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ENDYSHOW PL-32M

ENDYSHOW LED Stage Wash Light Bar PL-32M User Manual

Model: PL-32M

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective operation of your ENDYSHOW LED Stage Wash Light Bar, Model PL-32M. This device is designed for stage lighting applications, offering versatile color mixing and control options. Please read this manual thoroughly before use and retain it for future reference.



Image 1.1: The ENDYSHOW LED Stage Wash Light Bar in various application settings, demonstrating its versatility for events.

2. SAFETY INFORMATION

To ensure safe operation, observe the following precautions:

- **Electrical Safety:** Always connect the device to a grounded power outlet. Ensure the power supply voltage matches the device's requirements (110V AC). Disconnect power before cleaning or servicing.
- **Ventilation:** Do not obstruct the cooling fan or ventilation openings. Ensure adequate airflow around the unit to prevent overheating.
- **Placement:** Mount the light bar securely on a stable surface, truss, or wall. Avoid placing it in direct sunlight, near heat sources, or in environments with high humidity or dust.
- **Eye Protection:** Do not stare directly into the LED light source, as it can cause eye strain or damage.
- **Handling:** Avoid dropping or subjecting the unit to severe impact. Do not attempt to repair or modify the device yourself; refer all servicing to qualified personnel.

3. PACKAGE CONTENTS

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

- LED Stage Wash Light Bar (4 units)
- Remote Control (4 units)
- Power Cord (4 units)
- User's Manual (1 unit)

