

lightmaXX Vega 3-Way PRO Beam/WASH/FX

lightmaXX Vega 3-Way PRO Beam/WASH/FX Moving Head Scanner Instruction Manual

Model: Vega 3-Way PRO Beam/WASH/FX (LIG0014819-000)

1. INTRODUCTION

Thank you for choosing the lightmaXX Vega 3-Way PRO Beam/WASH/FX Moving Head Scanner. This versatile lighting fixture is designed for professional stage, event, and club applications, offering dynamic beam, wash, and special effect capabilities. This manual provides essential information for safe operation, setup, maintenance, and troubleshooting to ensure optimal performance and longevity of your device.

2. SAFETY INSTRUCTIONS

Please read and understand all safety instructions before installing or operating this device. Failure to comply with these instructions may result in electric shock, fire, or personal injury.

- This device is for professional use only.
- Ensure the power supply voltage matches the voltage specified on the unit.
- Always connect the device to a grounded power outlet.
- Disconnect from mains power before any service, cleaning, or maintenance.
- Do not operate the device if the power cord is damaged.
- Avoid direct eye exposure to the light source.
- Ensure adequate ventilation around the unit to prevent overheating. Maintain a minimum distance of 0.5 meters from flammable materials.
- Mount the device securely using appropriate clamps and safety cables.
- Do not open the housing; there are no user-serviceable parts inside. Refer all servicing to qualified personnel.
- Keep the device away from rain, moisture, and extreme temperatures.

3. PRODUCT OVERVIEW

The lightmaXX Vega 3-Way PRO is a hybrid moving head fixture designed to deliver powerful and versatile lighting effects. It combines beam, wash, and special effect functionalities in one compact unit.



Figure 3.1: Front view of the lightmaXX Vega 3-Way PRO, displaying red light output.



Figure 3.2: Front view of the lightmaXX Vega 3-Way PRO with lights off, showing the lens array.

3.1 Control Panel and Connections

The rear of the unit features the control panel and various input/output connections for power and DMX control.



Figure 3.3: Close-up of the control panel and connection ports.



Figure 3.4: Rear view of the lightmaXX Vega 3-Way PRO, showing DMX In/Out, Power In/Out, and fuse.

- **DMX IN/OUT:** 3-pin XLR connectors for DMX signal input and output.
- **POWER IN/OUT:** PowerCon compatible connectors for mains power input and daisy-chaining power to other units.
- **FUSE:** Fuse holder for circuit protection.
- **ON/OFF Switch:** Main power switch for the unit.
- **Display:** LCD screen for menu navigation and settings.
- **Control Buttons:** UP, DOWN, ESC, ENTER for navigating the menu and adjusting settings.
- **DMX/Run Indicators:** LEDs indicating DMX signal presence and auto-run mode.

4. SETUP

4.1 Mounting

The lightmaXX Vega 3-Way PRO can be mounted in various orientations (floor, truss, wall) using appropriate mounting hardware (not included). Always ensure the mounting surface or truss is capable of supporting the weight of the fixture and any additional equipment.

- Use a safety cable (not included) attached to the designated safety point on the fixture to prevent accidental drops.
- Ensure the fixture is securely fastened and balanced.
- Allow sufficient space around the fixture for ventilation and movement.

4.2 Power Connection

Connect the provided power cable to the POWER IN connector on the fixture and then to a suitable grounded power outlet. The unit supports daisy-chaining power to other fixtures using the POWER OUT connector, but ensure the total current draw does not exceed the circuit breaker's rating.

4.3 DMX Connection

To control the fixture via DMX, connect a DMX controller to the DMX IN port using a 3-pin XLR cable. If connecting multiple DMX fixtures, daisy-chain them by connecting the DMX OUT of the first fixture to the DMX IN of the next. The last fixture in the chain should have a DMX terminator connected to its DMX OUT port to prevent signal reflection.

5. OPERATING

5.1 Control Panel Navigation

Use the control buttons to navigate the menu and adjust settings:

- **UP/DOWN:** Scroll through menu options or increase/decrease values.
- **ENTER:** Select an option or confirm a setting.
- **ESC:** Go back to the previous menu or cancel an action.

5.2 DMX Address Setting

To control the fixture with a DMX controller, you must set a unique DMX start address for each unit. Refer to the DMX channel chart in your DMX controller's manual for channel assignments.

1. Press **ENTER** to access the main menu.
2. Navigate to the 'DMX Address' or 'Address Set' option using **UP/DOWN**.
3. Press **ENTER** to select.
4. Use **UP/DOWN** to set the desired DMX start address.
5. Press **ENTER** to confirm and save the address.

5.3 Operating Modes

The lightmaXX Vega 3-Way PRO typically offers several operating modes:

- **DMX Mode:** Full control over all functions via a DMX controller.
- **Auto Run Mode:** Pre-programmed internal light shows that run automatically. Select 'Auto Run' from the menu and choose a program.
- **Sound Active Mode:** The fixture reacts to sound via its built-in microphone. Select 'Sound Active' from the menu.

