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SHEHDS OG-JMSWEBBW19A-IPUS

SHEHDS 19x40W LED Moving Head Light User Manual

Model: OG-JMSWEBBW19A-IPUS

1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your SHEHDS 19x40W LED Moving Head Light. Please read this manual thoroughly before installation, setup, or operation. Retain this document for future reference.



Figure 1.1: Front view of the SHEHDS 19x40W LED Moving Head Light.

2. SAFETY INFORMATION

Observe the following safety precautions to prevent injury and damage to the device:

- Ensure the power supply voltage matches the device's requirements.
- Always connect the device to a grounded power outlet.
- Do not open the device housing; refer all servicing to qualified personnel.
- Avoid direct eye exposure to the light source.
- Ensure adequate ventilation around the fixture to prevent overheating.
- Securely mount the fixture using appropriate hardware and safety cables.
- Disconnect power before cleaning or maintenance.

3. PRODUCT OVERVIEW

The SHEHDS 19x40W LED Moving Head Light is a versatile stage lighting fixture designed for various performance environments. It features 19x40W RGBW 4-in-1 LEDs, offering a uniform color mixing system and rainbow effects. Key functionalities include a sharp beam mode, adjustable beam angle from 3.5° to 50°, and 360° rotation capabilities.

3.1. Key Features

- **Powerful RGBW LEDs:** 19x40W RGBW four-color LEDs for vibrant and uniform color mixing.
- **Adjustable Beam Angle:** Beam angle adjustable from 3.5° to 50° for versatile coverage.
- **360° Rotation:** Supports clockwise and counterclockwise 360° rotation for flexible positioning.
- **IP65 Waterproof Rating:** Designed for stable operation in outdoor and challenging environments.
- **Individual LED Control:** Each LED can be individually controlled for complex lighting effects.

3.2. Accessories and Components

The fixture includes various internal components and accessories to ensure optimal performance and functionality.



Figure 3.1: Internal components such as the LED light source, motor, main board, power supply, efficient fan, and LCD display.

3.3. Packing List

Upon unpacking, verify that all items listed below are present and undamaged:

- SHEHDS 19x40W LED Moving Head Light (x1)
- 1.2m Powercon Cable (EU/US/AU/UK) (x1)
- 2.0m Signal Cable (x1)

- Integrated Folding Light Hook (x1)
- User Manual (x1)

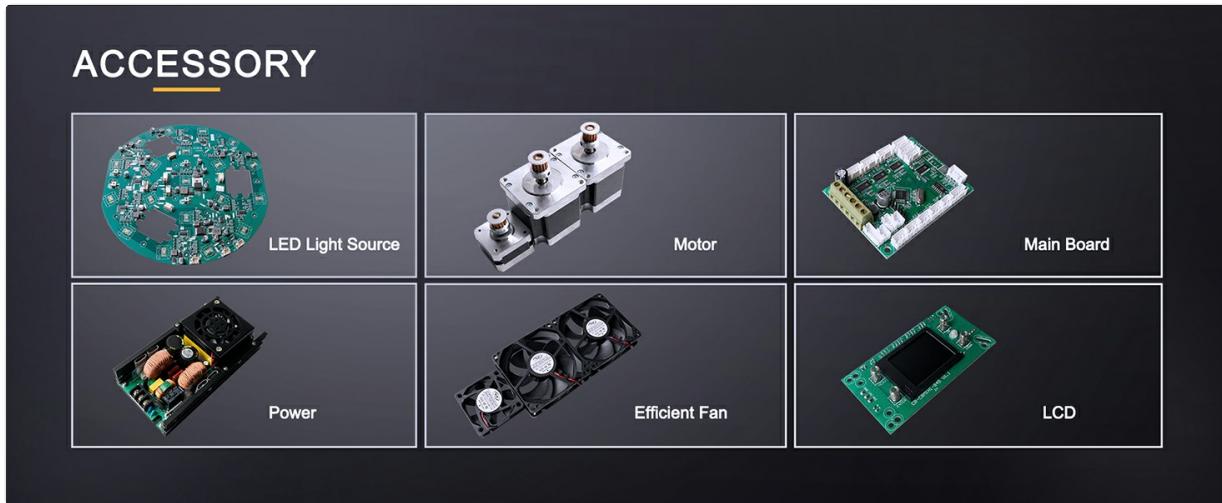


Figure 3.2: Contents included in the product package.

4. SETUP

Proper installation is crucial for the safety and performance of the moving head light. Ensure the fixture is mounted securely and all connections are correct.

4.1. Mounting

The fixture can be mounted using the integrated folding light hook. Ensure the mounting surface or truss system can support the weight of the fixture (approximately 57.8 pounds or 26.2 kg) and any additional equipment. Always use a safety cable as a secondary attachment.

