

## lightmaXX LIG0015656-000

# lightmaXX CLS Nano RGBW - LED Spot Set User Manual

Model: **LIG0015656-000**

Brand: **lightmaXX**

## PRODUCT OVERVIEW

The lightmaXX CLS Nano RGBW is an LED lighting system featuring four spotlights, designed for use on theater and stage productions. Its compact size and low weight also make it suitable for mobile applications.

Each spotlight is equipped with three powerful 4W QCL LEDs, contributing to a total power consumption of 48 watts. The COB LEDs incorporate red, green, blue, and white primary colors, allowing for the creation of a wide spectrum of other colors through mixing. The beam angle is 25 degrees. Additionally, the QCL LEDs offer stepless dimming from 0-100% and can produce a powerful strobe effect. Control options include DMX and music control.



The lightmaXX CLS Nano RGBW LED Spot Set, showcasing its four individual spotlights mounted on a central bar, with the LEDs emitting green light.

## SAFETY INSTRUCTIONS

Please read and understand all safety instructions before operating the device. Failure to do so may result in injury or damage to the product.

- Always connect the device to a grounded power outlet.
- Ensure proper ventilation around the unit to prevent overheating.
- Do not expose the device to rain or moisture.
- Avoid direct eye exposure to the light source.
- Only qualified personnel should perform service or repairs.

- Disconnect from power before cleaning or maintenance.

## SETUP

### Unpacking

Carefully remove the CLS Nano RGBW from its packaging. Inspect the unit for any signs of damage during transit. Retain the packaging for future storage or transport.

### Mounting

The CLS Nano RGBW is designed for secure mounting on a lighting stand or truss system. Use appropriate clamps and safety cables (not included) to ensure the unit is securely fastened and cannot fall. Ensure the mounting surface can support the weight of the fixture (7.13 kg).

### Connections

Connect the device as follows:

- **Power Connection:** Use the provided IEC power cable to connect the unit to a suitable mains power outlet.
- **DMX Connection (Optional):** For DMX control, connect a 3-pin XLR DMX cable from your DMX controller's output to the unit's DMX IN port. If linking multiple units, connect from the first unit's DMX OUT to the next unit's DMX IN.



Detailed rear view of the lightmaXX CLS Nano RGBW, highlighting the power input, DMX In/Out ports, and the digital control display with navigation buttons.

## OPERATING INSTRUCTIONS

### Control Panel Overview

The control panel on the rear of the unit features a digital display and four buttons:

- **MENU:** Navigates through the main menu options.
- **UP:** Increases values or moves up through menu options.
- **DOWN:** Decreases values or moves down through menu options.
- **ENTER:** Confirms selections or enters sub-menus.

### Operating Modes

The CLS Nano RGBW offers several operating modes:

- **DMX Mode:** For external control via a DMX controller.
- **Auto Mode:** Runs pre-programmed light shows automatically.
- **Sound-Activated Mode:** Reacts to music or sound via a built-in microphone.

- **Static Color Mode:** Displays a single, constant color.

## DMX Control

To operate the unit via DMX, set the DMX address using the control panel. Refer to the DMX channel chart in the full manual for specific channel functions (e.g., Dimmer, Red, Green, Blue, White, Strobe, Programs).

## Auto Programs

Navigate to the Auto mode setting using the MENU button. Use UP/DOWN to select different built-in programs. Press ENTER to confirm. Some programs may allow adjustment of speed or intensity.

## Sound-Activated Mode

Select the Sound-Activated mode from the menu. The unit will use its internal microphone to react to ambient sound. Adjust the microphone sensitivity if available in the menu to fine-tune the response.

## Static Color Mode

In Static Color mode, you can manually select a desired color. Use the UP/DOWN buttons to adjust the intensity of Red, Green, Blue, and White LEDs to create custom colors.



The lightmaXX CLS Nano RGBW LED Spot Set displaying a vibrant red color output from its four spotlights.



The lightmaXX CLS Nano RGBW LED Spot Set illuminating with a deep blue color.



The lightmaXX CLS Nano RGBW LED Spot Set producing a bright white light.





The lightmaXX CLS Nano RGBW LED Spot Set emitting a warm yellow light.



The lightmaXX CLS Nano RGBW LED Spot Set displaying a cool cyan light.



The lightmaXX CLS Nano RGBW LED Spot Set showcasing a rich purple illumination.



