



Manuals.plus /

› Nexillumi /

› Nexillumi LED Lights for TV (Model AML012_4M) User Manual

Nexillumi AML012_4M

Nexillumi LED Lights for TV (Model AML012_4M) User Manual

1. INTRODUCTION

Thank you for choosing Nexillumi LED Lights for TV. This product is designed to enhance your viewing experience by providing vibrant RGB backlighting for televisions ranging from 32 to 65 inches. With easy installation, dual control options (app and remote), and dynamic lighting modes including music synchronization, your entertainment setup will be transformed. Please read this manual carefully to ensure proper installation and optimal use of your LED lights.

2. PRODUCT OVERVIEW

The Nexillumi LED Lights for TV offer a versatile lighting solution with the following key features:

- **Vibrant Color Options:** Access to 16 million colors to create diverse ambiances for TV, PC, or laptop viewing.
- **Enhanced Safety:** Operates at a safe 5V voltage, ensuring minimal heat emission and child-friendly touch. Can be powered by a 5V power bank.
- **Dual Control Methods:** Conveniently manage your lights using either the included IR Remote or the dedicated "illumiHome" mobile application.
- **Music Synchronization:** Lights can react and change colors in sync with music, adding an immersive element to your audio-visual experience.
- **Simplified Installation:** Features corner wires designed for seamless bending, eliminating the need for extra connectors and reducing the risk of strip damage.



Figure 1: Nexillum LED Lights for TV with app and remote control options.

3. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x 13.2ft (4M) RGB LED Light Strip
- 1 x IR Remote Controller
- 1 x 5V Powered USB Cable with Controller Box
- 1 x User Manual

4. SAFETY INFORMATION

To ensure safe operation and prevent damage, please observe the following:

- Operate only with a 5V power source. Using a higher voltage may damage the product.
- Do not bend the LED strip sharply, especially at the LED components, to avoid damage.
- Ensure the installation surface is clean, dry, and smooth for optimal adhesive performance.
- Keep the product away from water and high humidity.

- Do not cover the LED strip with flammable materials.
- Unplug the USB cable from the power source before cleaning or when not in use for extended periods.

5. SETUP GUIDE

5.1 Preparation

- Clean the back of your TV or desired installation surface thoroughly. Ensure it is free of dust, dirt, and grease.
- Unroll the LED strip and lay it out to familiarize yourself with its length and the placement of the USB connector.

5.2 Installation Steps

1. **Measure and Plan:** Determine the optimal path for the LED strip around the back of your TV. The 13.2ft strip is suitable for 32-65 inch TVs.
2. **Peel and Stick:** Carefully peel off the adhesive backing from the LED strip. Begin attaching the strip from one corner of the TV, pressing firmly along the path. The strip features flexible corner wires for easy bending without cutting.
3. **Connect Power:** Plug the 5V powered USB cable into the LED strip's connector. Then, insert the USB end into an available USB port on your TV or a 5V USB power adapter.
4. **Position Sensor:** Ensure the IR receiver on the controller box is visible and not obstructed, allowing for proper remote control functionality.



Figure 2: Step-by-step installation guide for the LED strip.

