. • Remote not pointed at IR receiver.	• Replace the remote battery. • Ensure a clear line of sight between the remote and the control box's IR receiver. • Point the remote directly at the control box.
App cannot connect to lights.	• Bluetooth is off on phone. • App not properly installed or updated. • Lights are out of Bluetooth range. • Interference.	• Enable Bluetooth on your smartphone. • Restart the app or reinstall it. • Move closer to the control box. • Ensure no other Bluetooth devices are causing interference.
Colors on remote/app do not match lights.	• Color calibration issue. • Remote button mapping discrepancy.	• Some remotes may have slight color discrepancies. Use the app for precise color selection. • Experiment with different color buttons on the remote to find desired shades.
Music Sync not responsive.	• Microphone obstructed. • Ambient noise too low. • Microphone sensitivity setting.	• Ensure the control box's microphone is not covered. • Increase music volume or place the control box closer to the sound source. • Check app settings for microphone sensitivity adjustments.

10. PRODUCT SPECIFICATIONS

Feature	Detail
Model Number	FLSLB503275RGB-DBUS
Brand	DAYBETTER
Length	50 feet
Light Source Type	LED
Light Color	Multicolor (RGB)
Control Method	App (Bluetooth), IR Remote
Special Features	Color Changing, Dimmable, Music Sync, Timer, App Control, Microphone

Feature	Detail
Indoor/Outdoor Usage	Indoor
Voltage	12 Volts
Wattage	24 watts
Material	FPC (Flexible Printed Circuit)
Water Resistance Level	Not Water Resistant

11. WARRANTY AND SUPPORT

DAYBETTER products are manufactured with quality and performance in mind. For specific warranty details, please refer to the product packaging or contact DAYBETTER customer support.

If you require further assistance, have questions, or encounter issues not covered in this manual, please contact DAYBETTER customer support through the official brand website or your purchase platform. When contacting support, please have your product model number (FLSLB503275RGB-DBUS) and purchase information readily available.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question