

## SHEHDS SHE-KWZMH3618F-BPUS

# SHEHDS LED Moving Head Light Instruction Manual

Model: SHE-KWZMH3618F-BPUS

Brand: SHEHDS

## 1. INTRODUCTION

Thank you for choosing the SHEHDS LED Moving Head Light. This professional stage lighting fixture is designed to provide dynamic wash and zoom effects for various events, including DJ performances, parties, weddings, and theatrical productions. Featuring 36x18W RGBWA+UV 6-in-1 LEDs, a wide 15-90 degree zoom range, and multiple control modes, this light offers versatility and powerful illumination. This manual provides essential information for safe operation, proper setup, and effective use of your new lighting fixture.

Please read this manual thoroughly before operating the device and retain it for future reference.

## 2. SAFETY INFORMATION

To ensure safe operation, please observe the following precautions:

- Always connect the fixture to a grounded power outlet.
- Do not open the housing; there are no user-serviceable parts inside. Refer all servicing to qualified personnel.
- Avoid direct eye exposure to the light source.
- Ensure adequate ventilation around the fixture to prevent overheating.
- Mount the fixture securely using appropriate clamps and safety cables.
- Disconnect power before cleaning or performing any maintenance.
- Keep the fixture away from moisture, water, and flammable materials.

## 3. PACKAGE CONTENTS

Verify that all items are present and in good condition upon unpacking:

- SHEHDS LED Moving Head Light (1 unit)
- Power Cable (1 unit)
- DMX Cable (1 unit)
- Mounting Brackets (2 units)
- Instruction Manual (this document)

# PACKAGE INCLUDE:



Figure 3.1: Contents typically included in the product package.

## 4. SETUP

### 4.1 Physical Installation

The SHEHDS LED Moving Head Light can be installed in various orientations (floor, wall, ceiling) using the provided mounting brackets. Ensure the mounting surface or truss system can support the fixture's weight (approximately

9.98 kg / 22 lbs) and any additional equipment.

1. Attach the mounting brackets securely to the fixture using the designated screw points.
2. Mount the fixture to your desired location using appropriate clamps (not included) and ensure it is stable.
3. Always use a safety cable (not included) as a secondary attachment to prevent accidental drops.

## PARAMETER SIZE

### Equipment parameters and dimensions



Figure 4.1: Product dimensions for installation planning. The light measures approximately 13.4 inches (L) x 9.1 inches (W) x 17.7 inches (H).

#### 4.2 Electrical Connections

Connect the fixture to a suitable power source. The unit supports daisy-chaining for power, allowing multiple units to be powered from a single outlet, provided the total current draw does not exceed the circuit's capacity.

1. Connect the provided power cable to the **POWER IN** port on the rear of the fixture.
2. Plug the other end of the power cable into a grounded electrical outlet.
3. To daisy chain power, connect an IEC power cable (not included) from the **POWER OUT** port of the first fixture to the **POWER IN** port of the next fixture.

#### 4.3 DMX Connection

For DMX control, connect the fixture to a DMX controller and other DMX-compatible devices.

1. Connect the DMX output of your controller to the **DMX-IN** port of the first fixture in your DMX chain.
2. Connect the **DMX-OUT** port of the first fixture to the **DMX-IN** port of the next fixture, and so on, to create a

DMX chain.

3. Ensure the last fixture in the DMX chain has a DMX terminator connected to its **DMX-OUT** port to prevent signal reflection.

# LED Wash Zoom Moving Head

36x18W RGBWA+UV

Red, Green, Blue, White, Amber, Ultraviolet and mixed colors

Touch screen



Figure 4.2: Rear panel showing 3-Pin DMX In/Out, IEC Power In/Out, and Fuse. These ports are essential for connecting the light to power and DMX control systems.

## 5. OPERATING INSTRUCTIONS

The SHEHDS LED Moving Head Light offers multiple operational modes to suit various applications.

### 5.1 Control Modes

The fixture supports the following control modes:

- **DMX512:** For professional control via an external DMX controller.
- **Auto:** Pre-programmed automatic light shows.
- **Sound Control:** Reacts to music and sound via a built-in microphone.
- **Stand Alone:** Operates independently using internal programs.
- **Master/Slave:** Link multiple fixtures where one acts as the master and others as slaves, synchronizing their effects.
- **Strobe:** Dedicated strobe effect mode.





Figure 5.1: Icons representing various control modes including LED technology, Strobe Effect, Auto Run, RGBW, Stand Alone Mode, DMX, Sound to Light, and Master/Slave.

## 5.2 Touch Screen Interface

The fixture features a touch screen display for easy navigation and setting adjustments.

1. Power on the unit. The touch screen will illuminate.
2. Use the touch interface to select desired modes, DMX addresses, and other parameters.
3. Press the OK key to confirm settings. Settings are retained even after power cycling.



Figure 5.2: The touch screen display on the base of the moving head light, used for navigating menus and adjusting settings.

### 5.3 Wash and Zoom Effects

The fixture provides a versatile wash effect and a zoom function from 15 to 90 degrees.

1. In DMX mode, control the zoom and wash parameters via your DMX controller.
2. In Auto or Sound Control modes, the fixture will automatically cycle through various wash and zoom effects.

## Wash Zoom Effect

### Zoom Angle: 15° to 90°



Figure 5.3: Examples of the wide wash and focused zoom effects achievable with the light, demonstrating its 15-90 degree zoom angle.