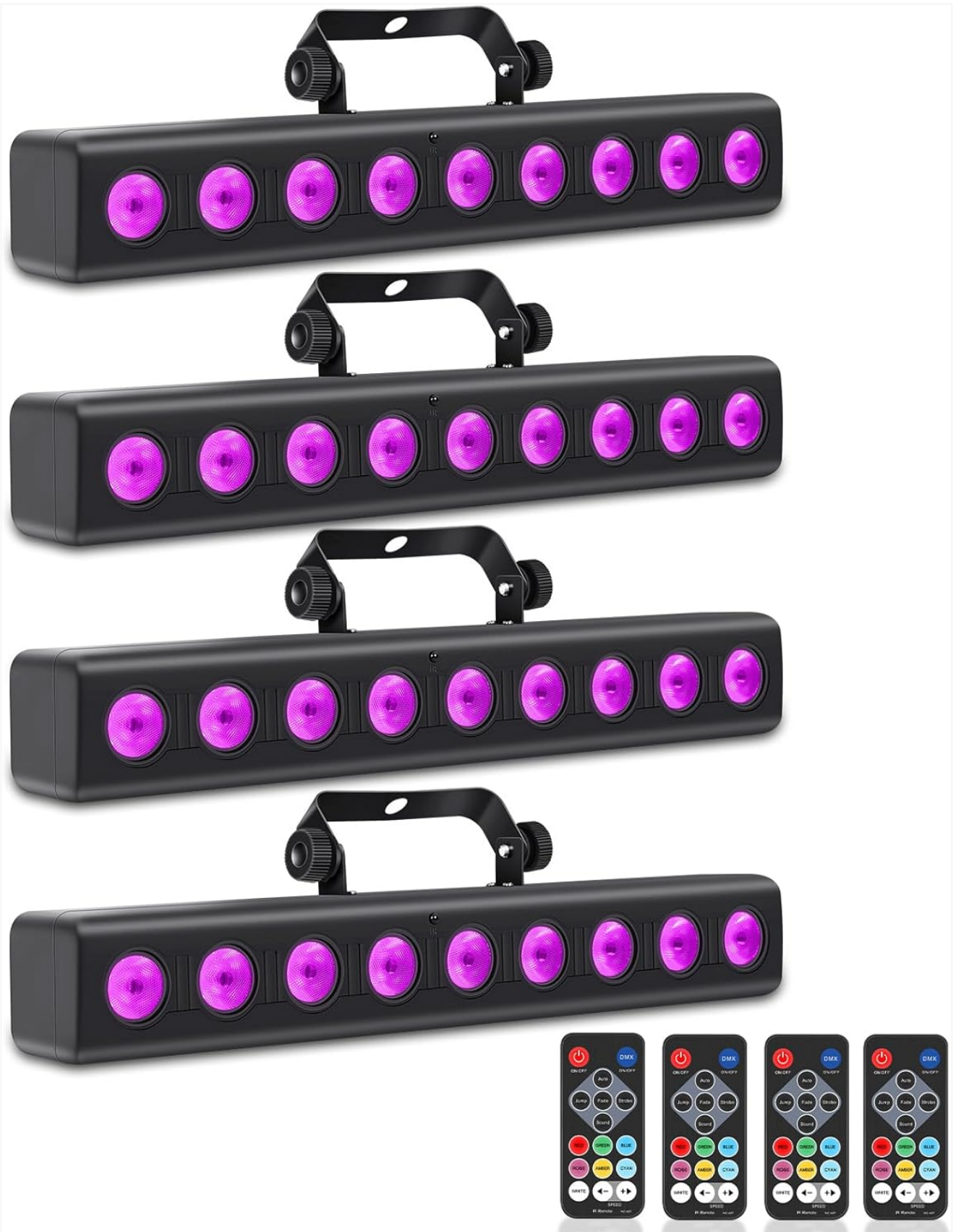


Image 3.1: Contents of the 4-pack, including four light bars and their respective remote controls.

4. PRODUCT FEATURES

The ENDYSHOW LED Stage Wash Light Bar offers a range of features for dynamic lighting effects:

- **High-Quality LEDs:** Equipped with 9x4W RGBW 4-in-1 LED beads for vibrant and adjustable color output.
- **Wide Beam Angle:** Features a 35° beam angle, suitable for washing large areas with light.
- **Multiple Control Modes:** Supports Remote Control, Auto Mode, Sound-Activated Mode, and DMX512 (4/8 channels).
- **Intelligent Cooling:** Built-in fan for efficient heat dissipation, ensuring prolonged product lifespan and stable operation.
- **Durable Construction:** Made from plastic material, designed for robustness.
- **Adjustable Bracket:** The mounting bracket allows for 360° adjustment to achieve optimal lighting angles.



Image 4.1: Rear panel details, highlighting the DMX connections, LED display for mode selection, and the built-in cooling fan.

5. SETUP

Follow these steps to set up your LED Stage Wash Light Bar:

1. **Unpacking:** Carefully remove the light bar and all accessories from the packaging. Inspect for any damage during transit.
2. **Mounting:**
 - Attach the included bracket to the light bar using the provided screws.
 - Securely mount the light bar to a wall, truss, or place it on a stable floor. Ensure the mounting surface can support the weight of the unit.
 - Adjust the angle of the light bar using the bracket's knobs to direct the light as desired.
3. **Power Connection:** Connect the power cord to the light bar's power input and then plug it into a standard 110V AC grounded power outlet.
4. **DMX Connection (Optional):** If using DMX control, connect a DMX cable from your DMX controller to the DMX IN port of the first light bar. For multiple units, daisy-chain them by connecting the DMX OUT of the first unit to the DMX IN of the next, and so on.

