BASON LIGHTING U2M4AC112W-60IN

BASON LIGHTING TV LED Backlight User Manual
Model: U2M4AC112W-60IN

1. PRODUCT OVERVIEW

The BASON LIGHTING TV LED Backlight is designed to enhance your viewing experience by providing ambient lighting behind your 60-70 inch television or monitor. This bias lighting system helps reduce eye strain by minimizing the contrast between the bright screen and a dark room. It features 4096 DIY colors, 16 levels of brightness, and various dynamic modes, all controllable via an included remote.
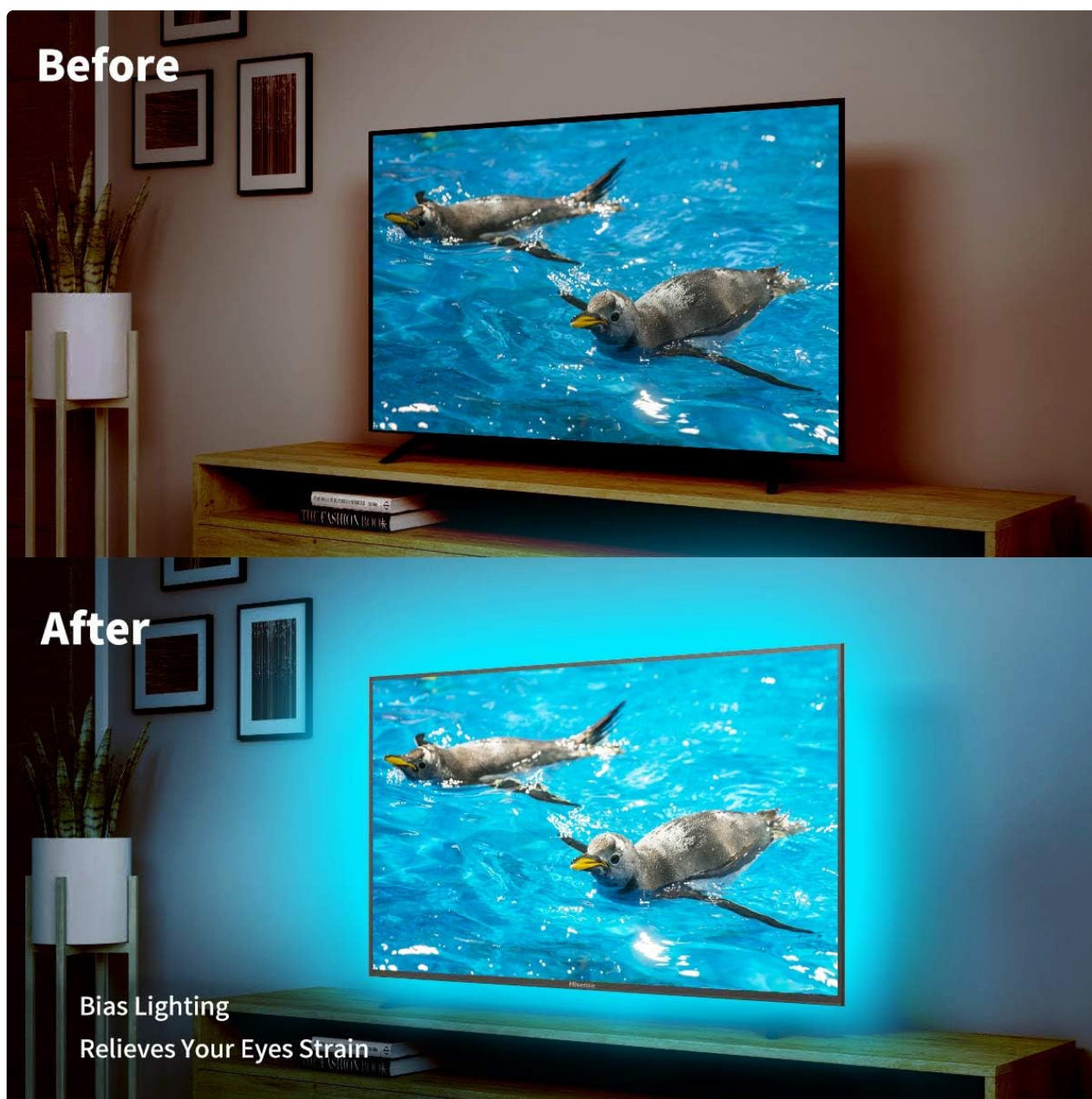

Image 1.1: Illustration of the visual difference with and without bias lighting, demonstrating reduced eye strain.

2. PACKAGE CONTENTS

Please verify that all components are present in your package:

- 1 x 14.76ft LED Strip (with integrated receiver)
- 1 x 24-Key Remote Control (CR2025 battery included)
- 1 x 5V USB Cable
- 5 x 3M Adhesive Clips
- 1 x Alcohol Pad
- 1 x User Manual (this document)

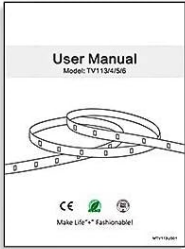# PARTS DETAILS

LED Strip x 1 (With receiver)	USB Cable x 1
Remote control x 1 (CR2025 battery inserted)	User Manual x 1
Alcohol Pad x 1	3M Adhesive x 1

Image 2.1: A visual representation of all items included in the product package, such as the LED strip, remote, USB cable, and mounting accessories.

3. INSTALLATION GUIDE

Follow these steps for proper installation of your TV LED Backlight:

1. **Prepare the Surface:** Ensure the back of your TV or monitor is clean and dry. Use the included alcohol pad to wipe down the area where the LED strip will be adhered. Allow it to dry completely.

