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› HitLights Eclipse Pre-Cut LED Strip Lights User Manual

HitLights db629331-c3c4-4a4c-9235-9dba8a2407d9

HitLights Eclipse Pre-Cut LED Strip Lights

Model: db629331-c3c4-4a4c-9235-9dba8a2407d9

INTRODUCTION

Thank you for choosing HitLights Eclipse Pre-Cut LED Strip Lights. This manual provides essential information for the safe and effective installation, operation, and maintenance of your LED lighting kit. Please read these instructions thoroughly before use and retain them for future reference.

WHAT'S IN THE BOX

Your HitLights Eclipse LED Strip Light kit includes the following components:

- 12V DC compact power supply
- Eclipse RGB controller / RF remote controller (21-key)
- Three (3) one-foot RGB Eclipse LED strip lights (5050 LED type)
- Three (3) one-foot plug and play extension wires with 4-pin input and output plugs
- Eight (8) adhesive-backed wire clips

SAFETY INFORMATION

Please observe the following safety precautions:

- Ensure the power supply is disconnected before installation or maintenance.
- This product is designed for **Indoor Use Only**. Do not expose to water or high humidity.
- Use only the provided power supply. Using an incompatible power supply may damage the product and void the warranty.
- Do not cut the LED strips unless specifically instructed and using designated cut marks. Cutting elsewhere will damage the strip.
- Keep out of reach of children.
- Avoid bending the LED strips sharply, as this can damage the internal circuitry.

SETUP INSTRUCTIONS

1. **Plan Your Layout:** Before removing any adhesive backing, plan where you want to install the LED strips. Ensure the length

is sufficient and the power supply can reach an outlet.

2. **Prepare the Surface:** Clean the installation surface thoroughly. It must be dry, smooth, and free of dust, oil, or debris for optimal adhesive performance.
3. **Apply LED Strips:** Carefully peel the blue 3M adhesive backing from the LED strip. Press the strip firmly onto the prepared surface, working in small sections to avoid bubbles.
4. **Connect LED Strips and Extensions:** Connect the LED strips to each other or to the extension wires using the 4-pin connectors. Ensure the arrows on the connectors align for proper polarity.

