ENDYSHOW PL-32CR

ENDYSHOW PL-32CR 150W LED Stage Wash Light Bar User Manual

Model: PL-32CR | Brand: ENDYSHOW

1. Safety Instructions

Please read these instructions carefully before operating the device. Keep this manual for future reference.

- Ensure the power supply voltage matches the device's requirements.
- Do not open the housing; there are no user-serviceable parts inside. Refer all servicing to qualified personnel.
- Avoid direct eye exposure to the light source.
- Install the device in a well-ventilated area, away from heat sources.
- Securely mount the fixture using appropriate hardware to prevent accidental falls.
- Disconnect from power before cleaning or maintenance.

2. Package Contents

Verify that all items are present and in good condition upon unpacking.

- 1 x ENDYSHOW PL-32CR LED Stage Wash Light Bar
- 1 x Instruction Manual
- 1 x Power Cord
- 2 x Metal Mounting Brackets
- 2 x Screws



Image: The ENDYSHOW PL-32CR light bar, power cord, mounting brackets, and user manual.

3. Product Overview

The ENDYSHOW PL-32CR is a 150W LED stage wash light bar designed for various lighting applications. It features 24 RGBW 4-in-1 LEDs and 96 RGB 3-in-1 internal aura lighting effects, offering versatile color mixing and dynamic lighting patterns.

Key Features:

- **Light Source:** 24x4W RGBW 4-in-1 LEDs and 96x0.2W 5050 RGB 3-in-1 internal aura LEDs.
- **Beam Angle:** 25° and 45° options.
- **Control Modes:** DMX512 (8/15/40/80/128CH), Sound Activated, Auto Program, Master-Slave, Static Color, Strobe, Dimming.
- **Effects:** Beam, strobe, fast sweep, chase, pulse, dimming.
- **Construction:** Pure aluminum housing for efficient heat dissipation and durability.
- **Connectivity:** DMX In/Out, Power In/Out for daisy-chaining.
- **Display:** LED display with push buttons for easy menu navigation.
- **Mounting:** Adjustable stainless steel metal mounting brackets (360° adjustable).



Image: Front view of the light bar showcasing its RGBW LEDs and internal aura effect.



Image: Detailed view highlighting the 24 RGBW 4-in-1 LEDs and the 96 RGB 3-in-1 internal aura lighting effect.

4. Setup

4.1 Mounting

The light bar can be mounted in various positions using the included adjustable brackets. Ensure the mounting surface or truss can support the weight of the fixture.

1. Attach the metal mounting brackets to the sides of the light bar using the provided screws.
2. Secure the light bar to a truss, wall, or floor stand. Ensure all connections are tight and secure.
3. Adjust the angle of the light bar using the 360° adjustable brackets to achieve the desired lighting direction.



Image: Close-up of the 360° adjustable brackets for flexible positioning.

4.2 Power Connection

Connect the provided power cord to the "Power IN" port on the back of the fixture and then to a suitable power outlet. The fixture also features a "Power OUT" port for daisy-chaining multiple units.

4.3 DMX Connection (Optional)

For DMX control, connect a DMX controller to the "DMX IN" port using a 3-pin DMX cable. If linking multiple units, connect the "DMX OUT" of the first fixture to the "DMX IN" of the next, and so on.



Image: Rear view of the light bar detailing power and DMX connections, along with the control panel.

5. Operation

The light bar can be operated using its onboard LED display and buttons, or via an external DMX controller.

5.1 Control Panel

The LED display and four buttons (MENU, UP, DOWN, ENTER) on the back of the unit allow for direct control and setting adjustments.

- **MENU:** Cycles through the main menu options.
- **UP/DOWN:** Navigates through options or adjusts parameter values.
- **ENTER:** Confirms selection or saves changes.

5.2 Operating Modes

The PL-32CR supports several operating modes:

- **DMX512 Mode:**

  Allows professional control over individual light parameters (color, intensity, effects) using an external DMX controller. The fixture offers DMX channel modes (8/15/40/80/128CH) for varying levels of control complexity. Refer to the DMX chart in the full manual for detailed channel assignments.