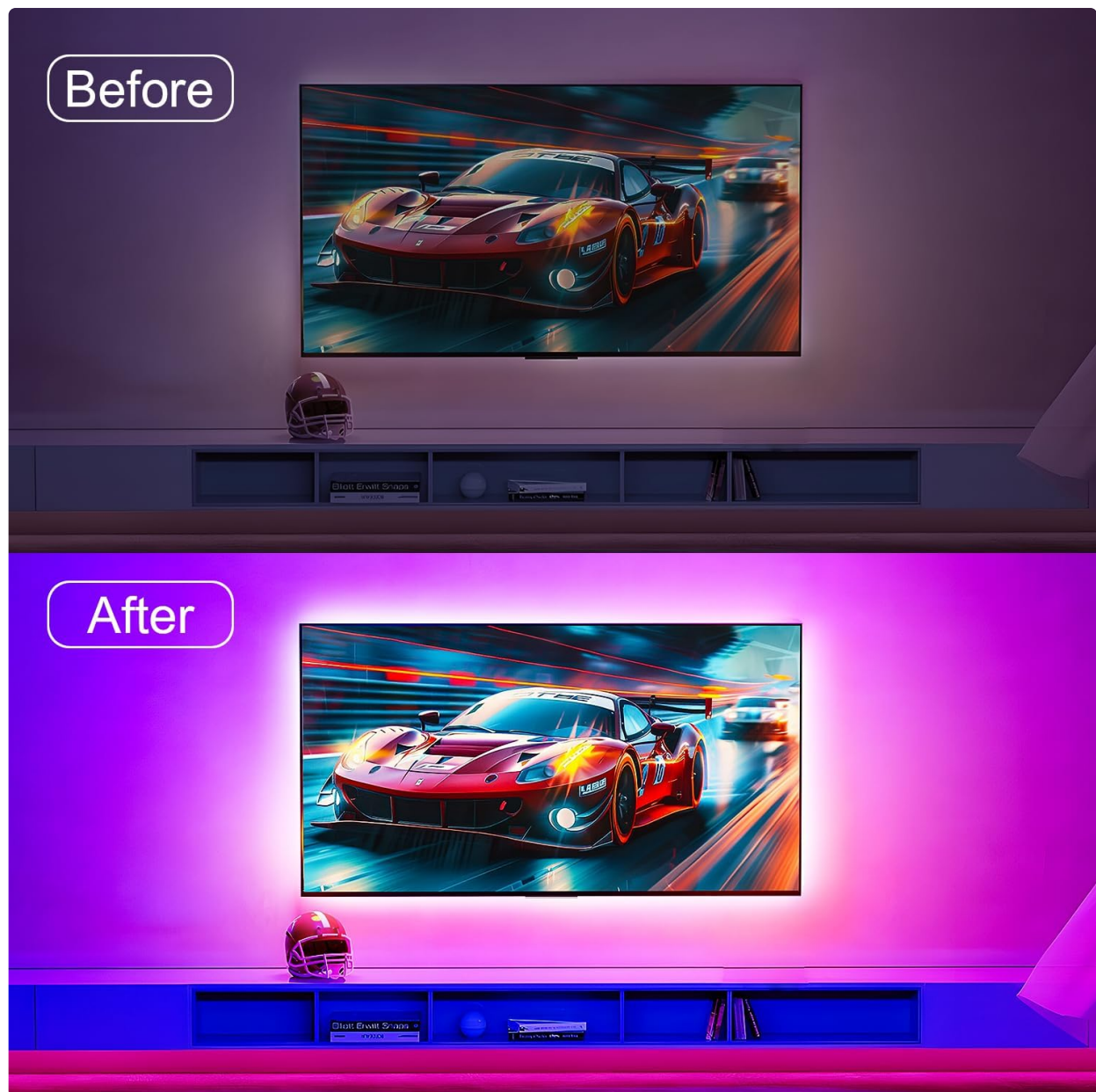


Figure 3: Visual comparison of TV setup before and after LED backlight installation.

6. OPERATING INSTRUCTIONS

6.1 Remote Control Operation

The included IR remote control allows for quick adjustments to your LED lights. Point the remote directly at the IR receiver on the controller box for best results.

- **ON/OFF:** Power the lights on or off.
- **Color Selection:** Choose from various preset colors.
- **Brightness Adjustment:** Increase or decrease the light intensity.
- **Mode Selection:** Cycle through dynamic modes such as Flash, Strobe, Fade, and Smooth.



Figure 4: IR Remote Control for Nexillumi LED Lights.

6.2 "illumiHome" App Control

For advanced control and customization, use the "illumiHome" mobile application.

1. **Download App:** Scan the QR code on the controller box or search for "illumiHome" in your device's app store.
2. **Enable Permissions:** Grant necessary permissions (Bluetooth for operation, Location for Bluetooth functionality, Storage for music features).
3. **Connect:** Activate Bluetooth on your device and open the "illumiHome" app. The app will automatically search for and connect to your LED lights.
4. **Customize:** Use the app interface to select from 16 million colors, adjust brightness, set custom scenes, and utilize the music sync feature.
5. **Timer Function:** Schedule alarms or set specific on/off times for your lights using the app's timer settings.



Figure 5: "illumiHome" App interface for advanced control.

6.3 Music Sync Feature

The music sync feature allows your LED lights to change colors and patterns in response to audio. This creates a dynamic and immersive experience for movies, music, or gaming.

- Activate the music sync mode via the remote control or the "illumiHome" app.
- Ensure the app has microphone access (if using app-based music sync) or that the controller box is positioned to pick up ambient sound.

