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› MuliVid Waterproof RGB+IC Outdoor LED Strip Lights (100ft) Model AML006_IR30M User Manual

MuliVid AML006_IR30M

MuliVid Waterproof RGB+IC Outdoor LED Strip Lights (100ft) Model AML006_IR30M User Manual

Comprehensive instructions for setup, operation, and maintenance.

1. INTRODUCTION

This manual provides detailed instructions for the MuliVid Waterproof RGB+IC Outdoor LED Strip Lights, Model AML006_IR30M. These 100ft LED strip lights are designed for both indoor and outdoor use, featuring IP67 waterproofing, RGB+IC technology for multi-color displays, and convenient control via a remote or smartphone application.



Image 1.1: MuliVid 100ft RGB+IC Outdoor LED Strip Lights product overview, including the packaging, remote control, and coiled waterproof LED strips.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 2 rolls of 50ft/30m LED strip lights
- 1 x 12V power adapter
- 1 x 44-key remote control
- 1 x White controller
- 1 x User manual (this document)
- 2 x Installation instructions

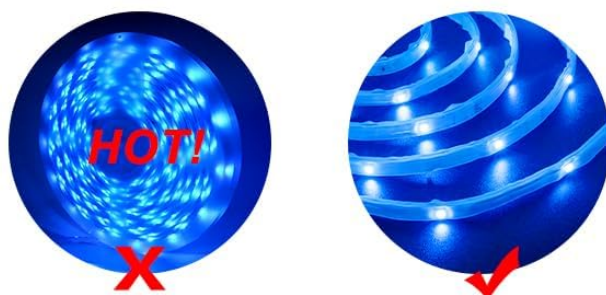
3. SAFETY INFORMATION

- Ensure the power adapter is connected to a suitable power outlet.
- Do not cut or modify the LED strip lights, as this may damage the product and void the warranty.
- Avoid exposing the power adapter and controller to water or extreme weather conditions, as they are not waterproof.
- Keep the product out of reach of children.
- Do not stare directly into the LED lights for extended periods.
- Unplug the power adapter before cleaning or performing any maintenance.

4. SETUP AND INSTALLATION

1. **Unspool the Strips:** Before powering on, completely unroll the LED strip lights from their spools. Operating the lights while coiled can cause overheating and damage.

INSTALLATION STEPS



Unspool the Strips



Take out the plastic

Image 4.1: Visual guide for installation, showing the importance of unspooling the LED strips before use and connecting the components.

2. **Connect Components:** Connect the LED strip lights to the white controller, and then connect the controller to the 12V power adapter. Ensure all connections are secure.
3. **Prepare Remote Control:** If using the remote control, remove the clear plastic tab from the battery compartment to activate it.
4. **Power On:** Plug the power adapter into a suitable electrical outlet. The lights should illuminate.
5. **Placement:** The LED strips feature a self-adhesive backing for easy attachment. For additional security, use the included clips and screws, especially for outdoor installations or on uneven surfaces.

4.1 Recommended Installation Locations

These waterproof LED strip lights are suitable for various indoor and outdoor applications:

- **Outdoor:** Eaves, decks, patios, gardens, balconies, yards, trees, garages.
- **Indoor:** For accent lighting in areas where moisture resistance is beneficial.



Image 4.2: Various outdoor settings demonstrating the application of MultiVid LED strip lights on eaves, decks, gardens, and garages.

5. OPERATING INSTRUCTIONS

The MultiVid LED Strip Lights can be controlled using the included 44-key remote control or the "illumi home" smartphone application.

5.1 App Control ("illumi home")

Download the "illumi home" app from Google Play Store (Android) or iOS App Store (Apple). Follow the in-app instructions to pair your LED strip lights. Once connected, you can access a range of functions:

- **Brightness Adjustment:** Increase or decrease the light intensity.
- **Color Changing:** Select from a wide spectrum of colors.
- **On/Off:** Power the lights on or off.
- **Scene Modes:** Choose from various pre-set lighting effects.
- **Music Sync Mode:** The lights will pulsate and change colors in rhythm with ambient sound and music, detected by the sensitive built-in microphone.
- **Timing Function:** Set schedules for the lights to automatically turn on or off.