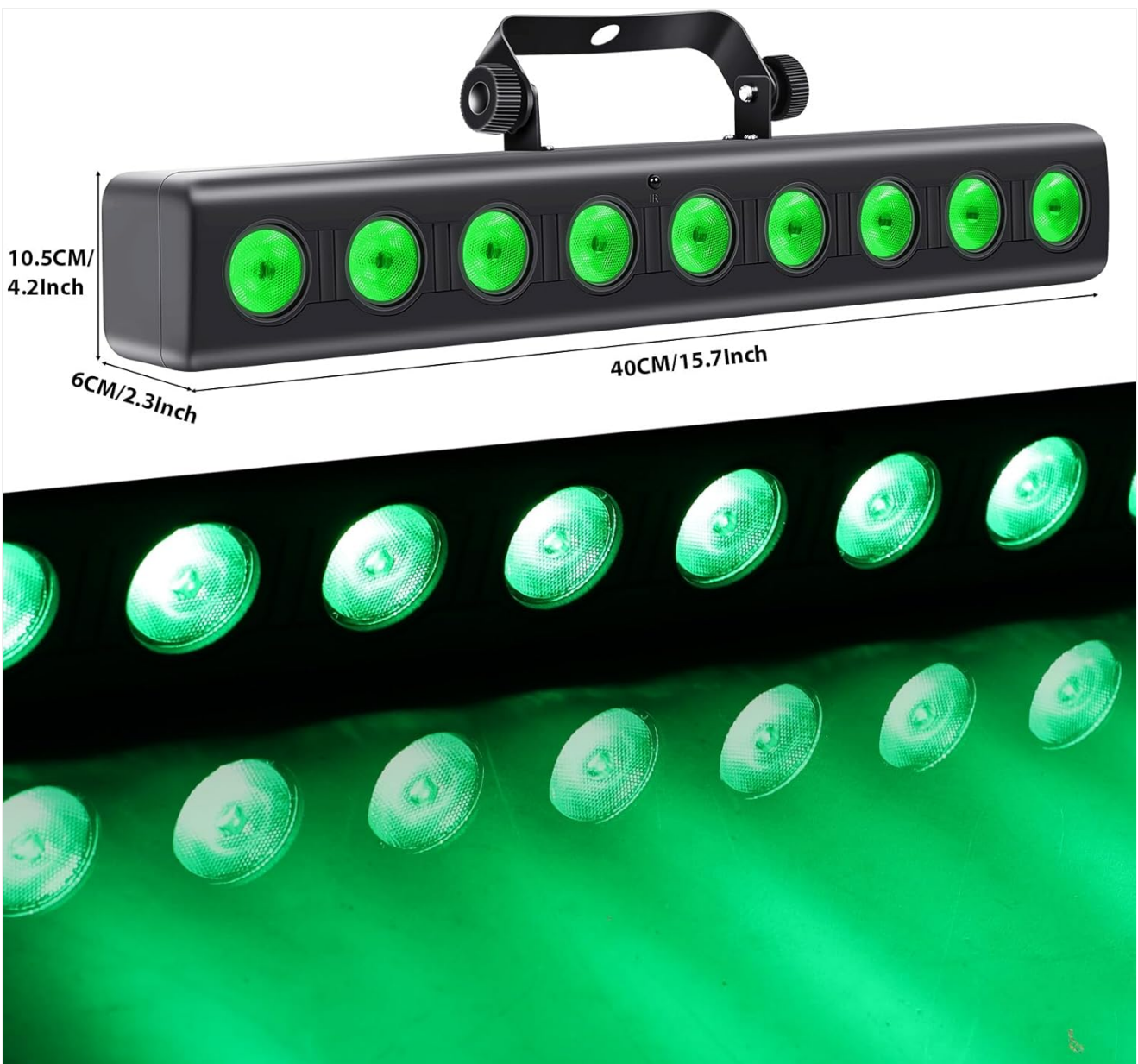


Image 5.1: Product dimensions for planning installation: 15.7 inches (40cm) length, 2.3 inches (6cm) width, 4.2 inches (10.5cm) height.

6. OPERATING MODES

The LED Stage Wash Light Bar offers several operating modes, selectable via the onboard LED display and

buttons, or the included remote control.

6.1. Remote Control Mode

The included remote control allows for convenient wireless operation. Ensure the remote has batteries installed (not included with all units, check packaging). Point the remote directly at the infrared receiver on the light bar.