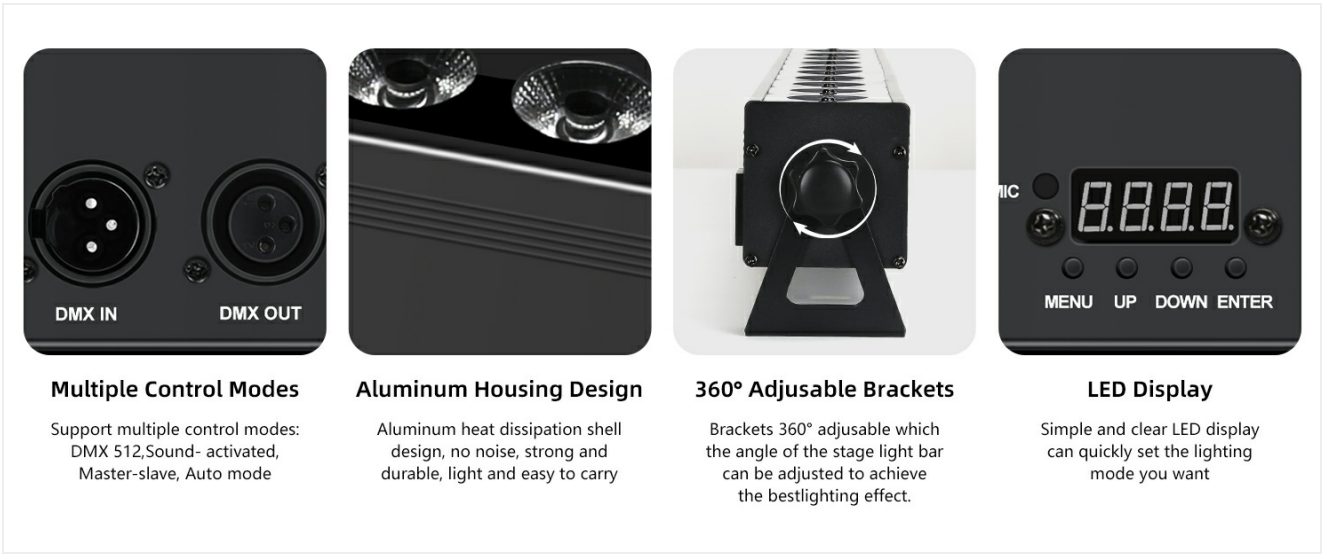


Image: The light bar connected to a DMX controller, demonstrating DMX mode.

- **Sound Activated Mode:**

  The light bar responds to ambient sound or music, changing colors and patterns in sync with the beat. Sensitivity can often be adjusted via the menu.

