

DAYBETTER

DAYBETTER LED Strip Lights User Manual

Model: FLST-RGB-501215



Image: DAYBETTER LED Strip Lights product packaging, showing the LED reels, remote control, and power adapter.

1. INTRODUCTION

The DAYBETTER LED Strip Lights provide versatile and vibrant lighting solutions for various indoor applications. This 100-foot LED light strip features SMD 5050 LEDs, offering dimmable brightness and a wide range of color-changing modes. It is controlled via a 44-key IR remote, allowing for easy customization of your lighting environment. The strips are designed for simple installation with adhesive backing and can be cut to desired lengths.

- **Versatile Lighting:** Features SMD 5050 LEDs with dimmer and brightness control, plus RGB and color-changing modes.
- **Remote Control:** Includes a 44-key IR remote for changing 20 colors and 8 light modes.
- **Easy Installation:** Equipped with adhesive tape for secure attachment to any dry, clean, and smooth surface.
- **Safety Features:** Designed with short circuit protection and operates at a safe working voltage of 24 volts.
- **Customizable Length:** Cuttable every 3 LEDs along designated cutting marks to fit specific installation needs.

2. SETUP INSTRUCTIONS

Follow these steps to properly set up your DAYBETTER LED Strip Lights:

1. **Prepare the Surface:** Clean and wipe the surface where you intend to install the LED light strips. Ensure the surface is dry, clean, and smooth for optimal adhesion.
2. **Connect Components:**
 - Connect the power adapter to the IR receiver.
 - Connect the two 50ft LED strip rolls to the designated ports on the IR receiver. Ensure the arrow on the strip connector aligns with the +12V mark on the IR receiver for correct polarity.
3. **Apply the LED Strips:** Carefully tear back the adhesive film from the LED strip and firmly stick the strip to the prepared surface. Press along the strip to ensure full contact and secure adhesion.
4. **Power On:** Plug the power adapter into a standard electrical outlet.
5. **Activate Remote:** Before first use, pull out the plastic film from the battery compartment of the 44-key IR remote control.

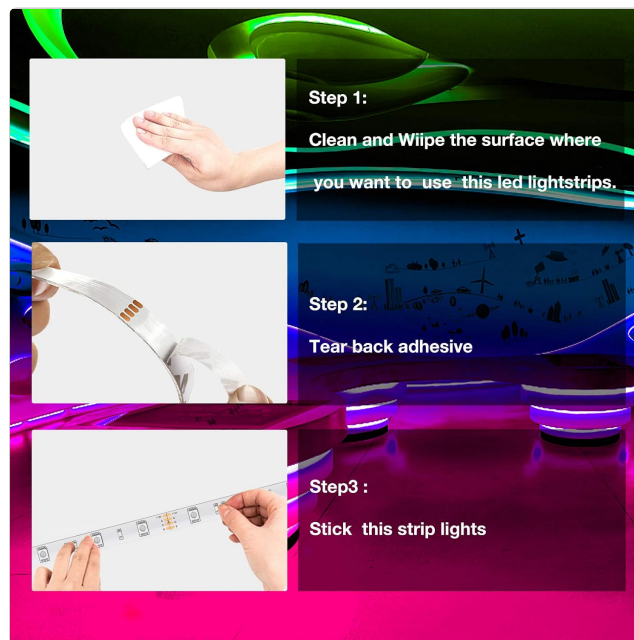


Image: Easy to install diagram, illustrating the connection of the power adapter, IR receiver, and two LED strip rolls, with an arrow indicating correct polarity.