The lightmaXX CLS Nano RGBW LED Spot Set with its spotlights in an off state, showing the clear lenses.

## MAINTENANCE

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### Cleaning

Regular cleaning helps maintain optimal performance and appearance. Disconnect the unit from power before cleaning.

- Use a soft, lint-free cloth to wipe down the exterior.
- For lenses, use a specialized lens cleaner and a soft cloth to avoid scratches.
- Do not use abrasive cleaners, solvents, or harsh chemicals.

### Storage

When not in use for extended periods, store the CLS Nano RGBW in its original packaging or a suitable flight case. Store in a cool, dry place away from direct sunlight and extreme temperatures.

### TROUBLESHOOTING

This section addresses common issues you might encounter. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
No power	Power cable disconnected; Outlet not active; Fuse blown	Check power cable connection; Test outlet with another device; Replace fuse (if applicable and safe to do so)
No DMX control	Incorrect DMX address; Faulty DMX cable; DMX controller issue; Master/Slave conflict	Verify DMX address setting; Test/replace DMX cable; Check DMX controller output; Ensure correct Master/Slave configuration
Lights not responding in Auto/Sound mode	Incorrect mode selected; Microphone sensitivity too low (Sound mode)	Ensure correct operating mode is selected; Adjust microphone sensitivity in Sound mode
Unit overheats	Insufficient ventilation; Blocked cooling vents	Ensure adequate space around the unit; Clean any dust or debris from cooling vents

### SPECIFICATIONS

Model	LIG0015656-000
Brand	lightmaXX
Dimensions (L x W x H)	88.6 x 38 x 18.8 cm
Weight	7.13 kg
LED Type	4 x (3x 4W QCL RGBW LEDs)
Total Power Consumption	48 watts
Beam Angle	25°
Control Modes	DMX, Auto, Sound-activated, Static Color
Features	Dimmable, Strobe Effect, DMX Control, Music Control, RGBW LED
Power Source	Mains Power (IEC C14)


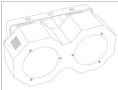

Manufacturer	lightmaXX
Country of Origin	Germany
First Available Date	January 15, 2020

## WARRANTY AND SUPPORT

This lightmaXX product is covered by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or contact the seller directly. For technical support, troubleshooting assistance beyond this manual, or spare parts inquiries, please contact your authorized lightmaXX dealer or the manufacturer's customer service department. Keep your purchase receipt and model number (LIG0015656-000) ready when contacting support.

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## Related Documents

<div><div>DEUTSCH/ENGLISH</div><div><div>LightmaXX LED NANO PAR</div><div></div><div><div>LIG0015656-000 1.0.0.0</div><div>Technical support LightmaXX</div></div></div></div>	<p><a href="#">LightmaXX LED NANO PAR User Manual</a></p> <p>User manual for the LightmaXX LED NANO PAR, covering safety instructions, installation, operation modes (DMX, Static, Auto, Sound), connections, menu structure, specifications, troubleshooting, cleaning, and environmental protection.</p>
<div><div>DEUTSCH/ENGLISH</div><div><div>lightmaXX LED Blinder 2</div><div></div><div><div>LIG0015656-000 1.0.0.0</div><div>Technical support LightmaXX</div></div></div></div>	<p><a href="#">lightmaXX LED Blinder 2 User Manual</a></p> <p>Comprehensive user manual for the lightmaXX LED Blinder 2, covering safety instructions, installation, operation, DMX modes, troubleshooting, and specifications. Merges German and English content into a single, accessible guide.</p>
<div><div>DEUTSCH/ENGLISH</div><div><div>lightmaXX Vega Beam 1.0</div><div></div><div><div>LIG0015656-000 1.0.0.0</div><div>Technical support LightmaXX</div></div></div></div>	<p><a href="#">lightmaXX Vega Beam 1.0 User Manual</a></p> <p>Comprehensive user manual for the lightmaXX Vega Beam 1.0 lighting effect, covering safety instructions, installation, operation modes (DMX, Auto, Sound), DMX channel configurations, specifications, troubleshooting, and maintenance.</p>

LightmaXX  
VECTOR SPOT 150



[LightmaXX Vector Spot 150 User Manual](#)

Comprehensive user manual for the LightmaXX Vector Spot 150 moving head lighting effect, covering safety, installation, operation, DMX control, specifications, and troubleshooting. Includes detailed DMX channel tables and operational guidance.