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LaluceNatz 40IN 100W RGBWA DMX Light Bar (B0DQ7VH7YP)

LaluceNatz 40-inch 100W RGBWA DMX Stage Light Bar

Model: 40IN 100W RGBWA DMX Light Bar (B0DQ7VH7YP)

User Manual

1. Introduction

This manual provides essential information for the safe and effective operation of your LaluceNatz 40-inch 100W RGBWA DMX Stage Light Bar. Please read these instructions thoroughly before installation and use, and retain them for future reference.
The LaluceNatz Stage Light Bar is a versatile lighting fixture designed for various events, offering a wide range of color mixing and dynamic effects. It features 448 LEDs, including RGB, cool white, and amber, providing a comprehensive lighting solution.

2. Safety Instructions

- **Electrical Safety:** Ensure the power supply voltage matches the specified range (110V-240V AC, 50/60Hz). Always connect to a grounded power outlet. Disconnect power before cleaning or servicing.
- **Installation:** Install the fixture in a well-ventilated area, away from flammable materials. Ensure secure mounting using appropriate hardware. Do not block ventilation openings.
- **Temperature:** The fixture's surface may become hot during operation. Avoid direct contact. Allow sufficient cooling time before handling.
- **Moisture:** This product is intended for indoor use only. Do not expose to rain, moisture, or high humidity.
- **Eye Safety:** Do not stare directly into the light source when the fixture is operating, as it can cause eye strain or damage.
- **Maintenance:** Refer all servicing to qualified personnel. Do not attempt to repair the unit yourself.

3. Package Contents

Upon unpacking, verify that all components are present and undamaged. If any items are missing or damaged, contact your retailer immediately.

- LaluceNatz 40-inch 100W RGBWA DMX Stage Light Bar

- Power Cord (3.4 ft)
- Mounting Brackets (pre-attached or included)
- User Manual (this document)

4. Product Features

- **LED Configuration:** Features 448 LEDs, including 224 RGB LEDs, 112 cool white LEDs, and 112 amber LEDs for comprehensive color mixing (RGBWA).
- **Dynamic Effects:** Capable of producing white strobe, colored washes, and dynamic pixel effects.
- **Multiple Operating Modes:** Supports Automatic, Sound Activated, Master-Slave, and DMX512 control modes.
- **Adjustable Beam Angle:** Offers a beam angle range of 6-120 degrees for varied lighting effects.
- **Robust Construction:** Durable aluminum alloy housing and bracket for effective heat dissipation and stable operation.
- **Daisy Chain Capability:** Power link up to 6 fixtures for extended setups.



Image 4.1: The LaluceNatz Stage Light Bar showcasing its multi-color wash capabilities.



Image 4.2: Close-up view of the LED arrangement and illustration of different beam angles (6°, 120°).

5. Specifications

Feature	Specification
Model	40IN 100W RGBWA DMX Light Bar (B0DQ7VH7YP)
Light Source	448 LEDs (224 RGB, 112 Cool White, 112 Amber)
Power Consumption	100 Watts
Input Voltage	AC 110V-240V, 50/60Hz
Beam Angle	6-120 Degrees
Control Modes	Automatic, Sound Activated, Master-Slave, DMX512
DMX Channels	5/12/14/75CH

Material	Aluminum Alloy
Dimensions (L x H x D)	Approx. 40.9 x 2.8 x 3.6 inches (103.9 x 7.1 x 9.1 cm)
Power Cord Length	3.4 ft (1.04 m)



Image 5.1: Overview of the light bar's physical features and dimensions.

6. Setup

6.1 Mounting

The light bar comes with adjustable brackets for flexible mounting options. Ensure the mounting surface or truss is capable of supporting the fixture's weight. Use appropriate clamps or screws (not included) for secure installation.

