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Warmdance LED Stage Light Bar

Warmdance 180W LED COB Wall Washer Light Bar User Manual

Model: LED Stage Light Bar

Brand: Warmdance

1. Introduction

This manual provides essential information for the safe and effective operation of your Warmdance 180W LED COB Wall Washer Light Bar. Please read these instructions thoroughly before installation and use, and retain them for future reference.

2. Safety Instructions

- Ensure the power supply voltage matches the product's requirements (AC110-240V, 50/60Hz).
- Always disconnect power before cleaning, maintenance, or installation.
- Do not operate the device if the power cord is damaged.
- Avoid direct eye exposure to the light source.
- Install in a well-ventilated area, away from heat sources.
- This product is designed for indoor use unless otherwise specified (IP66 rating indicates dust-tight and protection against powerful water jets, but always verify specific outdoor suitability).
- Securely mount the fixture to prevent accidental falls.

3. Package Contents

Verify that all items are present upon unpacking:

- Light kit (Machine) *1
- Power Cord *1
- Signal Cable *1

- Hook *1
- Knob Gasket *2
- Instruction Manual *1



Image: Contents of the product package.

4. Product Features

- **Durable Construction:** Made from all-aluminum material, ensuring durability, lightweight design, and ease of transport and installation. Supports up to 4 units connected in series.
- **Powerful Color Combinations:** Features six 30W amber COB light sources for 0-100% linear dimming, high brightness, and uniform light effect. Also includes 120 RGB LEDs for diverse color mixing.
- **Versatile Design:** Functions as a wall washer, retro light, background light, strobe light, or atmosphere light. Precision control ensures even light distribution.
- **Multiple Control Modes:** Supports self-propelled (auto), voice control (sound-activated), master-slave, and DMX control modes (8/13 channels).
- **Dynamic Effects:** Offers a flicker effect of 1-20Hz, 25 static color options, and 50 dynamic lighting effects with adjustable speed. Sound control mode includes adjustable MIC sensitivity.
- **Wide Application:** Suitable for stage performances, concerts, bars, stadiums, nightclubs, hotel lobbies, exhibition halls, and home gatherings.



Image: The Warmdance LED COB Wall Washer Light Bar showcasing its diverse lighting capabilities.

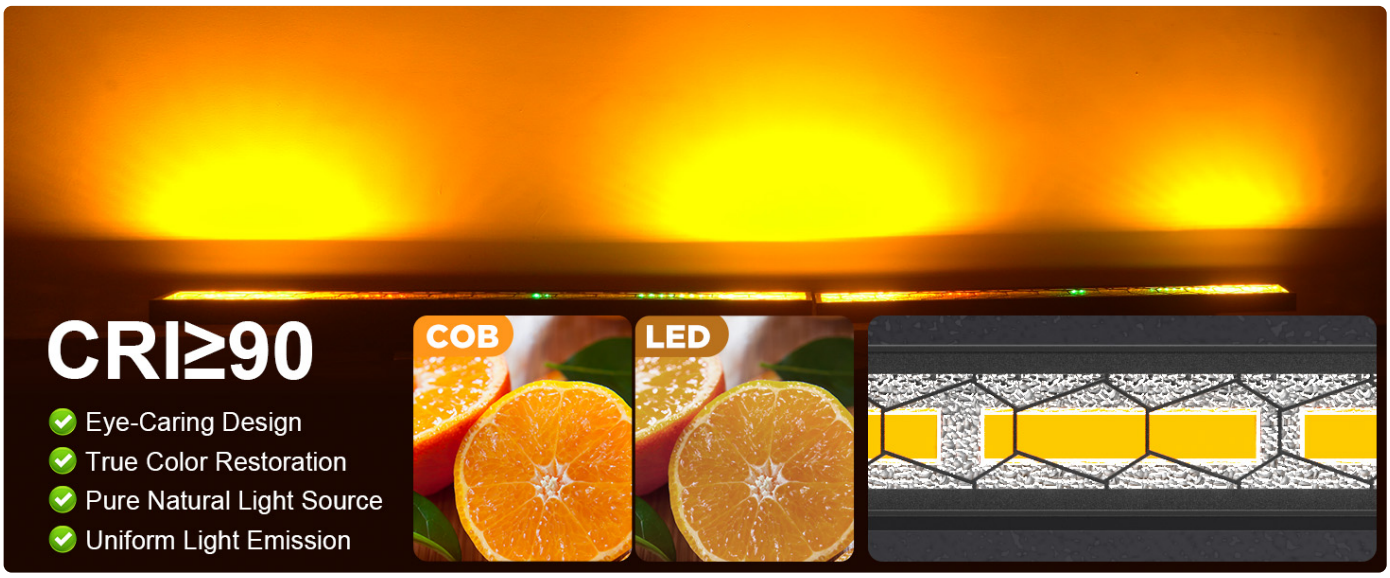


Image: Detailed view of the COB and RGB LEDs, emphasizing color rendering and light quality.

