

ALGAM LIGHTING LAL MW19X15ZX

ALGAM LIGHTING Lyre Wash Zoom LAL MW19X15ZX 19x15W LED Moving Head Instruction Manual

Model: LAL MW19X15ZX

1. INTRODUCTION

This instruction manual provides essential information for the safe and efficient operation of your ALGAM LIGHTING Lyre Wash Zoom LAL MW19X15ZX moving head fixture. Please read this manual thoroughly before installation, operation, or maintenance to ensure proper use and to prevent damage or injury. Keep this manual for future reference.

2. SAFETY INFORMATION

Always observe the following safety precautions to reduce the risk of electric shock, fire, or personal injury:

- **Electrical Safety:** Ensure the power supply voltage matches the fixture's requirements (100-240V 50/60 Hz). Always connect to a grounded power outlet. Disconnect power before any service or maintenance.
- **Installation:** This fixture is designed for indoor use only (IP20 rating). Mount securely using appropriate hardware and a safety cable. Maintain a minimum distance of 0.5 meters from combustible materials.
- **Temperature:** Do not operate in excessively high temperatures. Ensure adequate ventilation around the fixture.
- **Handling:** Avoid direct eye exposure to the light source. Do not open the housing; there are no user-serviceable parts inside. Refer all servicing to qualified personnel.
- **Moisture:** Protect the device from rain and moisture.

3. PRODUCT OVERVIEW

The ALGAM LIGHTING Lyre Wash Zoom LAL MW19X15ZX is a powerful LED moving head fixture featuring 19 x 15W RGBW (Red, Green, Blue, White) LEDs, offering versatile color mixing and dynamic wash effects. It includes motorized zoom functionality and precise PAN/TILT movements for comprehensive stage coverage.



Figure 1: Front view of the ALGAM LIGHTING Lyre Wash Zoom LAL MW19X15ZX, showcasing the LED array and control panel.



Figure 2: Rear view of the fixture, detailing the DMX input/output (XLR 3-pin), power input, and power switch.



Figure 3: Bottom view of the fixture, showing the mounting points for the hanging bracket and the safety cable attachment point.

4. SETUP

4.1 Unpacking

Carefully remove the fixture from its packaging. Inspect for any damage during transit. The package should include the moving head fixture, a power cable, a hanging bracket (ring hook), and a safety sling.

4.2 Mounting

The fixture can be mounted in various orientations (e.g., truss, floor). Always ensure the mounting surface or structure can support the fixture's weight (8.5 kg) and any additional equipment. Use the provided hanging bracket and secure it to the bottom of the fixture. Always attach the safety sling to a separate, secure point to prevent the fixture from falling in case of primary mounting failure.

4.3 Power Connection

Connect the supplied power cable to the power input on the rear of the fixture (refer to Figure 2). Plug the other end into a grounded 100-240V, 50/60 Hz power outlet. Ensure the power switch is in the OFF position before connecting power.

4.4 DMX Connection

For DMX control, connect a DMX cable from your DMX controller's output to the DMX IN (XLR 3-pin) port on the fixture (refer to Figure 2). If connecting multiple fixtures, daisy-chain them by connecting the DMX OUT of the first fixture to the DMX IN of the next. Use a DMX terminator on the last fixture in the chain for optimal signal integrity.

5. OPERATING INSTRUCTIONS

5.1 Initial Power-Up

After all connections are made, switch the power ON. The fixture will perform a self-test and then display its current DMX address or operating mode on the control panel (refer to Figure 1).

5.2 Control Panel Navigation

The control panel typically consists of a display and several buttons (MENU, UP, DOWN, ENTER). Use these buttons to navigate through the menu options and adjust settings such as DMX address, DMX channel mode (15 or 23 channels), and built-in programs.

- **MENU:** Enters the menu or moves back to the previous menu level.
- **UP/DOWN:** Navigates through menu options or adjusts parameter values.
- **ENTER:** Confirms a selection or enters a submenu.

5.3 DMX Control

Set the DMX address for each fixture using the control panel. Each fixture requires a unique starting address. The LAL MW19X15ZX supports either 15 or 23 DMX channels. Consult your DMX controller's manual and the fixture's DMX chart (usually provided in a separate DMX protocol document) for detailed channel assignments, including PAN, TILT, RGBW intensity, zoom, strobe, and dimmer functions.

5.4 Movement and Zoom

The fixture offers a PAN movement range of up to 540° and a TILT movement range of up to 270°. These movements are controlled via DMX. The motorized zoom allows for adjustment of the beam angle, providing flexibility for wide washes or tighter beams.

6. MAINTENANCE

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

- **Cleaning:** Periodically clean the lenses and exterior housing with a soft, lint-free cloth. For stubborn dirt, use a mild glass cleaner. Ensure the fixture is powered off and cool before cleaning.