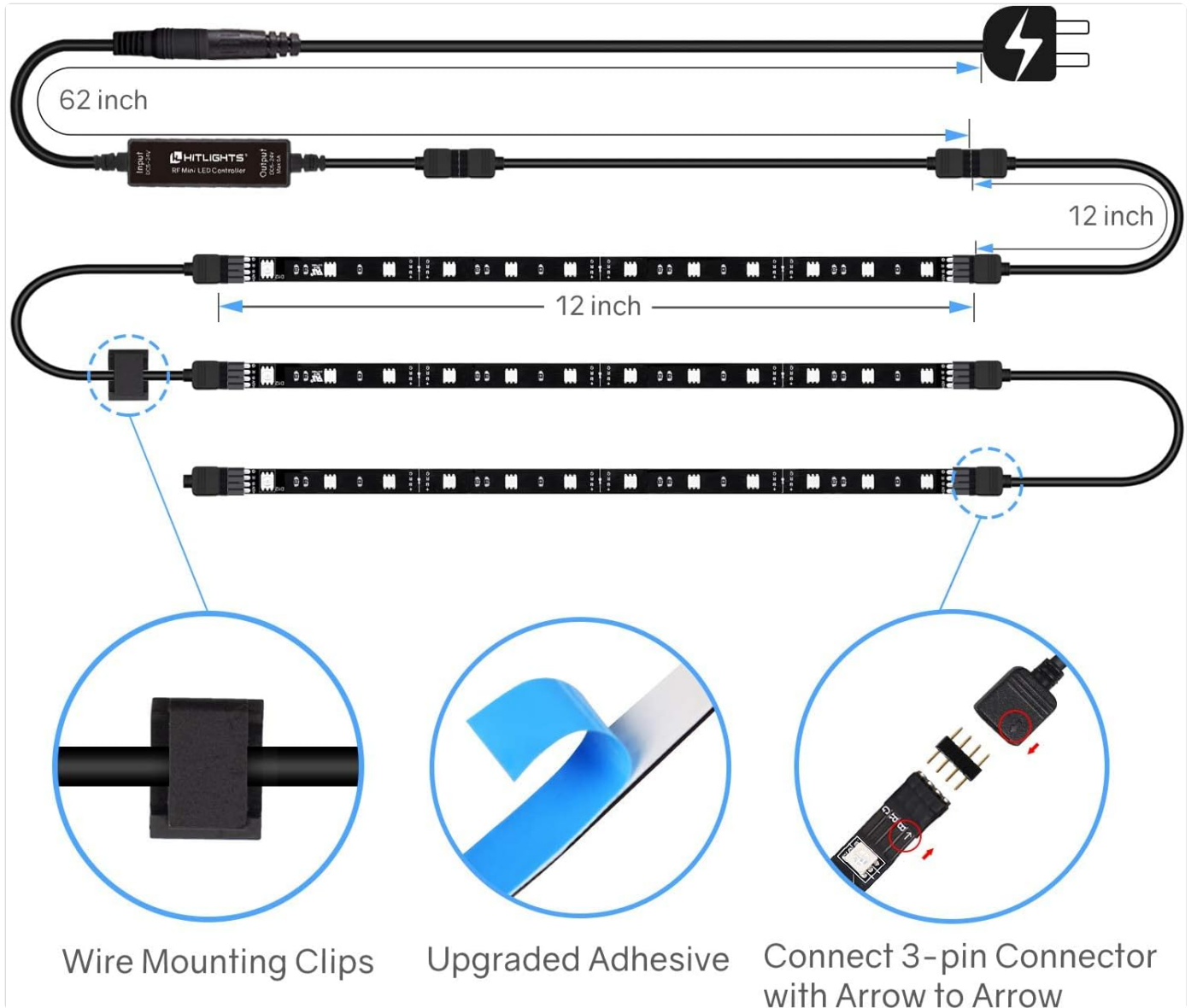


Figure 1: Kit components and connection method. Note the arrow-to-arrow alignment for connectors.

5. **Secure Wires:** Use the provided adhesive-backed wire clips to neatly secure any loose wires or extension cables, preventing them from hanging or being damaged.
6. **Connect Power Supply:** Connect the 4-pin output from the last LED strip or extension wire to the RGB controller. Then, connect the compact power supply to the RGB controller.
7. **Plug In:** Plug the power supply into a standard 12V DC electrical outlet.

OPERATING INSTRUCTIONS

Your HitLights Eclipse LED Strip Lights are controlled by the included 21-key RF remote.



Figure 2: The 21-key RF remote control for your LED strips.



Figure 3: RF remote control features and range.

Remote Control Functions:

- **On/Off:** Press the **On** button to turn the lights on, and **Off** to turn them off.
- **Color Selection:** Press any of the 12 color buttons to select a static color (Red, Blue, Green, Yellow, Purple, White, etc.).
- **Brightness Adjustment:** Use the **S+** and **S-** buttons to increase or decrease the brightness of the selected color or dynamic mode.
- **Dynamic Modes:** The remote offers 19 dynamic modes. Press the **M+** and **M-** buttons to cycle through various flashing, fading, and jumping patterns.
- **Flashing Speed Adjustment:** When a dynamic mode is active, use the sun icon buttons (up/down arrows) to adjust the speed of the pattern.
- **AUTO:** Press the **AUTO** button to automatically cycle through the dynamic modes.

The RF remote control operates within an effective distance of 49-66 feet (15-20 meters) and offers 360-degree control, meaning it does not require direct line-of-sight to the receiver.

Maintenance

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

- **Cleaning:** Gently wipe the LED strips with a soft, dry cloth to remove dust. Do not use liquid cleaners or abrasive materials. Ensure the power is off before cleaning.
- **Connection Check:** Periodically inspect all connections (strip to strip, strip to extension, controller to power supply) to ensure they are secure. Loose connections can cause flickering or inconsistent lighting.
- **Adhesive Integrity:** If the adhesive begins to lose its grip, you can reinforce it with additional adhesive clips or a suitable double-sided tape designed for LED strips.

Troubleshooting

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

Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, remote battery dead.	Check power outlet. Ensure all connections are secure. Replace remote battery.
Remote control not working.	Remote battery dead, remote too far, interference.	Replace remote battery. Move closer to the receiver. Ensure no major obstructions.
Lights are flickering or inconsistent.	Loose connection, insufficient power.	Check all 4-pin connections for proper alignment (arrow to arrow) and tightness. Ensure the power supply is correctly connected.
Adhesive is not holding.	Surface not clean/dry, improper application.	Ensure surface is clean and dry before application. Apply firm pressure. Use additional wire clips or a stronger adhesive tape if necessary.
Only one color or section lights up.	Incorrect connection polarity, damaged strip.	Verify all 4-pin connectors are aligned arrow-to-arrow. Inspect the strip for visible damage.

Specifications

Feature	Detail
Brand	HitLights
Model Number	db629331-c3c4-4a4c-9235-9dba8a2407d9
Light Source Type	LED (5050 type)
Light Color	Multicolor (RGB)
Voltage	12 Volts
Power Source	Corded Electric
Controller Type	RF Remote Control (21-key)
Connectivity Technology	Radio Frequency
Indoor/Outdoor Usage	Indoor

Feature	Detail
Water Resistance Level	Not Water Resistant
Material Type	Polycarbonate, Vinyl
Item Length (Total)	36 inches (3 x 12-inch strips)
Number of Light Sources	3 (individual strips)

WARRANTY AND SUPPORT

HitLights products are backed by a **ONE-year warranty** from the date of purchase, providing peace of mind. For any questions regarding purchasing, installation, troubleshooting, or replacement, please contact our US-based customer service team. Our team is available to provide no-hassle support. Please refer to your purchase documentation or the HitLights official website for the most current contact information.

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