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Warmdance ZQ06196

Warmdance ZQ06196 250W RGBW LED Stage Wall Washer Light Bar User Manual

Model: ZQ06196 | Brand: Warmdance

1. Introduction

This manual provides essential information for the safe and effective operation of your Warmdance ZQ06196 250W RGBW LED Stage Wall Washer Light Bar. This powerful lighting fixture is designed for various applications, including stage performances, concerts, parties, festivals, and event decorations. It features 21 high-quality RGBW LEDs, offering a wide range of colors and dynamic lighting effects. Please read this manual thoroughly before use and retain it for future reference.

2. What's in the Box

Upon unpacking, please ensure all items listed below are present and in good condition:

- Warmdance ZQ06196 250W RGBW LED Stage Wall Washer Light Bar
- Power Cord (approximately 42 inches)
- Mounting Tools/Hardware
- User Manual



Image: The Warmdance ZQ06196 light bar, power cord, and user manual as they appear when unboxed.

3. Product Overview

The Warmdance ZQ06196 is a robust and versatile LED lighting fixture. Its design incorporates a durable enclosure and a flexible mounting bracket for various installation options.

3.1 Physical Features

- **Dimensions:** Approximately 19.29"L x 10.47"W x 4.96"H (49cm L x 26.6cm W x 12.6cm H).
- **Weight:** Approximately 9.4 lbs (4.25 kg).
- **Material:** Aluminum enclosure.
- **LEDs:** 21 high-quality RGBW LEDs (15W each) with a 30° wide-angle lens.
- **Mounting Bracket:** Integrated metal stand/handle that rotates 180° for multi-angle lighting.



Image: Detailed view of the light bar with its dimensions and rotating bracket.



Image: Multiple angles showcasing the robust enclosure and design of the light bar.

3.2 Control Panel

The rear panel of the light bar features a digital display and control buttons for easy operation:

- **Display:** A 4-digit LED display shows current settings and modes.
- **Buttons:** Menu, Up, Down, and Enter buttons for navigating and selecting options.
- **Power Ports:** Power In and Power Out connectors for daisy-chaining multiple units.
- **DMX Ports:** DMX In and DMX Out connectors for external DMX control.

4. Setup

Follow these steps to set up your light bar:

1. **Placement:** Position the light bar on a stable surface using its integrated stand, or mount it to a wall or ceiling using appropriate hardware (provided). Ensure adequate ventilation around the unit.

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. If connecting multiple units, use the 'POWER OUT' port to link to the next unit.
3. **DMX Connection (Optional):** For DMX control, connect a DMX cable from your DMX controller to the 'DMX IN' port. If daisy-chaining DMX, connect from 'DMX OUT' to the 'DMX IN' of the next fixture.

5. Operating Modes

The Warmdance ZQ06196 offers diverse control options and built-in lighting effects.

5.1 Control Modes

The light bar supports the following control modes:

- **Automatic Mode:** The light bar cycles through pre-programmed effects automatically.
- **Sound-Controlled Mode:** Lights react to ambient sound or music, creating dynamic effects.
- **Master-Slave Synchronization:** Connect multiple units, and one unit acts as the master, controlling all other slave units.
- **DMX Control (4/8/28/32 Channels):** For advanced control, connect to a DMX controller to customize every aspect of the lighting. In DMX mode, the 21 LEDs can be independently controlled in 7 segments (3 LEDs per segment), allowing for flexible programming.

5.2 Built-in Effects

The unit features 63 built-in dazzling lighting effects, including strobe (1-20Hz), pulse, and fade. The speeds of these effects are adjustable.



Image: Examples of red, green, blue, white, yellow, and purple light output from the wall washer.