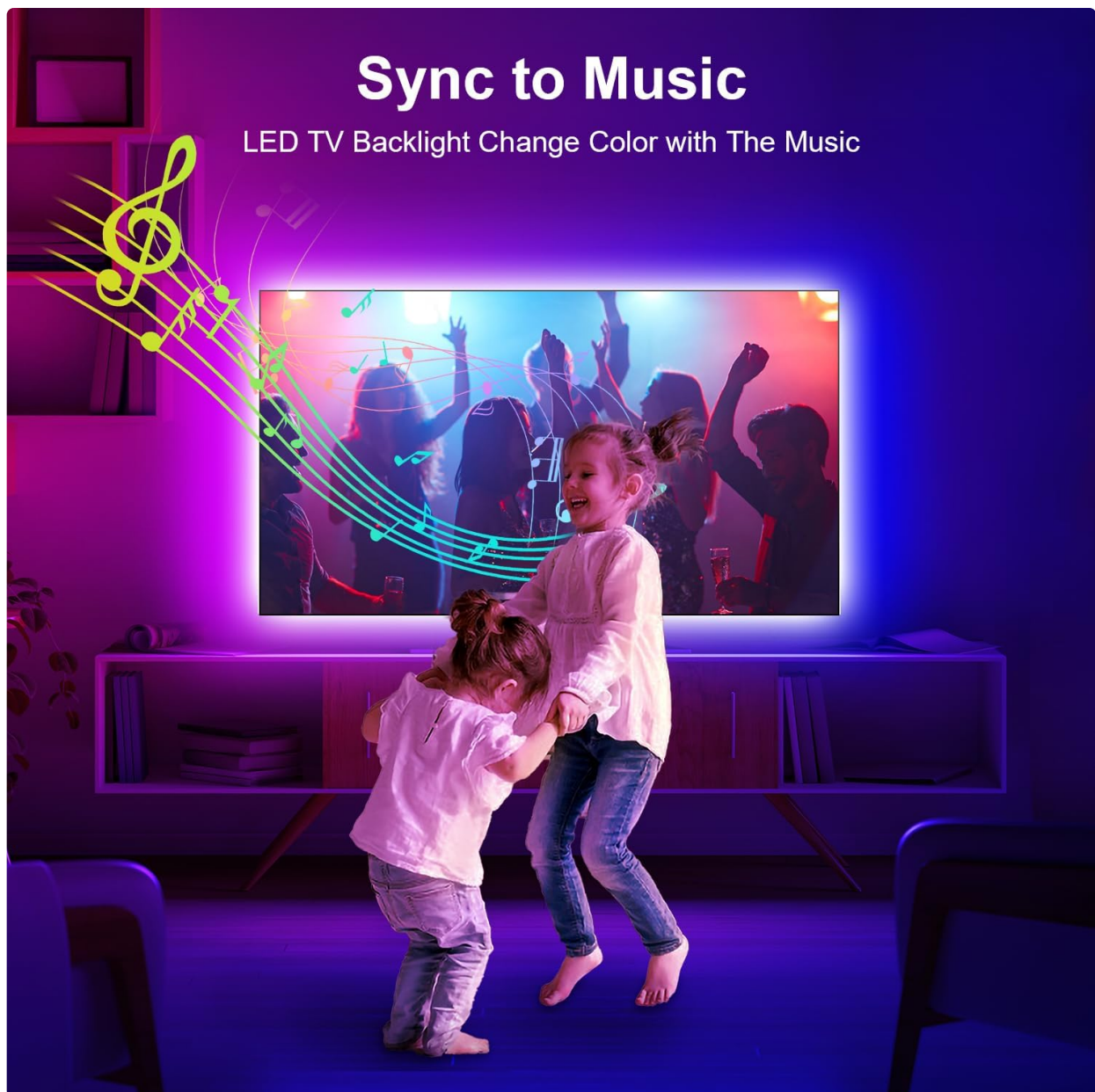


Figure 6: LED Lights synchronizing with music.

Video 1: Demonstration of Flexible LED Light Strips, showcasing various colors and modes.

7. MAINTENANCE

To maintain the performance and longevity of your Nexillumi LED Lights:

- Gently wipe the LED strip with a dry, soft cloth to remove dust. Do not use liquid cleaners.
- Ensure all connections remain secure.
- Store the lights in a cool, dry place if not in use for extended periods.

8. TROUBLESHOOTING

If you encounter issues with your Nexillumi LED Lights, refer to the following common solutions:

Problem	Possible Cause	Solution
Lights do not turn on.	No power, loose connection, remote battery dead.	Check USB connection to TV/adaptor. Ensure power source is active. Replace remote battery if necessary.
Remote control is unresponsive.	IR receiver blocked, remote battery low, remote too far.	Ensure direct line of sight to the IR receiver. Replace remote battery. Move closer to the receiver.
App cannot connect to lights.	Bluetooth off, app permissions denied, lights already connected to another device.	Enable Bluetooth and Location permissions for the "illumiHome" app. Ensure lights are not connected to another device. Restart app/lights.
Lights display incorrect colors or sections are off.	Damaged LED segment, loose connection in the strip.	Check for any visible damage to the LED strip. Ensure all connections are firm. If problem persists, contact customer support.

9. SPECIFICATIONS

Feature	Detail
Model Number	AML012_4M
Light Type	RGB LED Strip Lights
Length	13.2 ft (4 meters)
Voltage	5V
Wattage	5 watts
Control Methods	App Control ("illumiHome"), IR Remote Control
Special Features	Color Changing, Dimmable, Music Sync, Timer, Flexible Corner Wires
Indoor/Outdoor Usage	Indoor
Material	Metal, Plastic

10. WARRANTY AND SUPPORT

Nexillumi LED Lights for TV come with an **18-month warranty** from the date of purchase. This warranty covers manufacturing defects and ensures reliable performance of your product.

For any inquiries, technical assistance, or warranty claims, please contact Nexillumi customer support through the retailer's platform or visit the official Nexillumi website for contact information. Our dedicated support team is ready to address your concerns promptly.

