LaluceNatz LA-108-336ST

LaluceNatz 150W 336LEDs RGBW Stage Strobe Light User Manual

Model: LA-108-336ST

Introduction

This manual provides detailed instructions for the safe and effective operation of your LaluceNatz 150W 336LEDs RGBW Stage Strobe Light. This innovative fixture combines strobe, wash, and eye-candy effects, featuring 288 x 0.3-Watt RGB SMD LEDs and 48 x 2-Watt white SMD LEDs. Both LED types are grouped into independently controllable zones for dynamic lighting patterns. Please read this manual thoroughly before use and retain it for future reference.



Image: The LaluceNatz 150W RGBW Stage Strobe Light in action, illuminating a vibrant event with colorful effects.

Safety Information

To ensure safe operation, observe the following precautions:

- Always connect the unit to a grounded power outlet.
- 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, as it can cause eye damage.
- Ensure proper ventilation around the fixture to prevent overheating.
- Keep the unit away from moisture, water, and flammable materials.

- Use only the specified voltage range (110V-240V).
- Securely mount the fixture using appropriate hardware to prevent accidental falls.

What's in the Box

Verify that all components are present upon unpacking:

- 1 x 150W Stage Strobe Light
- 1 x RF Remote Control
- 1 x Power Cable
- 1 x User Manual (this document)
- 1 x Mounting Bracket
- 2 x Screws Knobs

Image: An illustration showing all items included in the product package: the strobe light, remote, power cable, bracket, screws, and user manual.

Product Overview

The LaluceNatz 150W 336LEDs RGBW Stage Strobe Light features a robust ABS casing and an integrated fan for heat dissipation. It includes 336 LEDs, divided into RGB and white zones, offering a wide range of lighting effects. The unit is designed for easy installation and operation.

Control Panel and Connections

The rear panel of the strobe light houses the control buttons, digital display, DMX input/output, and power input/output connections.

Your browser does not support the video tag.

Video: An overview of the LaluceNatz 150W RGBW 4-in-1 DMX Strobe Light, demonstrating its features and connections. This video is provided by the seller, LaluceNatz.

Setup

Mounting

The fixture can be mounted to a wall, T-bar, or placed on the floor using the included bracket. Ensure the mounting surface or structure can support the weight of the fixture securely.

1. Attach the mounting bracket to the sides of the light using the provided screws and knobs.
2. Secure the bracket to your desired mounting location (e.g., truss, wall) using appropriate clamps or screws (not included).
3. Adjust the angle of the light as needed and tighten the knobs to secure its position.

Power Connection

Connect the included power cable to the power input on the rear of the fixture and then to a standard 110V-240V AC power outlet. The unit features locking power input/output connections, allowing for daisy-chaining up to 6 units on 110V power to reduce cable clutter.



Image: Multiple LaluceNatz strobe lights mounted on a truss, demonstrating a typical DMX setup with power daisy-chaining.

Operating Instructions

The LaluceNatz strobe light offers multiple control modes:

Remote Control Operation

The included wireless RF remote provides convenient control over various functions:

- **Light ON/OFF:** Power the unit on or off.
- **DMX ON/OFF:** Toggle DMX control.
- **Color Select:** Choose static colors (Red, Green, Blue, White, Amber, Purple, etc.).
- **Auto Mode:** Activates automated programs (70 RGB, 63 White, 70 RGBW effects).
- **Sound Mode:** Activates sound-activated programs.
- **Strobe Mode:** Engages strobe effects.
- **Mode Select (+/-):** Navigate through different auto/color/sound modes.
- **Speed Adjust (+/-):** Adjust the speed of auto or strobe effects.
- **Sound Sensitivity Adjust (+/-):** Adjust sensitivity for sound-activated mode.



Image: The strobe light alongside its remote control, with labels indicating the function of each button for easy operation.

DMX512 Control

For advanced control, connect the fixture to a DMX512 controller (not included). The light supports 4, 16, or 88 DMX channels, allowing for complex pixel mapping and programming. Refer to the DMX channel chart in the full user manual for specific channel assignments.



Image: A DMX controller connected to multiple LaluceNatz strobe lights, illustrating DMX control capabilities.

Master/Slave Mode

Multiple units can be linked together using DMX cables to operate in a synchronized Master/Slave configuration. Connect the DMX output of the master unit to the DMX input of the first slave unit, and then daisy-chain to subsequent slave units. The master unit will control all linked slave units, creating coordinated lighting displays.



Image: Several LaluceNatz strobe lights working in unison, demonstrating the master-slave synchronization feature for coordinated effects.

Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your strobe light:

- **Cleaning:** Periodically clean the exterior casing and lens with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Ventilation:** Ensure the cooling fan and ventilation openings are free from dust and debris. Blocked vents can lead to overheating.
- **Inspection:** Regularly check power cables and DMX connections for any signs of damage. Replace damaged cables immediately.
- **Storage:** When not in use, store the fixture in a dry, dust-free environment.

Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on.	No power, faulty cable, unit off.	Check power connection, try another outlet, ensure unit is powered on.
Remote control not working.	Battery depleted, remote out of range, obstruction.	Replace remote battery, ensure clear line of sight, operate within range.
DMX control not responding.	Incorrect DMX address, faulty DMX cable, DMX mode not activated.	Verify DMX address, check DMX cable connections, ensure DMX mode is enabled on the fixture.
Overheating.	Blocked ventilation, insufficient airflow.	Clear all vents, ensure adequate space around the fixture for airflow.

Specifications

Model Number	LA-108-336ST
Brand	LaluceNatz
Power	150W
LEDs	336 (288 x 0.3W RGB SMD, 48 x 2W White SMD)
Color	RGBW
DMX Channels	4 / 16 / 88
Control Modes	Remote, DMX512, Sound-Activated, Auto, Static Color, Strobe, Master/Slave
Voltage	110V-240V AC
Material	Acrylonitrile Butadiene Styrene (ABS)
Dimensions (L x W x H)	14.5" x 2.9" x 6"
Beam Angle	135 degrees

Warranty and Support

The LaluceNatz 150W 336LEDs RGBW Stage Strobe Light comes with a **1-year manufacturer's warranty**. For any inquiries, technical assistance, or support, please refer to the contact information provided with your purchase or visit the official LaluceNatz website. Your satisfaction is our priority.

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