Image 5.1: The "illumi home" smartphone application interface, demonstrating various control options for the LED strip lights.

5.2 Remote Control

The included 44-key IR remote control allows for direct adjustment of the LED strip lights. Point the remote directly at the white controller for optimal response.

- **Color Buttons:** Select specific colors (Red, Green, Blue, White, and various mixed colors).
- **Brightness Control:** Use the brightness up/down buttons to adjust intensity.
- **Mode Buttons:** Cycle through different dynamic lighting modes (e.g., flash, strobe, fade, smooth).
- **On/Off Buttons:** Power the lights on or off.

6. KEY FEATURES

6.1 RGB+IC Technology

The RGB+IC (Red, Green, Blue + Independent Control) technology allows for multiple colors to be displayed simultaneously on a single strip segment. This creates more dynamic and vibrant lighting effects compared to traditional RGB strips where only one color can be displayed across the entire strip at a time.

RGB IC VS RGB

Create a kaleidoscope of colors with RGB IC technology



Image 6.1: Visual comparison illustrating the enhanced multi-color display capabilities of RGB+IC technology versus standard RGB.

6.2 IP67 Waterproof Rating

The LED strip lights are equipped with an IP67 waterproof casing, meaning they are protected against dust ingress and can withstand immersion in water up to 1 meter for 30 minutes. The strip is wrapped in silicone, effectively protecting the LEDs from external damage, splashing, or rainfall. This makes them ideal for outdoor use, though direct prolonged submersion is not recommended for the entire system (controller and adapter are not waterproof).

IP67 Waterproof



Image 6.2: A close-up view of the LED strip lights with water droplets, showcasing their IP67 waterproof construction.

6.3 Timing Function

Utilize the timing function via the "illumi home" app to schedule automatic on/off times for your lights. This feature allows for energy efficiency and convenience, ensuring your lights activate and deactivate according to your preferences.