5. Setup

5.1 Physical Installation

The light bar can be placed on a flat surface or mounted using the included hooks and knob gaskets. Ensure the mounting surface is stable and can support the weight of the fixture(s).

- Attach the mounting brackets to the light bar using the provided screws.
- Adjust the angle of the light bar using the adjustable brackets (180° adjustable).
- For hanging installations, use appropriate clamps and safety cables (not included) to secure the fixture to a truss or ceiling.

5.2 Power Connection

Connect the provided power cord to the 'POWER IN' port on the back of the unit and then to a suitable power outlet. For multiple units, use the 'POWER OUT' port to daisy-chain power to subsequent fixtures.

5.3 DMX Connection (Optional)

To control the light bar via DMX, connect a DMX cable from your DMX controller to the 'DMX IN' port of the first fixture. For multiple fixtures, connect from the 'DMX OUT' of the first fixture to the 'DMX IN' of the next, and so on. Ensure the last fixture in the chain has a DMX terminator (not included) connected to its 'DMX OUT' port for stable signal transmission.



Image: Multiple light bars connected for synchronized DMX control.

6. Operating Modes

The light bar features a 4-digit display and four control buttons (MENU, UP, DOWN, ENTER) on the back panel for mode selection and parameter adjustment.



Image: Control panel details with display and buttons.

6.1 Control Panel Operation

- **MENU:** Press to cycle through main menu options (e.g., DMX address, operating modes).
- **UP/DOWN:** Use to navigate through options or adjust parameter values.
- **ENTER:** Confirm selection or save changes.

6.2 Auto Mode (Self-Propelled)

In Auto Mode, the light bar cycles through its built-in programs and effects automatically. Use the control panel to select different auto programs or adjust speed.

6.3 Sound-Activated Mode (Voice Control)

The light bar will react to ambient sound and music. Use the control panel to adjust the microphone sensitivity to suit the environment.

Your browser does not support the video tag.

Video: Demonstration of the Warmdance LED COB Wall Washer Light Bar's sound-activated mode, showing the light reacting to audio cues.

6.4 Master-Slave Mode

Connect multiple units via DMX cables. Set one unit as the 'Master' and the others as 'Slave' units. The Master unit will control all connected Slave units, synchronizing their effects.

6.5 DMX Control

The light bar supports 8-channel and 13-channel DMX modes. Refer to the DMX channel chart in the full product manual for specific functions of each channel. Set the DMX address for each fixture using the control panel. Ensure each fixture has a unique address if independent control is desired, or the same address for synchronized control.

Your browser does not support the video tag.

Video: Overview of the Warmdance LED COB Wall Washer Light Bar's features, including DMX control, linear dimming, and strobe effects.

7. Maintenance

7.1 Cleaning

Regular cleaning helps maintain optimal light output and extends product life. Use a soft, lint-free cloth to wipe the exterior and lenses. Do not use abrasive cleaners or solvents.

7.2 Storage

When not in use, store the light bar in a dry, dust-free environment. Disconnect all cables and pack it in its original packaging or a protective case.

8. Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on	No power supply; Damaged power cord; Internal fault	Check power connection; Replace power cord; Contact support
No DMX control	Incorrect DMX address; Faulty DMX cable; No DMX terminator	Verify DMX address; Check/replace DMX cables; Add DMX terminator
Sound-activated mode not working	Microphone sensitivity too low; No sound input	Increase MIC sensitivity; Ensure sound is present
Lights flicker or behave erratically	Unstable power; DMX signal interference; Overheating	Ensure stable power supply; Check DMX connections; Ensure proper ventilation

9. Specifications

Parameter	Value
Rated Voltage	AC110 - 240V, 50 / 60Hz
Lamp Beads	6 COB LED + 120 RGB LED

Parameter	Value
Light Angle	120 Degrees
Optimal Projection Distance	5-10M
Lighting Effects	COB Wall Wash Effects + RGB Horse Running Effects
Dimming	0-100% Linear Dimming
Strobe	1 - 20Hz
Working Mode	D-M-X512 Signal / Master-Slave / Self-Propelled / Voice Control
Channels	8 / 13CH
Surface Display	4-digit Display
Protection Level	IP66
Product Size	96 x 8 x 9 cm (37.8 x 3.2 x 3.5 in)
Product Net Weight	2.8 kg / 6.17 lb
Material	Aluminum
Color	Black



Image: Visual representation of technical specifications and dimensions.

10. Warranty and Support

This product is covered by a standard manufacturer's warranty. For specific warranty details, claims, or technical support, please refer to the documentation included with your purchase or contact the seller directly. Keep your proof of purchase for warranty purposes.

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