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LaluceNatz LA-110-336STR-RGBWA

LaluceNatz 120W RGBWA Stage Strobe Light User Manual

Model: LA-110-336STR-RGBWA
Brand: LaluceNatz

1. Introduction

This manual provides essential information for the safe and effective operation of your LaluceNatz 120W RGBWA Stage Strobe Light. This multi-effect fixture is designed to produce bright white strobe flashes, amber blinder effects, vibrant color washes, and dynamic chase effects, suitable for various event settings including concerts, festivals, nightclubs, and parties. Please read this manual thoroughly before use and retain it for future reference.

2. Safety Information

- **Electrical Safety:** Always connect the unit to a grounded power outlet. Ensure the power supply voltage matches the unit's requirements (110V). Disconnect power before cleaning or servicing.
- **Placement:** Mount the fixture securely using the adjustable bracket and safety loop. Ensure adequate ventilation to prevent overheating. Do not expose to rain or moisture.
- **Eye Safety:** Avoid direct eye exposure to the light source, as it can cause eye damage.
- **Handling:** Do not operate the unit if the power cord is damaged. Refer all servicing to qualified personnel.

3. Package Contents

Verify that all items are present in the package:

- 1 x LaluceNatz 120W Stage Strobe Light
- 1 x IR Remote Controller
- 1 x 100cm / 39.37inch Power Cable
- 1 x User Manual



Image: The LaluceNatz 120W Stage Strobe Light, remote control, power cable, and user manual are shown on a gray carpet.

4. Product Features

- **High Power Output:** 120W with 336 LEDs for bright illumination.
- **LED Configuration:** 228 RGB LEDs for color effects and 48 White + Amber LEDs for traditional strobe and blinder effects.
- **Zoned Control:** 8 independent zones for White + Amber LEDs and 16 independent zones for RGB LEDs, enabling complex chase effects.
- **Control Options:** Remote Control, DMX512 (12 and 70 channels), Auto Mode, Sound-Activated Mode, Master/Slave.
- **Optical Design:** Features a round convex lens in the center for concentrated and brighter light output.
- **Durable Construction:** Lightweight yet sturdy ABS casing.
- **Efficient Cooling:** Dual cooling fans ensure stable performance during extended use.
- **Flexible Mounting:** 360° adjustable bracket for versatile positioning.
- **Built-in Effects:** 20 pre-programmed effects and 99 levels of adjustable sound sensitivity.

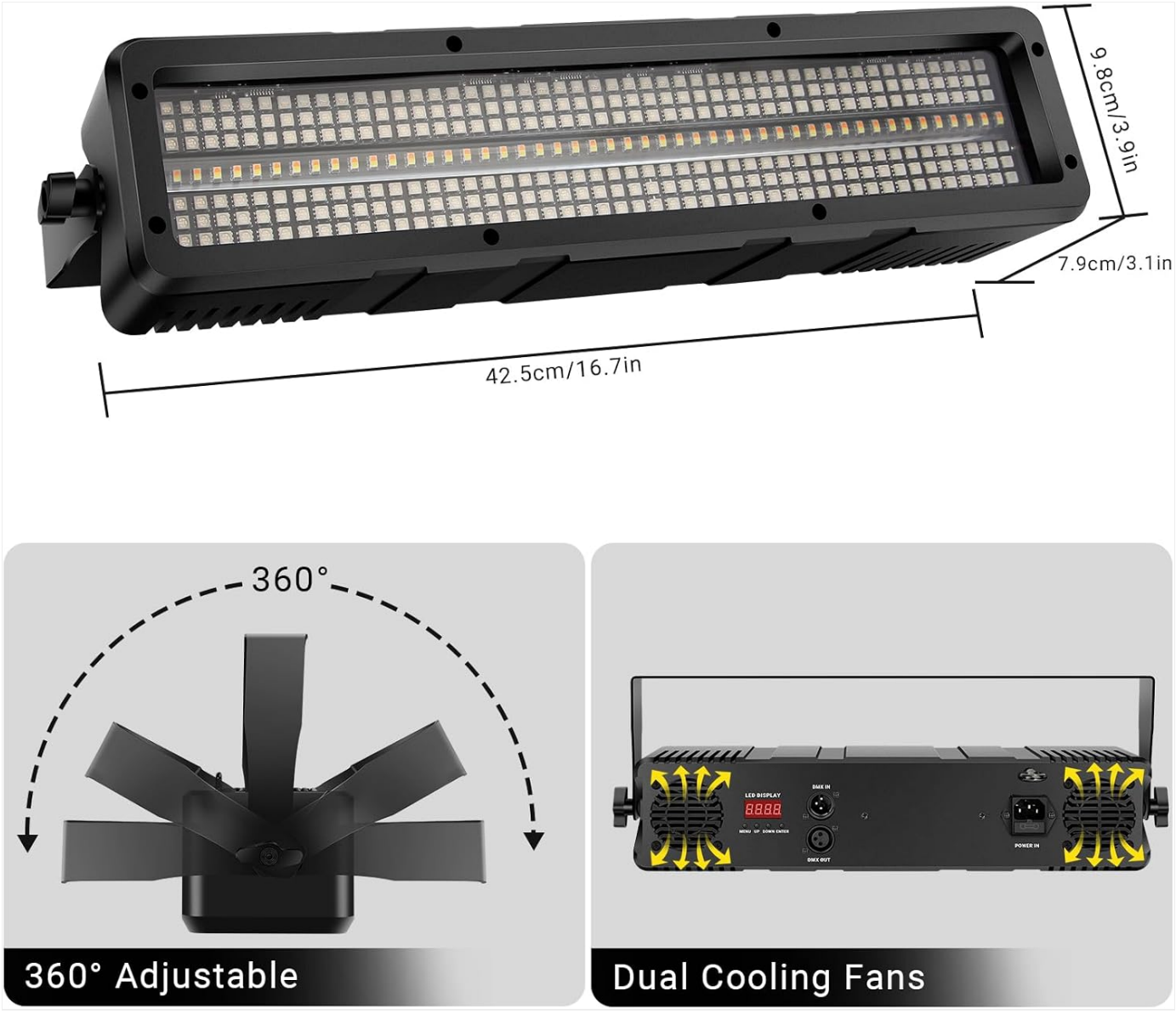


Image: This diagram illustrates the physical dimensions of the light, its 360-degree adjustable bracket, and the dual cooling fans.