- **Master/Slave Mode:** Link multiple units together. Set one unit as 'Master' and others as 'Slave'. The slave units will mirror the master's actions.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your lightmaXX Vega 3-Way PRO.

- **Cleaning:** Periodically clean the lenses and exterior housing with a soft, lint-free cloth. Do not use abrasive cleaners or solvents. Ensure the unit is powered off and cool before cleaning.
- **Ventilation:** Keep ventilation openings clear of dust and debris. Use compressed air to gently clear vents if necessary.
- **Fuse Replacement:** If the unit does not power on, check the fuse. Disconnect power, unscrew the fuse holder, and replace with a fuse of the exact same type and rating (refer to specifications).
- **Inspection:** Regularly inspect power cables, DMX cables, and mounting hardware for any signs of wear or damage. Replace damaged components immediately.

7. TROUBLESHOOTING

If you encounter issues with your lightmaXX Vega 3-Way PRO, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	No mains power; Blown fuse; Damaged power cable	Check power outlet; Replace fuse; Replace power cable
No DMX control	Incorrect DMX address; Faulty DMX cable; No DMX signal; Missing terminator	Verify DMX address; Check/replace DMX cables; Ensure DMX controller is active; Add DMX terminator to last fixture
Fixture not moving/responding	DMX issue; Internal error; Motor blockage	Check DMX connection/address; Power cycle the unit; Ensure no physical obstructions
Overheating	Blocked ventilation; Insufficient airflow	Clear vents; Ensure proper spacing for airflow

If the problem persists after attempting these solutions, please contact lightmaXX customer support or your authorized dealer.

8. SPECIFICATIONS




Feature	Specification
Model	Vega 3-Way PRO Beam/WASH/FX
Manufacturer Reference	LIG0014819-000
Power Consumption	240 Watts

Feature	Specification
Dimensions (L x W x H)	43.5 x 36.5 x 33 cm
Weight	11.1 Kilograms
Connectivity	DMX (3-pin XLR), PowerCon compatible (In/Out), USB (for service/firmware)
Optical Sensor Technology	CMOS
Resolution	600 (units not specified, likely for internal sensor)

9. WARRANTY AND SUPPORT

For warranty information, please refer to the terms and conditions provided at the time of purchase or contact your authorized lightmaXX dealer. If you require technical assistance or have questions not covered in this manual, please contact lightmaXX customer support or your retailer for further guidance.

Related Documents - Vega 3-Way PRO Beam/WASH/FX

	<p>Lightmaxx VEGA 3WAY PRO 6x40W RGBW Moving Head User Manual</p> <p>Comprehensive user manual for the Lightmaxx VEGA 3WAY PRO BEAM WASH FX 6*40W RGBW moving head stage light. Details safety instructions, installation, operation, DMX control (10/17 channels), and technical specifications.</p>
	<p>LightmaXX VEGA SHIGGY BEAM WASH User Manual</p> <p>Comprehensive user manual for the LightmaXX VEGA SHIGGY BEAM WASH moving head lighting fixture, covering safety instructions, installation, operation, DMX control, technical specifications, and troubleshooting.</p>
	<p>lightmaXX Vega Beam 1.0 User Manual</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>

<div><div>lightmaXX</div><div>Vector Shaft 7R</div><div></div><div><div>112018</div><div>LightmaXX Vector Shaft 7R</div></div></div>	<p>LightmaXX Vector Shaft 7R User Manual - Operation, Specifications, and Safety</p> <p>Comprehensive user manual for the LightmaXX Vector Shaft 7R moving head lighting effect. Covers safety instructions, installation, operation, DMX control, specifications, troubleshooting, and disposal.</p>
<div><div>lightmaXX</div><div>VEGA SILENT PAR SERIES</div><div></div><div><div>020223</div><div>LightmaXX VEGA Silent PAR Series</div></div></div>	<p>LightmaXX VEGA Silent PAR Series User Manual and Specifications</p> <p>Comprehensive user manual and technical specifications for the LightmaXX VEGA Silent PAR Series LED lighting effects, covering setup, operation, safety, and troubleshooting. Includes model details, DMX modes, and installation guidelines.</p>
<div><div>lightmaXX</div><div>VEGA Silent PAR III Complete</div><div></div><div><div>12021823-000</div><div>LightmaXX VEGA Silent PAR III Complete</div></div></div>	<p>lightmaXX VEGA Silent PAR III Complete Bedienungsanleitung</p> <p>Entdecken Sie den lightmaXX VEGA Silent PAR III Complete LED-Beleuchtungseffekt mit dieser umfassenden Bedienungsanleitung. Erfahren Sie mehr über Installation, sichere Bedienung, DMX-Steuerung und technische Details für professionelle Lichtenwendungen.</p>