HAMLITE RGB-65M

Hamlite RGB-65M LED TV Backlight Instruction Manual

Model: RGB-65M | Brand: HAMLITE

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Hamlite RGB-65M LED TV Backlight. This LED strip light system is designed to enhance your viewing experience by providing ambient lighting behind 85-95 inch televisions. Please read this manual thoroughly before use to ensure proper setup and functionality.

PACKAGE CONTENTS

Verify that all components are present in your package:

- LED Light Strip (21 feet for 85-95 inch TVs)
- RF Remote Control
- User Manual (this document)

Image: Components of the Hamlite LED TV Backlight system.

Your browser does not support the video tag.

Video: Overview of the Hamlite 12V RGB TV Backlight for 85-95 Inch TVs, demonstrating package contents and basic setup.

FEATURES

- **Custom TV Lighting:** 21-foot LED strip lights designed to cover all four sides of 85-95 inch TVs for ambient backlighting.
- **Easy Installation:** W-shaped LED light strip allows for easy bending around corners and secure attachment behind TVs, sofas, or desks.
- **Colorful Lighting Options:** RF remote offers 17 static colors, 10 dynamic modes, and 10 speed settings for customizable lighting effects.
- **TV Sync Functionality:** Automatically syncs on/off with most TVs and includes a built-in memory function to retain previous settings.
- **Durable Materials:** Features metal housing and energy-efficient LED lights with a 5000K color temperature for vibrant illumination.

Image: Visual comparison of a TV setup before and after installing the Hamlite LED Backlight, highlighting the ambient lighting effect.

SETUP INSTRUCTIONS

1. **Clean the TV Surface:** Ensure the back surface of your TV is clean and dry. Use a soft cloth to remove any dust or debris for optimal adhesive performance.
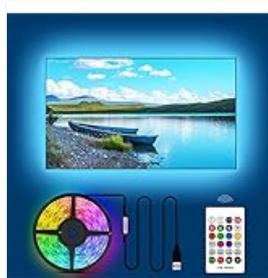

Image: Step 1 - Cleaning the TV surface.

2. **Plan the Route:** Carefully unroll the LED strip and plan its placement along the back edges of your TV. The W-shaped

design allows for easy bending at corners.

Image: Step 2 - Planning the LED strip route.

3. **Attach the LED Strip:** Peel off the adhesive backing and firmly press the LED strip onto the cleaned surface of the TV. Ensure a secure bond along the entire length.
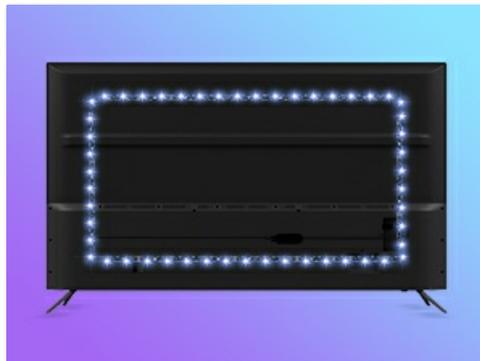

Image: Step 3 - Attaching the W-type LED strip to the TV.

4. **Connect to USB Power:** Plug the USB connector of the LED strip into an available USB port on your TV. The lights will power on automatically when the TV is turned on.

Image: Step 4 - Connecting the LED strip to a USB power source.

5. **Remote Pairing (if needed for multiple sets):** If you are using multiple Hamlite LED strip sets and experience signal interference, you may need to pair each remote individually. Unplug all LED strips. Plug in one strip, then immediately press and hold the green "ENCODE" button on its corresponding remote for 3 seconds. The light strip will flash to confirm successful pairing. Repeat for other strips.

OPERATING INSTRUCTIONS

Use the provided RF remote control to manage your LED TV backlight:

- **Power On/Off:** Press the **ON/OFF** button to turn the lights on or off.
- **Color Selection:** Choose from 17 static colors by pressing the corresponding color buttons on the remote.
- **Brightness Adjustment:** Use the **Brightness Up** and **Brightness Down** buttons to adjust the intensity of the lights.
- **Dynamic Modes:** Select from 10 dynamic modes (e.g., flash, fade, smooth) using the mode buttons.
- **Speed Adjustment:** Adjust the speed of dynamic modes using the **Speed Up** and **Speed Down** buttons.
- **Memory Function:** The lights will remember your last setting when powered off and on.

Image: RF Remote control for the Hamlite LED TV Backlight, showing various color and mode options.

MAINTENANCE

- **Cleaning:** To clean the LED strip, gently wipe it with a dry, soft cloth. Do not use liquid cleaners or abrasive materials.
- **Adhesive Longevity:** Ensure the initial installation surface is clean and dry for maximum adhesive life. Avoid frequently repositioning the strip.
- **Storage:** If removing the strip for storage, carefully peel it off and store it in a cool, dry place away from direct sunlight.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on.	No power to the USB port; loose connection; remote battery dead.	Check if the TV is on and the USB port is active. Ensure the USB connector is fully inserted. Replace the CR2032 battery in the remote.

Problem	Possible Cause	Solution
Remote not responding.	Remote battery dead; interference; remote not paired.	Replace remote battery. Ensure no obstructions between remote and receiver. Re-pair the remote if using multiple sets (see Setup Instructions).
Lights are dim or flickering.	Insufficient power from USB port; faulty strip section.	Try a different USB port or a dedicated USB power adapter (5V/1A recommended). Contact support if a section of the strip is consistently faulty.
Adhesive not holding.	Surface not clean or dry; improper application.	Ensure the surface is thoroughly cleaned and dry before application. Apply firm pressure during installation. Consider using additional adhesive clips if needed.

SPECIFICATIONS

- **Model Number:** RGB-65M
- **Brand:** HAMLITE
- **Length:** 21 feet (650 Centimeters)
- **Compatibility:** 85-95 inch TVs
- **Power Source:** USB (5 Volts, 5 Watts)
- **Light Source Type:** LED
- **Color Temperature:** 5000 Kelvin
- **Control Method:** RF Remote Control
- **Special Features:** Color Changing, Dimmable, Instant On, Remote Controlled
- **Indoor/Outdoor Usage:** Indoor use only
- **Included Components:** LED light strip, RF remote, User manual
- **Battery (Remote):** 1 CR2032 battery (included)
- **Item Weight:** 5.3 Ounces
- **GTIN (UPC):** 778299093965

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official HAMLITE website. Keep your purchase receipt as proof of purchase for any warranty claims.