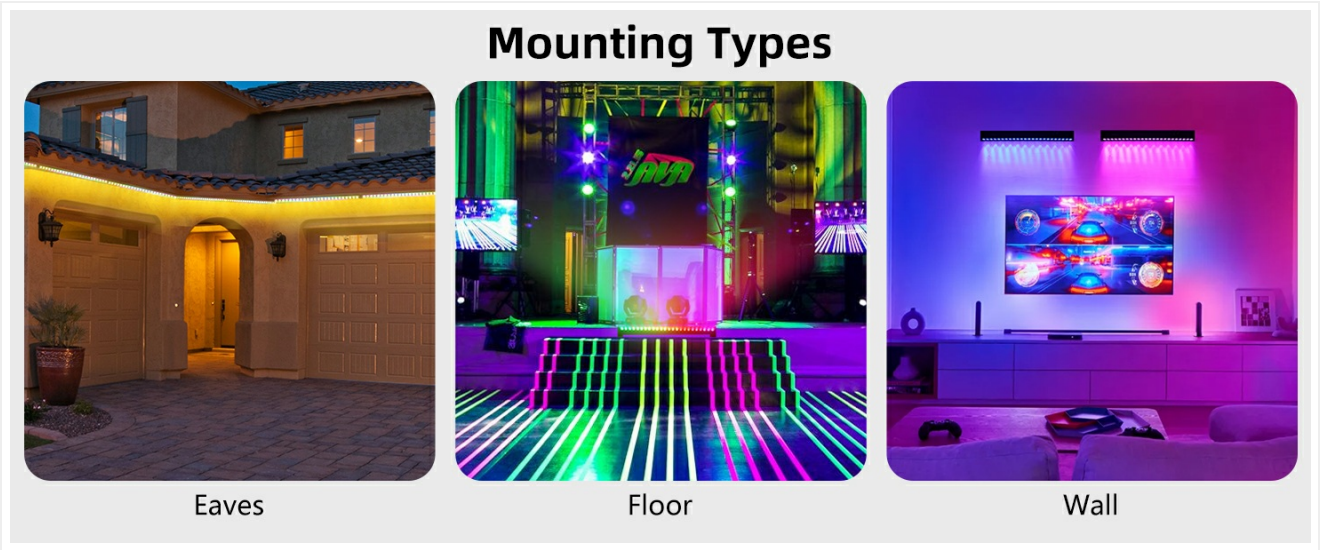


Image: The light bar displaying dynamic effects in response to sound.

- **Auto Program Mode:**

  Cycles through a series of pre-programmed lighting effects and color changes automatically. Users can select from various built-in programs.



Image: The light bar operating in an automatic program mode, creating a vibrant stage effect.

- **Master-Slave Mode:**

  Link multiple PL-32CR units together. One unit acts as the "Master" (controlling unit), and others as "Slaves," replicating the Master's effects. Connect DMX OUT of the Master to DMX IN of the first Slave, and so on.



Image: Two light bars synchronized in Master-Slave mode, displaying identical lighting effects.

- **Static Color Mode:** Select and display a single, constant color.
- **Strobe Mode:** Creates a flashing light effect with adjustable speed.
- **Dimming:** Adjust the overall brightness of the light output.



Image: A collage demonstrating various static colors and dynamic effects achievable with the light bar.

6. Maintenance

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

- **Cleaning:** Periodically clean the lenses and housing with a soft, lint-free cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly check power cables, DMX cables, and mounting hardware for any signs of wear or damage. Replace damaged components immediately.
- **Storage:** When not in use, store the light bar in a dry, dust-free environment.

7. Troubleshooting

Problem	Possible Cause	Solution
No power	Power cable disconnected; no power from outlet.	Check power cable connection; test outlet with another device.

Problem	Possible Cause	Solution
No DMX control	Incorrect DMX cable connection; incorrect DMX address; DMX controller issue.	Verify DMX cable connections (IN/OUT); ensure correct DMX address is set on the fixture; check DMX controller functionality.
Lights not responding in Sound Activated mode	Microphone sensitivity too low; no sound input.	Increase microphone sensitivity via menu; ensure sufficient sound is present near the fixture.
Fixture overheating	Poor ventilation; blocked vents.	Ensure adequate airflow around the fixture; clear any obstructions from vents.

8. Specifications

Model	PL-32CR
Brand	ENDYSHOW
Power Consumption	150 Watts
Light Source	24x4W RGBW 4-in-1 LEDs + 96x0.2W 5050 RGB 3-in-1 Aura LEDs
Beam Angle	25° & 45°
Control Modes	DMX512 (8/15/40/80/128CH), Sound Activated, Auto, Master-Slave
Material	Aluminum
Dimensions (L x W x H)	41" x 2" x 4" (105cm x 5cm x 10cm)
Weight	5.19 lbs (2.35 kg)

9. Warranty and Support

For warranty information and technical support, please refer to the official ENDYSHOW website or contact their customer service department. Keep your purchase receipt as proof of purchase.
Manufacturer: Guangzhou Xinyu stage lighting and sound equipment Co., LTD

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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.

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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