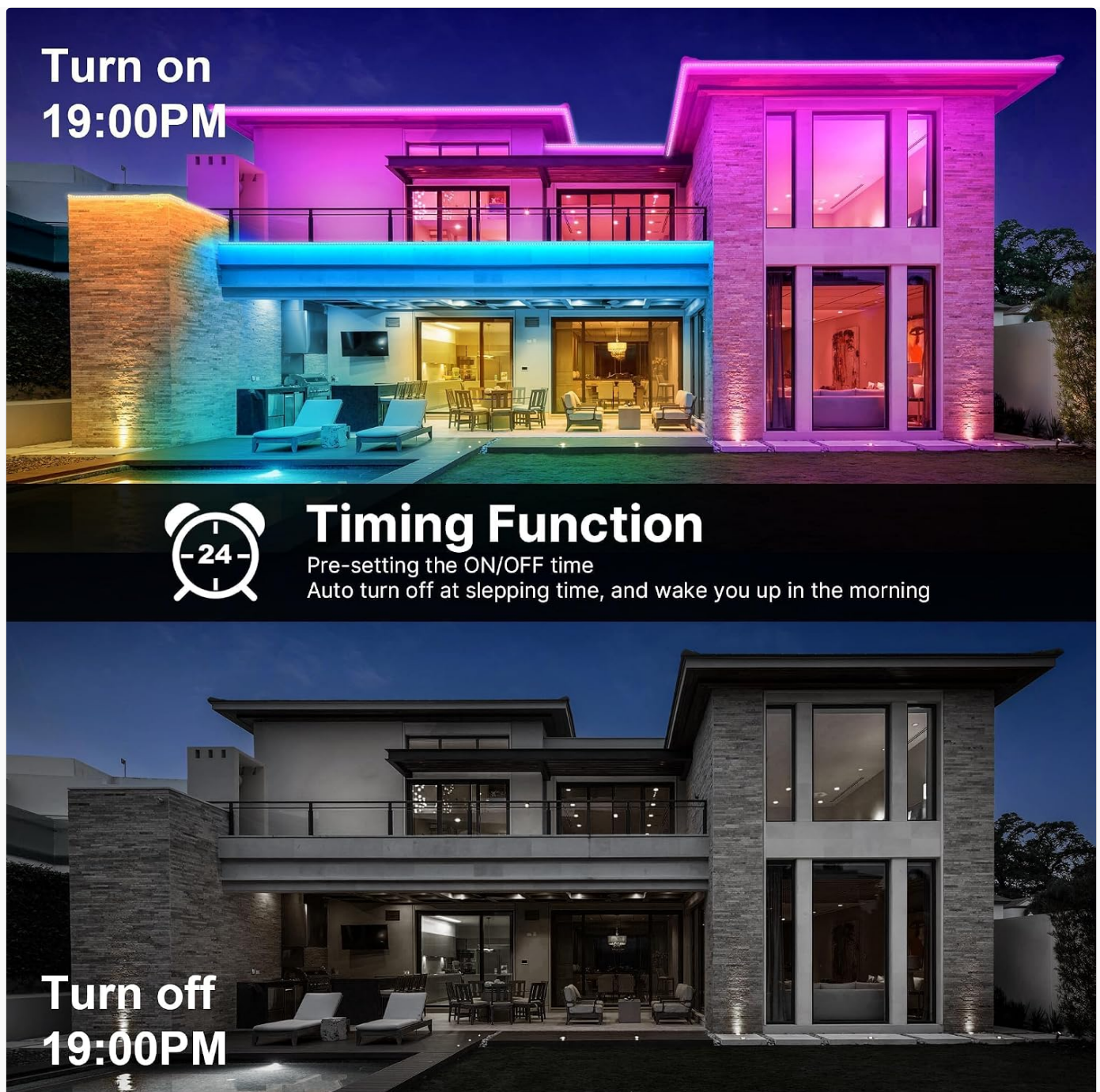


Image 6.3: An example of the timing function in use, showing LED strip lights illuminating a house exterior at a set time.

7. MAINTENANCE

- **Cleaning:** Gently wipe the LED strips with a soft, damp cloth to remove dust or dirt. Do not use harsh chemicals or abrasive cleaners.
- **Connection Check:** Periodically inspect all connections (power adapter, controller, and strip connections) to ensure they are secure and free from corrosion or damage.
- **Storage:** If storing the lights for an extended period, ensure they are clean, dry, and coiled loosely to prevent damage. Store in a cool, dry place.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Lights do not turn on.	- Power adapter not connected. - Remote battery dead or tab not removed. - Controller or strip connection loose.	- Ensure power adapter is securely plugged in. - Remove plastic tab from remote battery. Replace battery if needed. - Check all connections between the strip, controller, and adapter.
Remote control not responding.	- Plastic tab still in battery compartment. - Remote battery is low or dead. - Remote not pointed at controller.	- Remove the plastic tab. - Replace the remote battery. - Ensure direct line of sight to the white controller.
App cannot connect to lights.	- Bluetooth/Wi-Fi not enabled on phone. - Lights are out of range. - App pairing issue.	- Enable Bluetooth and/or Wi-Fi on your smartphone. - Move closer to the LED strip lights. - Restart the app and try pairing again. Refer to in-app instructions for specific pairing steps.
Lights are overheating.	- Lights are coiled or bunched up. - Poor ventilation.	- Ensure lights are fully unspooled and laid out. - Provide adequate airflow around the strips.

9. SPECIFICATIONS

Feature	Detail
Brand	MuliVid
Model Number	AML006_IR30M
Length	100 Feet (2 rolls of 50ft/30m)
Waterproof Rating	IP67 (Strip only; controller and adapter are not waterproof)
Light Source Type	LED
Light Color	RGBIC (Color Changing)
Power Source	Corded Electric (12V power adapter)
Control Methods	44-key Remote Control, "illumi home" App Control
Special Features	Dimmable, Energy Efficient, Music Sync (built-in microphone), Timer Function
Material	Plastic (Silicone-wrapped strip)
Item Weight	2.25 pounds

10. WARRANTY AND SUPPORT

MuliVid offers an **18-month warranty** for this product. If you encounter any issues or require assistance, please contact our customer service team. We are committed to providing prompt solutions within 24 hours. For support, please refer to the contact information provided on the product packaging or the official MuliVid website.

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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

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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