2. **Plan the Layout:** For optimal lighting, plan to install the LED strip around the perimeter of the TV's back. The 14.76ft strip is designed for 60-70 inch TVs. The strip consists of multiple segments connected by flexible ribbon cables, allowing for easy corner turns.

3. **Attach the LED Strip:** Carefully peel off the adhesive backing from the LED strip. Begin attaching the strip from one corner of your TV, pressing firmly along the entire length to ensure good contact. The unique strong 3M foam adhesive and included 3M clips help secure the strip.

4. **Position the Receiver:** The mini receiver is integrated into the LED strip. Position it so that it is not obstructed, allowing for optimal signal reception from the remote control. It can be well hidden behind the TV.

5. **Connect to Power:** Plug the USB cable into the LED strip's receiver and then into a 5V USB port on your TV. The light strip is designed to synchronize with most TV models, turning on and off with the TV's power. If your TV does not have a USB port or does not power off the USB port when the TV is off, you can use any standard 5V USB power adapter (not included).

Image 3.1: A visual guide showing the LED strip installed on the back of a TV, with the USB cable connected and the remote control nearby.

USB powered

switch on/off the light and TV synchronously.

Hide this signal receiver

Mini shape but a wider angle of signal reception,

now say goodbye to messy cables.

Image 3.2: Detailed view of the USB power connection point and the compact signal receiver, highlighting how it can be discreetly placed.

4. OPERATING INSTRUCTIONS

Your BASON LIGHTING TV LED Backlight is controlled by the included 24-key remote control.

4.1 Remote Control Functions

- **Power Button:** Turns the LED lights on or off.
- **Brightness Control:** Adjusts the light intensity across 16 levels.
- **Color Selection:** Choose from 4096 DIY colors by pressing the dedicated color buttons or using the R/G/B adjustment buttons for fine-tuning.
- **Dynamic Modes:** Select from 6 dynamic flickering modes for various visual effects.
- **Sleep Mode:** Activates a gentle orange ambient light that automatically turns off after 30 minutes.

RGB STRIP LIGHTS
- DIY 4096 COLORS

Image 4.1: Display of the LED strip showcasing its ability to produce 4096 DIY colors, highlighting the customization options.

Uniquely designed R/G/B mixed dimming, it is not only RGB(Red, Green, Blue), max 4096 DIY colors,8 levels brightness ,6 dynamic flashing mode.

Image 4.2: A hand holding the remote control, demonstrating its use to change colors and modes on a TV backlight setup.

5. TIMING MODE

The sleep mode feature is designed for convenience and energy saving. Press the designated sleep mode button on the remote control to activate it. The lights will emit a soft orange ambient glow and automatically turn off after 30 minutes. This is particularly useful for falling asleep while watching TV without needing to manually turn off the lights.

TV Backlighting come with a sleeping mode with the orange ambient light. Press to open and auto off after 30 minutes. No more worrying about falling asleep without turning off the lights.

Image 5.1: An illustration of the TV backlight in sleep mode, casting a warm orange ambient light in a bedroom setting.

6. CARE AND MAINTENANCE

To ensure the longevity and optimal performance of your LED backlight, follow these care guidelines:

- **Cleaning:** Gently wipe the LED strip with a dry, soft cloth to remove dust. Do not use liquid cleaners or abrasive materials.
- **Water Resistance:** This product is **not waterproof**. Avoid exposure to water or high humidity. It is designed for indoor use only.
- **Power Source:** Always use a 5V USB power source. Using a higher voltage power supply can damage the LED strip.
- **Heat Generation:** The LED strip has very low heat generation, ensuring safe operation. However, ensure proper ventilation around the TV.

7. TROUBLESHOOTING

If you encounter issues with your BASON LIGHTING TV LED Backlight, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, or faulty USB port.	Ensure USB cable is securely plugged in. Try a different USB port on the TV or a separate 5V USB power adapter.
Remote control is not working.	Battery drained, IR sensor obstructed, or remote out of range.	Replace the CR2025 battery in the remote. Ensure the remote is pointed towards the IR receiver on the LED strip and there are no obstructions. Move closer to the TV.
Lights do not turn off with the TV.	TV's USB port remains powered when TV is off.	This is normal for some TV models. You will need to manually turn off the lights using the remote, or connect the USB cable to a power source that turns off with your main power strip. Some TVs may power down the USB port after a few minutes.
LED strip is peeling off.	Surface not clean, insufficient pressure during installation, or environmental factors.	Ensure the surface is thoroughly cleaned before application. Apply firm pressure along the entire strip during installation. Use the included 3M adhesive clips for additional security.

8. PRODUCT SPECIFICATIONS

Feature	Specification
Model Number	U2M4AC112W-60IN
LED Strip Length	14.76 feet (for 60-70 inch TVs)
Color Options	4096 DIY Colors (Basic)
Brightness Levels	16 levels
Dynamic Modes	6 flickering modes
Power Source	USB Power (5 Volts)
Wattage	4.5 watts
Control Method	Remote Control
Indoor/Outdoor Usage	Indoor Only
Water Resistance Level	Not Water Resistant
Material	Plastic

Feature	Specification
Item Weight	5.3 ounces (0.33 Pounds)
Batteries Required	1 Lithium Ion (CR2025) (included)

9. WARRANTY AND SUPPORT

BASON LIGHTING products are manufactured with quality and reliability in mind. For specific warranty details, please refer to the product packaging or contact BASON LIGHTING customer support directly. Keep your purchase receipt for warranty claims.

For further assistance, technical support, or inquiries, please visit the official BASON LIGHTING store on Amazon or their official website. You can also refer to the contact information provided on the product packaging.

Thank you for choosing BASON LIGHTING.