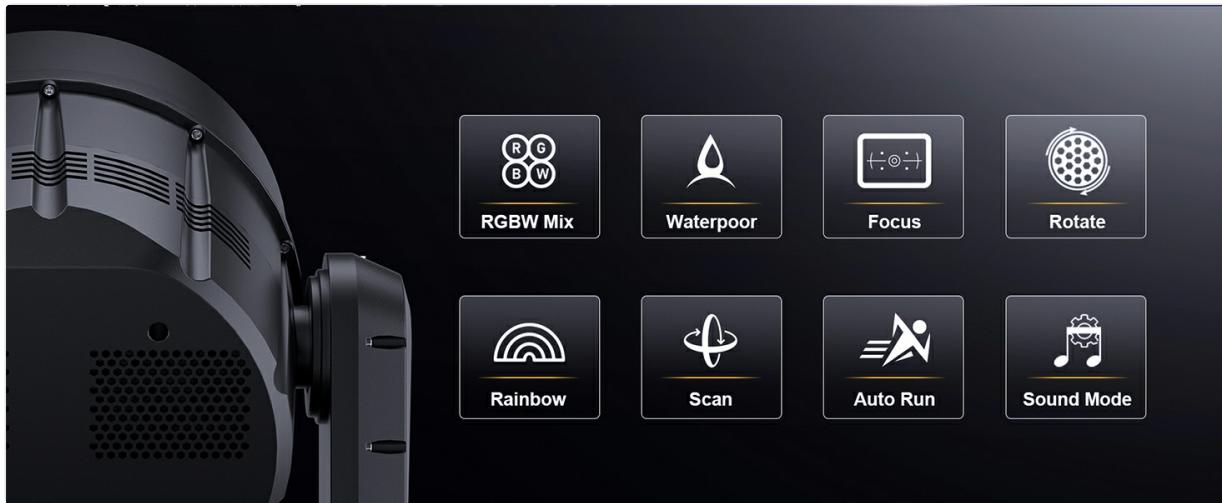


Figure 4.1: Example of suspension installation on a truss, showing the light hook and safety rope attachment points.

4.2. Electrical Connection

Connect the provided Powercon cable to the fixture's power input and a suitable grounded power outlet (120V AC). Ensure the connection is secure and waterproof if operating in damp conditions.

4.3. DMX Connection

For DMX control, connect a DMX cable from your DMX controller to the fixture's DMX input. If using multiple fixtures, daisy-chain them using DMX output to the next fixture's DMX input. Terminate the last fixture in the

chain with a DMX terminator.



Figure 4.2: Waterproof power and DMX interfaces for secure connections in various weather conditions.

5. OPERATING INSTRUCTIONS

The SHEHDS 19x40W LED Moving Head Light offers various control modes and effects. The onboard LCD display and control buttons allow for direct configuration.

5.1. Control Panel Overview

The control panel features an LCD display and navigation buttons (MENU, OK, UP, DOWN) for setting DMX addresses, operating modes, and other parameters.



Figure 5.1: LCD display and control buttons for system setup and mode selection.

5.2. DMX Address Setting

To set the DMX address:

1. Press the **MENU** button to access the main menu.
2. Navigate to 'DMXAddr' using the **UP/DOWN** buttons.
3. Press **OK** to select.
4. Use **UP/DOWN** to adjust the DMX start address.
5. Press **OK** to confirm and save the setting. The DMX address will be retained even after power cycling.

5.3. Operating Modes

The fixture supports various operating modes, including DMX control, auto-run, sound-activated, and master/slave configurations. Refer to the detailed DMX channel chart in the full manual for specific DMX control parameters.

5.4. Beam and Wash Effects

The light integrates powerful beam and wash functions, allowing for dynamic visual effects. The adjustable beam angle provides flexibility from a narrow, focused beam to a wide wash.

Figure 5.2: Beam angle adjustment from 3.5° to 50°.



Figure 5.3: Integration of powerful beam and wash functions.

5.5. Pan and Tilt Movement

The fixture supports 360° continuous rotation for pan and tilt movements, allowing for dynamic stage coverage.



Figure 5.4: Optical lens display showing pan (450°) and tilt (270°) movement ranges, including infinite rotation.

5.6. Multiple Effects

The individual control of each LED bulb allows for complex area, circular, and global control options, creating diverse visual effects.



Figure 5.5: Examples of multiple lighting effects achievable with the fixture.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your SHEHDS 19x40W LED Moving Head Light.

- **Cleaning:** Periodically clean the lenses and exterior with a soft, lint-free cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly check all cables, connections, and mounting hardware for signs of wear or damage. Replace any damaged components immediately.
- **Ventilation:** Ensure that the ventilation openings are clear of dust and debris to maintain proper heat dissipation.



Figure 6.1: The IP65 waterproof design allows for operation in various conditions, but regular cleaning is still recommended.

7. TROUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Fixture does not power on	No power supply; faulty cable; internal issue	Check power cable connection; verify power outlet; test with another cable; contact support if issue persists.
No DMX control	Incorrect DMX address; faulty DMX cable; DMX controller issue; missing terminator	Verify DMX address setting; check DMX cable integrity; ensure DMX terminator is used; test with another DMX controller.
Fixture overheating	Blocked ventilation; excessive ambient temperature	Ensure ventilation openings are clear; operate in a well-ventilated area; reduce ambient temperature if possible.
Abnormal movement or noise	Mechanical obstruction; motor issue	Check for any physical obstructions; power cycle the unit; contact support if the problem continues.