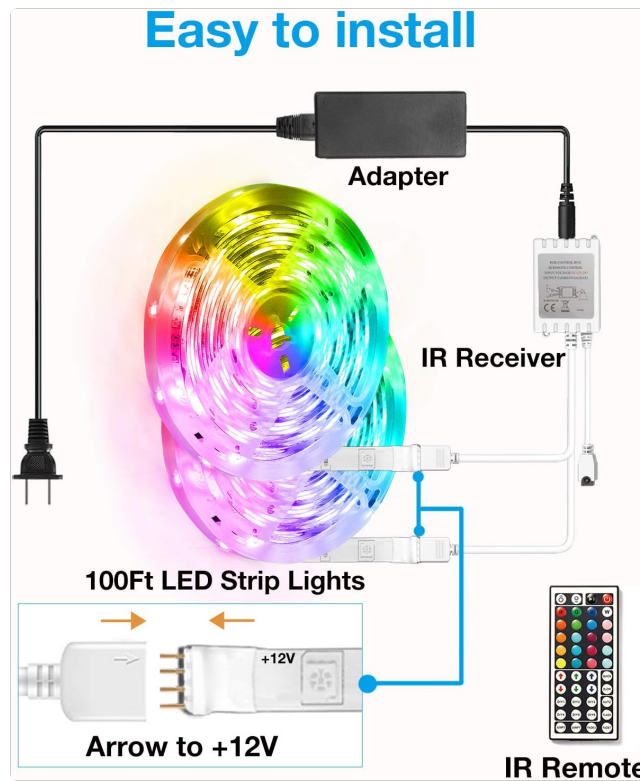


Image: Step-by-step guide for installation, showing surface cleaning, peeling the adhesive, and applying the strip.

3. OPERATING INSTRUCTIONS

The DAYBETTER LED Strip Lights are operated using the included 44-key IR remote control. Ensure the remote is pointed towards the IR receiver for proper function.

Remote Control Functions:

- **Power On/Off:** Press the red power button to turn the lights on or off.
- **Brightness Adjustment:** Use the 'Bright+' and 'Bright-' buttons to increase or decrease the light intensity.
- **Color Selection:** Press any of the 20 color buttons to select a static color.
- **DIY Colors:** Use the 'DIY1', 'DIY2', 'DIY3', 'DIY4', 'DIY5', 'DIY6' buttons to create and save custom colors.

Follow the instructions below to set a DIY color:

- a. Press one of the 'DIY' buttons.
 - b. Use the R/G/B up/down arrows to adjust the intensity of red, green, and blue components.
 - c. Press the same 'DIY' button again to save the custom color.
- **Mode Selection:** Choose from 8 dynamic light modes:
 - **FLASH:** Rapidly cycles through colors.
 - **STROBE:** Flashes a single color.
 - **FADE:** Smoothly transitions between colors.
 - **SMOOTH:** Gradual change between colors.
 - **JUMP3:** Jumps between 3 preset colors.
 - **JUMP7:** Jumps between 7 preset colors.
 - **FADE3:** Fades between 3 preset colors.
 - **FADE7:** Fades between 7 preset colors.
 - **Speed Adjustment:** Use the 'QUICK' and 'SLOW' buttons to adjust the speed of dynamic modes.

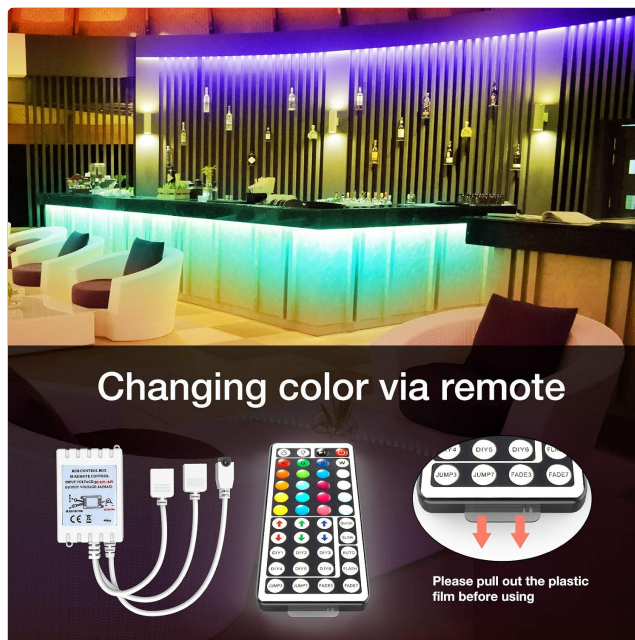


Image: Remote control diagram, highlighting the various buttons for color selection, brightness, and modes.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your LED strip lights.

- **Cleaning:** Gently wipe the LED strips with a dry, soft cloth to remove dust. Do not use liquid cleaners or abrasive materials, as this may damage the LEDs or the adhesive.
- **Adhesive Care:** If the adhesive begins to lose its stickiness over time, especially in areas exposed to heat or frequent movement, you may reinforce it with additional double-sided adhesive tape or light-duty command hooks.
- **Cutting the Strips:** The LED strips can be cut to length at designated cutting marks, typically indicated by copper pads every 3 LEDs. Ensure the power is disconnected before cutting. Cutting at any other point will damage the circuit and prevent the section from lighting up.
- **Handling:** Avoid bending the LED strips sharply or applying excessive force, as this can damage the internal circuitry.
- **Environment:** These lights are designed for indoor use and are not water-resistant. Avoid exposure to moisture or extreme temperatures.