- **Surface Mounting:** Use the pre-drilled holes on the brackets to secure the light bar to a flat surface.
- **Truss Mounting:** Attach appropriate clamps (e.g., C-clamps, O-clamps) to the brackets and then secure to a truss system. Always use a safety cable (not included) when mounting overhead.

6.2 Power Connection

1. Connect the provided power cord to the "POWER IN" connector on the light bar.
2. Plug the other end of the power cord into a grounded electrical outlet (110V-240V AC).
3. For daisy-chaining multiple units, connect a power link cable (not included) from the "POWER OUT" of the first fixture to the "POWER IN" of the next. A maximum of 6 fixtures can be daisy-chained.

6.3 DMX Connection (Optional)

To control the light bar via DMX, connect a DMX cable (not included) from your DMX controller's output to the "DMX IN" port on the light bar. For multiple DMX fixtures, connect from the "DMX OUT" of the first fixture to the "DMX IN" of the next, forming a daisy chain.

7. Operating Instructions

The light bar features an LED display and control buttons (MENU, UP, DOWN, ENTER) for mode selection and parameter adjustment.



Image 7.1: Visual representation of the various operating modes available.

7.1 Control Panel Overview

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

7.2 Operating Modes

Press the MENU button to cycle through the following modes:

- **DMX512 Mode:** Allows external control via a DMX controller. Set the DMX address using the UP/DOWN buttons and confirm with ENTER. Refer to the DMX channel chart (typically found in a separate DMX manual or product documentation) for specific channel functions. The light bar supports 5, 12, 14, or 75 DMX channels.
- **Automatic Mode:** The light bar cycles through pre-programmed light shows and color changes. Use UP/DOWN to select different auto programs or adjust speed.
- **Sound Activated Mode:** The light bar reacts to ambient sound or music via its built-in microphone. Use UP/DOWN to adjust sound sensitivity.
- **Master-Slave Mode:** Connect multiple light bars via DMX cables. Set one unit as "Master" and others as "Slave." The slave units will mimic the master's operation.
- **Static Color Mode:** Select a fixed color from the RGBWA spectrum. Use UP/DOWN to adjust individual color intensities (Red, Green, Blue, White, Amber).
- **Strobe Mode:** Activates a flashing light effect. Adjust strobe speed using UP/DOWN.



Image 7.2: Examples of individual color outputs from the light bar.



Image 7.3: Illustration of pixel strobe and chase effects.

8. Maintenance

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

- **Cleaning:** Periodically clean the lens and housing with a soft, lint-free cloth. Do not use abrasive cleaners or solvents. Ensure the fixture is powered off and cooled before cleaning.
- **Inspection:** Regularly check power cables, DMX cables, and mounting hardware for any signs of wear, damage, or loose connections.
- **Storage:** When not in use, store the light bar in a dry, dust-free environment, preferably in its original packaging or a protective case.

9. Troubleshooting

Problem	Possible Cause	Solution

No power	Power cord not connected; no power from outlet; faulty cord.	Check power connections. Test outlet with another device. Replace power cord if damaged.
Light bar not responding to DMX	Incorrect DMX address; faulty DMX cable; DMX controller issue; incorrect DMX mode selected.	Verify DMX address matches controller. Check DMX cable connections. Ensure DMX mode is active on the light bar. Test with a different DMX cable or controller.
Lights flicker or behave erratically	Loose connection; power fluctuations; interference.	Check all power and DMX connections. Ensure stable power supply. Avoid placing near strong electromagnetic sources.
Sound Activated mode not working	Microphone sensitivity too low; no sound input.	Increase microphone sensitivity via the control panel. Ensure there is sufficient sound for the microphone to detect.

10. Warranty and Support

For warranty information or technical support, please contact LaluceNatz customer service. Keep your purchase receipt as proof of purchase.

LaluceNatz Customer Service: Refer to the retailer's website or your purchase documentation for contact details.

Online Resources: Visit the LaluceNatz Store on Amazon for additional product information and support.

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