- **Color Selection:** Directly select static colors (Red, Green, Blue, White, etc.).
- **Brightness Adjustment:** Increase or decrease the light intensity.
- **Mode Selection:** Switch between Auto, Sound-Activated, Strobe, and Jump modes.
- **Speed Control:** Adjust the speed of dynamic effects.

6.2. Auto Mode

In Auto Mode, the light bar cycles through pre-programmed lighting sequences and color changes automatically. This mode is ideal for continuous, dynamic lighting without external input.

6.3. Sound-Activated Mode

The Sound-Activated Mode uses a built-in microphone to detect ambient sound and synchronize lighting effects with the rhythm of music or other audio. The sensitivity may vary based on the environment.

6.4. DMX512 Mode

For professional control, connect the light bar to a DMX512 controller. The unit supports 4 or 8 DMX channels, allowing precise control over color mixing, dimming, strobe, and other effects. Refer to the DMX channel chart (usually found in the included user manual) for specific channel assignments.

- Set the DMX address on each light bar using the LED display and buttons. Ensure each unit has a unique address or is configured for master/slave operation.
- Connect DMX cables as described in the Setup section.
- Control the light bar's functions via your DMX controller.

6.5. Master/Slave Mode

In Master/Slave mode, multiple light bars can operate in synchronization without a DMX controller.

- Connect the DMX OUT of the designated "Master" unit to the DMX IN of the first "Slave" unit. Continue daisy-chaining to other slave units.
- Set the Master unit to an Auto or Sound-Activated mode.
- Set all other units to Slave mode. The slave units will then mimic the master unit's operations.



Image 6.1: Visual representation of the different lighting modes available, including color change, sound activation, strobe, master/slave, and color fade.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your light bar.

- **Cleaning:** Periodically clean the exterior casing and LED lenses with a soft, dry cloth. Do not use abrasive cleaners or solvents. Ensure the unit is unplugged before cleaning.
- **Ventilation:** Keep the cooling fan and air vents free from dust and debris. Use compressed air to gently clear any blockages if necessary.
- **Storage:** When not in use, store the light bar in a cool, dry place, away from extreme temperatures and humidity.
- **Inspection:** Regularly check power cables and DMX cables for any signs of wear or damage. Replace damaged cables immediately.

8. TROUBLESHOOTING

If you encounter issues with your light bar, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light bar does not power on.	No power supply; faulty cable; unit malfunction.	Check power connection and outlet. Test with a different power cord. If problem persists, contact support.
Remote control not responding.	No batteries; weak batteries; remote not aimed correctly; infrared receiver blocked.	Install/replace batteries. Ensure direct line of sight to the light bar's IR receiver. Clear any obstructions.
DMX control not working.	Incorrect DMX address; faulty DMX cable; incorrect DMX mode selected; DMX controller issue.	Verify DMX address settings. Check DMX cables for damage. Ensure the light bar is set to DMX mode. Consult your DMX controller manual.
Lights are flickering or behaving erratically.	Loose connection; power fluctuations; interference; internal fault.	Check all cable connections. Ensure stable power supply. Avoid placing near strong electromagnetic sources. If issue persists, contact support.

9. SPECIFICATIONS

Feature	Detail
Model Number	PL-32M
Light Source	9 x 4W RGBW 4-in-1 LEDs
Power Consumption	50 Watts
Voltage	110 Volts (AC)
Brightness	3600 Lumens
Beam Angle	35 Degrees
Control Modes	Remote Control, Auto, Sound Activated, DMX512 (4/8 channels), Master/Slave
Material	Plastic
Product Dimensions (L x W x H)	15.7" x 2.3" x 4.2" (40cm x 6cm x 10.5cm)
Item Weight	7.39 pounds (3.36 kg)
Mounting Type	Wall Mount, Floor Mount, Bracket Mount

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or contact ENDYSHOW customer service directly. Specific warranty terms may vary by region and retailer.