- **Inspection:** Regularly check all cables, connectors, and mounting hardware for signs of wear or damage. Replace any damaged components immediately.
- **Internal Maintenance:** Do not attempt to open the fixture for internal cleaning or repair. This should only be performed by qualified service technicians.

7. TROUBLESHOOTING

If you encounter issues with your fixture, refer to the following common troubleshooting steps:

- **No Power:** Check the power cable connection, the power outlet, and the fixture's power switch. Ensure the voltage is correct.
- **No DMX Control:** Verify DMX cable connections. Ensure the DMX address is correctly set and unique for each fixture. Check the DMX controller's output. Confirm the DMX channel mode is correctly selected on the fixture.
- **Fixture Not Moving/Responding:** Check DMX signal. If in standalone mode, ensure the correct program is selected.
- **Intermittent Operation:** Check for loose connections (power or DMX). Ensure proper ventilation to prevent overheating.

If problems persist after attempting these steps, contact ALGAM LIGHTING customer support or a qualified service technician.

8. SPECIFICATIONS

Model	LAL MW19X15ZX
Light Source	19 x 15W RGBW LEDs
DMX Channels	15 or 23 channels
DMX Connectivity	XLR 3-pin (Input/Output)
PAN Movement	Up to 540°
TILT Movement	Up to 270°
Zoom	Motorized
Power Supply	100-240V AC, 50/60 Hz
Power Consumption	Not specified (typically around 285W max for 19x15W)
IP Rating	IP20 (Indoor Use Only)
Dimensions (L x W x H)	325 x 188 x 395 mm (Fixture) / 39.5 x 32.5 x 18.8 cm (Package)
Weight	8.5 kg
Finish Type	Lacquered
Color	Black
Included Components	Power cable, hanging bracket (ring hook), safety sling



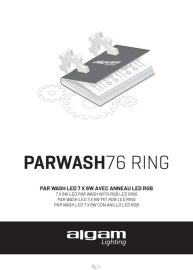
9. WARRANTY AND SUPPORT




Information regarding specific warranty terms for the ALGAM LIGHTING Lyre Wash Zoom LAL MW19X15ZX is not provided in the product details. For warranty claims or technical support, please contact your authorized ALGAM LIGHTING dealer or visit the official ALGAM LIGHTING website for customer service contact information.

Spare parts availability information is currently unavailable. Please contact ALGAM LIGHTING support for inquiries regarding replacement parts.

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Related Documents - LAL MW19X15ZX

	<p>MW19x15ZX 19 x 15W LED Wash Moving Head with Zoom - User Manual</p> <p>User manual for the Algam Lighting MW19x15ZX LED Wash Moving Head light fixture. Includes safety instructions, installation, operation, DMX protocol, and technical specifications.</p>
	<p>Algam Lighting MHE60 : Manuel d'utilisation du Wash Moving Head LED avec Laser</p> <p>Découvrez le manuel d'utilisation complet pour l'Algam Lighting MHE60, un Wash Moving Head LED 60W avec faisceau laser. Guidez-vous à travers l'installation, l'utilisation et les spécifications techniques.</p>
	<p>Algam Lighting PARWASH76 RING LED PAR Wash User Manual</p> <p>Comprehensive user manual for the Algam Lighting PARWASH76 RING LED PAR Wash fixture, covering safety instructions, installation, operation, DMX control, and specifications.</p>

 <p>MOVING MIRROR 6</p> <p>EFFET MIRA À FACETTES DES MIRRORS ROTATIFS EFFECT MIRROR WITH FACETTES EFFECT OF ROTATING MIRRORS WITH FACETTES</p> <p>alгам</p>	<p>Algam Lighting MOVING MIRROR 6 User Manual and Specifications</p> <p>Comprehensive user manual for the Algam Lighting MOVING MIRROR 6, detailing safety instructions, installation, operation, DMX protocols, and technical specifications. This guide is designed for professional lighting applications.</p>
 <p>MINIPAR46 QUAD</p> <p>PAR LED 4x10W RGBW PAR LED 4x10W RGBW PAR LED 4x10W RGBW</p> <p>alгам</p>	<p>Algam Lighting MINIPAR46 QUAD User Manual</p> <p>Comprehensive user manual for the Algam Lighting MINIPAR46 QUAD PAR LED spotlight, covering safety instructions, installation, operation, maintenance, DMX protocol, and technical specifications.</p>
 <p>SLIMPAR1210 QUAD</p> <p>PROJECTEUR PAR 4 LED RGBW PAR LED 4x12W RGBW PAR LED 4x12W RGBW</p> <p>alгам</p>	<p>Algam Lighting SLIMPAR1210 QUAD RGBW LED PAR Projector User Manual</p> <p>User manual for the Algam Lighting SLIMPAR1210 QUAD RGBW LED PAR Projector, detailing safety instructions, product installation, operation, DMX protocol, IR remote control, and technical specifications.</p>