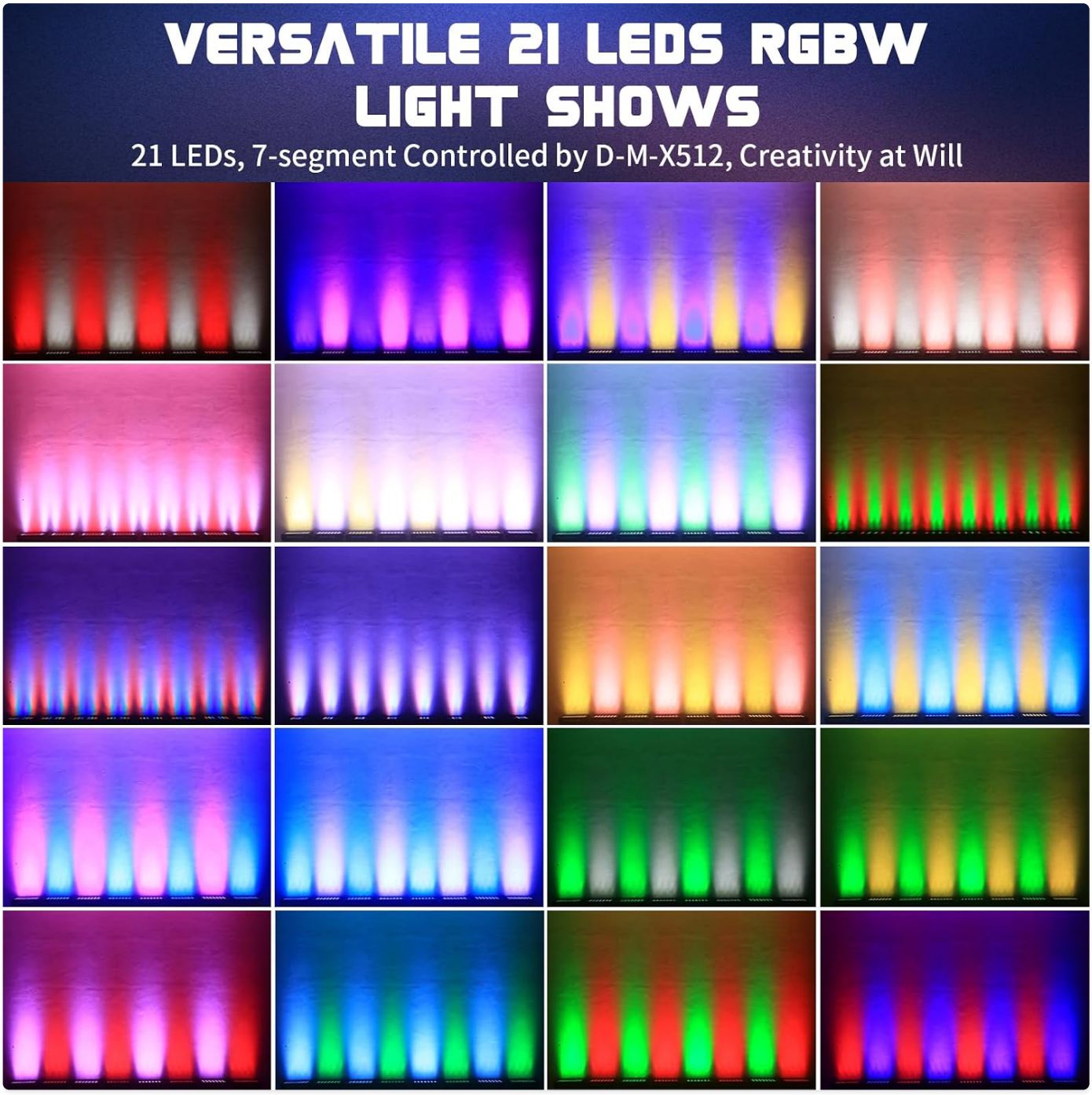


Image: A grid displaying various dynamic light patterns and color combinations achievable with the 21 LEDs.



Image: Examples of the light bar's wide-angle illumination in a wedding hall, concert, and building exterior.

6. Maintenance

To ensure the longevity and optimal performance of your light bar, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the exterior of the unit with a soft, dry cloth. Ensure the unit is unplugged before cleaning. Do not use harsh chemicals or abrasive materials.
- **Ventilation:** Keep the ventilation openings clear of dust and debris to prevent overheating.
- **Storage:** When not in use for extended periods, store the light bar in a cool, dry place, away from direct sunlight and extreme temperatures.
- **LED Lifespan:** The LEDs have an estimated lifespan of 20,000 hours, ensuring long-term reliability.

7. Troubleshooting

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

- **No Power:**
  - Check if the power cord is securely connected to both the unit and the power outlet.
  - Verify that the power outlet is functional.
- **Lights Not Responding to Controls:**
  - Ensure the correct operating mode is selected on the display.
  - If using DMX, check DMX cable connections and DMX address settings.
- **Inconsistent Lighting Effects:**
  - In Sound-Controlled mode, ensure the microphone is not obstructed and sound input is sufficient.
  - For Master-Slave setup, confirm the master unit is correctly configured and slave units are linked properly.

For further assistance, please contact customer support.

8. Specifications

Feature	Specification
Brand	Warmdance
Model Number	ZQ06196
Power Source	Corded Electric
Light Source Type	RGBW LED
Material	Aluminum
Color	Black
Product Dimensions	19.29"L x 10.47"W x 4.96"H
Manufacturer	Shenzhen Zhuoqiong Technology Co., Ltd.
Channel Options	4 / 8 / 28 / 32 international standard channels
Light Source Life	≥20000h
Dimming	Linear dimming, 0% to 100% adjustable
Strobe Frequency	1-20 Hz per second, with adjustable speed
IP Grade	IP20, for indoor use

9. Warranty and Support

The Warmdance ZQ06196 LED Stage Wall Washer Light Bar comes with a 30-day refund policy. Additionally, lifetime technical support is provided for DMX light troubleshooting and general product inquiries. For support, please refer to the contact information provided with your purchase or visit the official Warmdance store.

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