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› Power Practical LED Strip Lights Backlight User Manual - Pro: Small (<24 in TV)

Power Practical 4330178457

Power Practical LED Strip Lights Backlight User Manual

Model: 4330178457 (Pro: Small <24 in TV)

1. INTRODUCTION

The Power Practical LED Strip Lights Backlight is designed to enhance your viewing experience by providing ambient bias lighting behind your television or computer monitor. This system helps reduce eye strain and improves perceived contrast, making colors appear richer and blacks deeper. This manual provides instructions for the proper installation, operation, and maintenance of your LED strip lights.

Easy to Install & Use Anywhere



Figure 1.1: Visual comparison demonstrating the benefits of bias lighting on a TV screen, highlighting reduced eye strain and enhanced contrast.

2. PRODUCT CONTENTS

Verify that all components are present in your package:

- One (1) 39-inch LED strip light
- Pre-applied 3M adhesive backing
- One (1) Wireless remote control

3. SETUP INSTRUCTIONS

Follow these steps for optimal installation:

1. **Clean the Surface:** Ensure the back of your TV or monitor is clean and free of dust or grease. Use a mild cleaner and allow the surface to dry completely.
2. **Plan Placement:** Before removing the adhesive backing, temporarily position the LED strip around the edges of your screen to determine the best layout. The strip is designed with flexible corners for easy bending.
3. **Apply the LED Strip:** Carefully peel off the red protective film from the 3M adhesive backing. Starting from one corner, firmly press the LED strip onto the back of your screen, following your planned layout. Apply consistent pressure along the entire length of the strip to ensure secure adhesion.
4. **Connect to USB Power:** Plug the USB connector of the LED strip into an available USB port on your TV, monitor, or a USB wall adapter. The lights are designed to power on and off with most TVs when connected to a TV's USB port.

Enjoy a More Vivid Viewing Experience

With Luminoodle Professional Bias Lighting



- Richer colors
- Greater contrast
- Less eye strain

15 LED color options &
10 brightness modes.

Figure 3.1: Example installation of the LED strip lights on the back of a television, illustrating proper placement and USB connection.

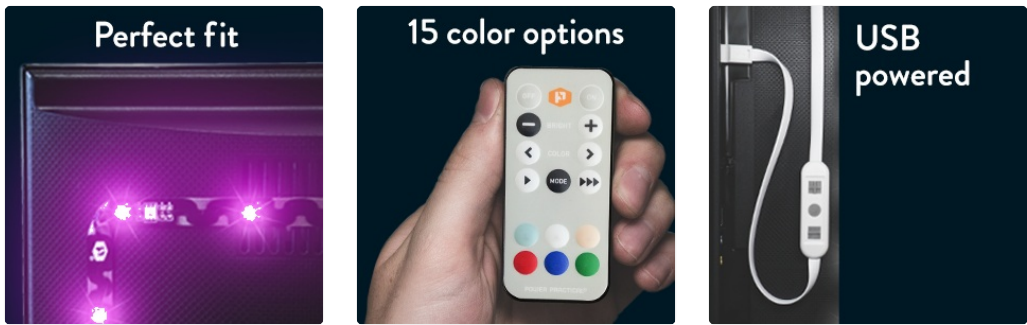


Figure 3.2: Details of the flexible corners, durable 3M adhesive, and USB power connection.

4. OPERATING INSTRUCTIONS

Control your LED strip lights using the included wireless remote:

- **Power On/Off:** If connected to a TV's USB port, the lights will typically turn on and off with the TV. Use the 'ON' and 'OFF' buttons on the remote for manual control.
- **Brightness Adjustment:** Use the 'BRIGHT +' and 'BRIGHT -' buttons to cycle through 10 different brightness levels.
- **Color Selection:** Press the 'COLOR <' or 'COLOR >' buttons to cycle through 15 distinct color options. Alternatively, use the pre-set color buttons at the bottom of the remote for direct selection.
- **Mode Selection:** The 'MODE' button cycles through various dynamic lighting effects. Use the 'MODE <<' and 'MODE >>' buttons to adjust the speed of these effects.

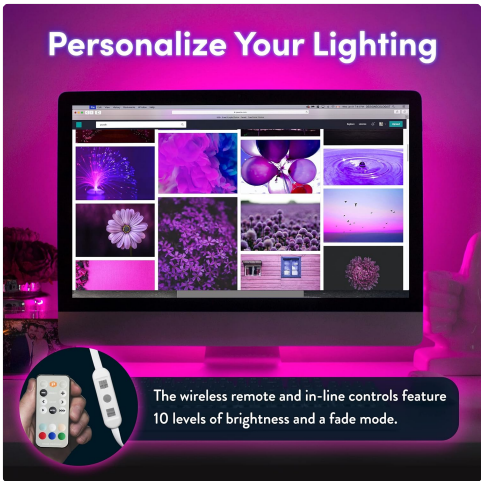


Figure 4.1: Wireless remote control for adjusting light settings.

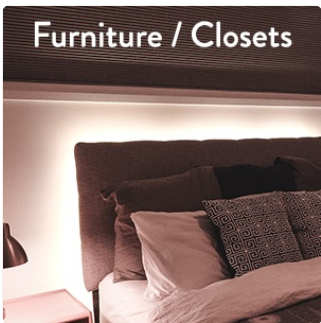


Figure 4.2: Remote control with 15 color options.

5. MAINTENANCE

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

- **Cleaning:** Gently wipe the LED strip with a dry, soft cloth to remove dust. Avoid using liquid cleaners directly on the strip.
- **Adhesive Care:** The 3M adhesive is designed for strong, long-lasting hold. Avoid repeatedly removing and re-applying the strip, as this can weaken the adhesive.
- **Remote Battery:** The remote control requires 1 CR2 battery. If the remote's responsiveness decreases, replace the battery. Ensure correct polarity when inserting the new battery.
- **Indoor Use Only:** This product is designed for indoor use and is not water-resistant. Avoid exposure to moisture or extreme temperatures.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Lights do not turn on.	No power to the USB port.	Ensure the TV or USB power source is on. Try a different USB port or a USB wall adapter.
Lights do not turn off with the TV.	Some TV USB ports supply continuous power.	Use the remote control to manually turn off the lights. Consider a USB power switch if automatic off is desired.
Remote control is not working.	Dead battery or obstruction.	Replace the CR2 battery in the remote. Ensure there are no obstructions between the remote and the LED strip's receiver.
LED strip is falling off.	Improper surface preparation or weakened adhesive.	Ensure the surface was clean and dry during installation. Re-secure with additional adhesive tape if necessary.

7. SPECIFICATIONS

- **Model Number:** 4330178457
- **UPC:** 855640004334
- **Color:** White (LEDs produce 15 color options)
- **Light Source Type:** LED
- **Power Source:** USB
- **Voltage:** 5 Volts
- **Wattage:** 5 watts

- **Color Temperature:** 6500 Kelvin (True White)
- **Strip Length:** 39 inches (for <24 inch TVs)
- **Item Weight:** 2.4 ounces
- **Product Dimensions:** 5 x 5 x 0.5 inches (packaging)
- **Controller Type:** Remote Control
- **Battery Requirement:** 1 CR2 battery (for remote)
- **Indoor/Outdoor Usage:** Indoor only
- **Water Resistance Level:** Not Water Resistant

8. WARRANTY AND SUPPORT

Power Practical is committed to providing high-quality products. If you have any questions or concerns regarding your LED Strip Lights Backlight, please contact our customer support. We aim to respond to all inquiries within 24 hours. For support, please refer to the contact information provided with your purchase or visit the official Power Practical website.

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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