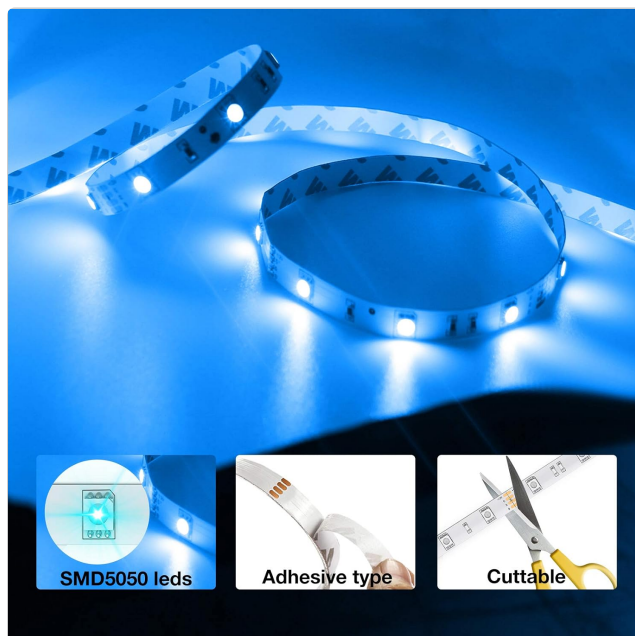


Image: Detailed view of the LED strip, showing SMD5050 LEDs, the adhesive backing, and the scissor icon indicating cuttable points.

5. TROUBLESHOOTING

If you encounter issues with your DAYBETTER LED Strip Lights, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, faulty power adapter/IR receiver.	Ensure power adapter is securely plugged into a working outlet. Check all connections between the adapter, IR receiver, and LED strips. Verify the arrow on the strip connector aligns with +12V on the receiver.
Remote control not working.	Battery issue, IR receiver blocked, remote out of range.	Ensure the plastic film is removed from the remote's battery compartment. Replace the remote battery (3 A batteries required, not included). Point the remote directly at the IR receiver and ensure no obstructions.
Lights flicker or display incorrect colors.	Loose connection, power supply issue, damaged strip section.	Check all connections for looseness. Ensure the power adapter is providing stable 24V. If only a section flickers, that part of the strip might be damaged.
Adhesive not sticking.	Surface not clean/dry, surface texture, environmental factors.	Ensure the installation surface is thoroughly cleaned and dry before application. For textured or porous surfaces, consider using additional adhesive clips or stronger double-sided tape. Avoid installing in areas with high humidity or extreme temperature fluctuations.
Only part of the strip lights up.	Incorrect cutting, damaged circuit.	Ensure cuts were made only at the designated cutting marks. If a section is dead, it may indicate a damaged circuit in that segment.

6. SPECIFICATIONS

Feature	Detail
Brand	DAYBETTER
Model Number	FLST-RGB-501215
Light Source Type	LED (SMD 5050)
Total Length	100 feet (2 x 50ft rolls)
Color	Multicolor (RGB, Red, Blue, etc.)
Voltage	24 Volts
Wattage	36 watts
Control Method	IR Remote Control (44-key)

Feature	Detail
Indoor/Outdoor Usage	Indoor
Water Resistance Level	Not Water Resistant
Included Components	LED Strip Lights, IR Remote Control, Power Adapter, IR Receiver
Item Weight	12.6 ounces
Package Dimensions	9.96 x 8.74 x 0.67 inches

7. WARRANTY AND SUPPORT

DAYBETTER products are designed for quality and reliability. For specific warranty details and support inquiries, please refer to the information provided at the time of purchase or contact DAYBETTER customer service directly.

- **Return Policy:** This product typically comes with a 30-day return policy for refund or replacement, subject to the retailer's terms and conditions.
- **Manufacturer:** DAYBETTER
- **Seller:** DAYBETTER US
- For further assistance, please visit the official DAYBETTER store or contact their customer support channels.

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

Email

you@example.com

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