5. Setup

5.1 Mounting

The fixture includes a 360° adjustable bracket for flexible mounting. Securely attach the bracket to a truss, lighting bar, or other stable surface. Always use a safety cable (not included) attached to the designated safety loop on the unit to prevent accidental drops.

5.2 Power Connection

Connect the provided power cable to the 'POWER IN' port on the rear of the unit and then to a suitable grounded electrical outlet (AC 100V-240V, 50/60Hz). The unit does not support power daisy-chaining.

5.3 DMX Connection (Optional)

For DMX control, connect a DMX cable from your DMX controller's output to the 'DMX IN' port on the fixture. If connecting multiple units, daisy-chain them by connecting the 'DMX OUT' of the first unit to the 'DMX IN' of the next, and so on. Terminate the last unit in the chain with a DMX terminator (not included).



Image: The rear panel of the strobe light, detailing the LED display, control buttons, DMX input/output ports, power input, and safety loop.

6. Operating Instructions

6.1 Control Panel

The LED display on the rear of the unit shows the current mode or DMX address. Use the 'MENU', 'UP', 'DOWN', and 'ENTER' buttons to navigate settings and select operating modes.

6.2 Remote Control

The included IR remote control provides convenient access to various functions:

- **ON/OFF:** Power the unit on or off.
- **UP/DOWN:** Adjust brightness or navigate menu options.
- **Dimmer:** Directly control overall brightness.
- **R, G, B, W, A, P:** Select Red, Green, Blue, White, Amber, or Purple colors.
- **Full Color:** Activates full color mixing.

- **Fade:** Activates color fade mode.
- **Sound:** Activates sound-activated mode.
- **Auto:** Activates automatic program mode.
- **Strobe:** Activates strobe effect.
- **Preset:** Accesses pre-programmed effects.
- **SP SEN (+/-):** Adjust sound sensitivity or program speed.



Image: Various color combinations and effects achievable with the RGBWA LEDs, demonstrating the light's versatility.



Image: The strobe light illuminating a party scene, highlighting its sound-activated capabilities.

7. DMX Control

The fixture supports DMX512 protocol with two channel modes: 12-channel and 70-channel. The 70-channel mode offers granular control over individual RGB and White/Amber zones for advanced programming.

7.1 DMX Channel Modes

Refer to the DMX chart in the full user manual for detailed channel assignments and functions for both 12CH and 70CH modes. This allows for precise control over dimming, strobe speed, color temperature, individual color dimmers, and program selection.



Image: A DMX512 controller connected to the strobe light, indicating its compatibility with professional lighting setups.

8. Maintenance

- **Cleaning:** Regularly clean the lens and casing with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Fan Maintenance:** Ensure the cooling fan vents are clear of dust and debris to maintain optimal airflow and prevent overheating.
- **Storage:** Store the unit in a dry, dust-free environment when not in use.

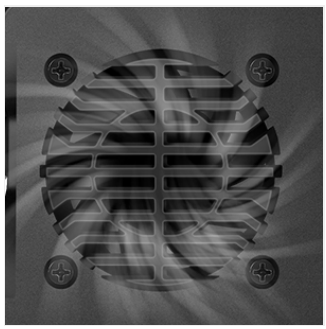


Image: A detailed view of the built-in cooling fan, emphasizing the importance of keeping it clear for proper function.

9. Troubleshooting

- **No Power:** Check the power cable connection and ensure the outlet is functional. Verify the unit's power switch is in the ON position.
- **No Light Output:** Ensure the unit is powered on and not in a dimmed state. Check the selected mode (e.g., DMX, Auto, Sound).
- **Remote Control Not Responding:** Ensure there are no obstructions between the remote and the unit's IR receiver. Check and replace the remote control battery if necessary.
- **DMX Control Issues:** Verify DMX cable connections and ensure the DMX address is correctly set on the fixture. Check the DMX controller's output and settings. Ensure a DMX terminator is used on the last fixture in a daisy-chain.
- **Overheating:** Ensure cooling fan vents are clear and the unit has adequate ventilation. If the unit overheats, it may temporarily shut down to protect components.

10. Specifications

Power	120W
Light Source	288pcs 5050 RGB 3in1 LEDs, 48pcs 3030 Dual Color (White+Amber) LEDs
Voltage	AC 100V-240V, 50/60Hz
Material	Acrylonitrile Butadiene Styrene (ABS)
Dimensions (L x W x H)	16.93" x 3.15" x 3.94" (43 x 8 x 10 cm)
Weight	2.98 lb / 1.35 kg
Control Modes	Auto, Sound, Master/Slave, Remote Control, DMX512
DMX Channels	12CH, 70CH
Cooling	Dual Cooling Fans

11. Warranty and Support

This LaluceNatz product comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use.
For technical support, warranty claims, or any inquiries regarding your product, please contact LaluceNatz customer service through the retailer where the product was purchased or visit the official LaluceNatz website for contact information.

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