8. SPECIFICATIONS

Detailed technical specifications for the SHEHDS 19x40W LED Moving Head Light.



Figure 8.1: Product dimensions and weight.

Specification	Value
Model Number	OG-JMSWEBBW19A-IPUS
Light Source	19x40W RGBW 4-in-1 LEDs
Power Source	Corded Electric
Voltage	120 Volts (AC)
Light Source Wattage	760 Watts
Beam Angle	3.5° to 50°
Rotation	360° Pan/Tilt (Clockwise/Counterclockwise)
IP Rating	IP65 Waterproof

Specification	Value
Material	Aluminum
Finish Type	Powder Coated
Product Dimensions	16.5" L x 10.4" W x 23" H (41.9cm L x 26.4cm W x 58.4cm H)
Item Weight	57.8 pounds (26.2 kg)

9. WARRANTY AND SUPPORT

SHEHDS is committed to providing quality products and customer satisfaction.

- 1 Month Replacement:** In case of manufacturing defects within one month of purchase.
- 1 Year Warranty:** Covers defects in materials and workmanship for one year from the date of purchase.
- Customer Service:** For technical assistance, troubleshooting, or warranty claims, please contact SHEHDS customer support. Refer to your purchase documentation for contact details.



Figure 9.1: Overview of SHEHDS support and warranty.

Related Documents - OG-JMSWEBBW19A-IPUS

	<p>SHEHDS LED Beam+Wash 19x15W RGBW Zoom Lighting User's Manual</p> <p>User's manual for the SHEHDS LED Beam+Wash 19x15W RGBW Zoom Lighting fixture, detailing maintenance, safety, product specifications, and DMX channel configurations for 24-channel and 16-channel modes.</p>

 <p>SHEHDS USER'S MANUAL</p> <p>LED Beam+Wash Big Bees Eyes 19x20W RGBW Zoom Lighting</p> <p>WARNING: Keep this device away from rain and moisture!</p> <p>PREVIOUS 2019 EDITION, PLEASE DOWNLOAD MOST RECENT EDITION.</p> <p>REFRESHED 2019 EDITION - 09/2019</p> <p>www.shehds.com</p>	<h2>SHEHDS LED Beam+Wash Big Bees Eyes 19x20W RGBW Zoom Lighting User Manual</h2> <p>This user manual provides comprehensive guidance for the SHEHDS LED Beam+Wash Big Bees Eyes 19x20W RGBW Zoom Lighting fixture, covering installation, operation, maintenance, DMX control, technical specifications, and troubleshooting.</p>
 <p>SHEHDS USER'S MANUAL</p> <p>LED Beam 10x40W RGBW Lighting</p> <p>WARNING: Keep this device away from rain and moisture!</p> <p>PREVIOUS 2019 EDITION, PLEASE DOWNLOAD MOST RECENT EDITION.</p> <p>REFRESHED 2019 EDITION - 09/2019</p> <p>www.shehds.com</p>	<h2>SHEHDS LED Beam 10x40W RGBW Lighting User's Manual</h2> <p>Comprehensive user manual for the SHEHDS LED Beam 10x40W RGBW lighting fixture, detailing maintenance, operational modes, DMX channel configurations, and product specifications. Includes information on 5, 7, 14, 18, 42, and 54 channel modes.</p>
 <p>SHEHDS USER'S MANUAL</p> <p>180W Beam Moving Head Light</p> <p>WARNING: Keep this device away from rain and moisture!</p> <p>PREVIOUS 2019 EDITION, PLEASE DOWNLOAD MOST RECENT EDITION.</p> <p>REFRESHED 2019 EDITION - 09/2019</p> <p>www.shehds.com</p>	<h2>SHEHDS 180W Beam Moving Head Light User Manual</h2> <p>Comprehensive user manual for the SHEHDS 180W Beam Moving Head Light, covering maintenance, operation, DMX connection, technical specifications, and fault handling.</p>
 <p>SHEHDS USER'S MANUAL</p> <p>8x500mW Red Moving Head Laser Light + 8x9W RGB Beam</p> <p>WARNING: Keep this device away from rain and moisture!</p> <p>PREVIOUS 2019 EDITION, PLEASE DOWNLOAD MOST RECENT EDITION.</p> <p>REFRESHED 2019 EDITION - 09/2019</p> <p>www.shehds.com</p>	<h2>SHEHDS 8x500mW Red Moving Head Laser Light + 8x9W RGB Beam User Manual</h2> <p>User manual for the SHEHDS 8x500mW Red Moving Head Laser Light + 8x9W RGB Beam, detailing maintenance, product introduction, display control instructions, and DMX channel summaries for professional lighting applications.</p>