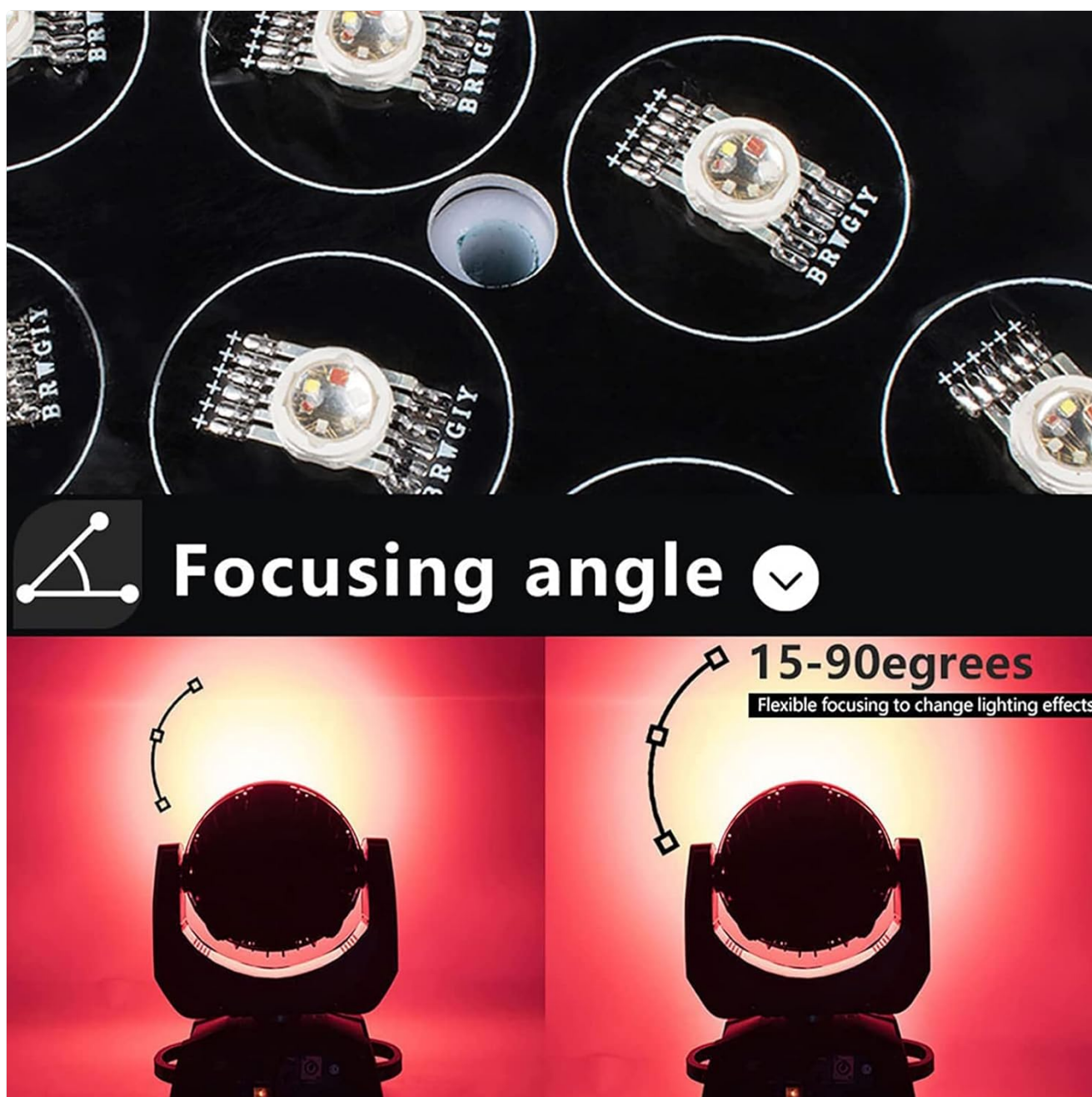


Figure 5.4: Illustration of the flexible focusing capability, allowing adjustment of the beam angle from 15 to 90 degrees to change lighting effects.

#### 5.4 Color Mixing (RGBWA+UV 6IN1)

The 36x18W LEDs combine Red, Green, Blue, White, Amber, and Ultraviolet colors to create a wide spectrum of hues.

1. In DMX mode, control individual color intensities to mix custom colors.
2. In other modes, the fixture will automatically display various color combinations and transitions.

# RGBWA+UV 6IN1 COLOR



Figure 5.5: Demonstrates the various colors achievable with the RGBWA+UV 6IN1 LEDs, including red, green, blue, white, amber, and purple.

## 5.5 Pan and Tilt Movement

The moving head allows for extensive pan (horizontal) and tilt (vertical) movement.

1. The fixture supports 540° pan and 180° tilt movement.
2. Control these movements via DMX or observe automatic patterns in other modes.

Video 5.1: Demonstration of the SHEHDS LED Wash Zoom Moving Head Light in action, showcasing its various color changes, wash effects, and dynamic pan and tilt movements. This video highlights the light's capabilities for stage and event lighting.

## 6. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your fixture.

- **Cleaning:** Periodically clean the lenses and exterior with a soft, lint-free cloth. Do not use abrasive cleaners or solvents.
- **Fan Vents:** Ensure fan vents are clear of dust and debris to maintain proper cooling.
- **Cable Inspection:** Regularly inspect power and DMX cables for any signs of damage. Replace damaged cables immediately.
- **Storage:** When not in use, store the fixture in a dry, dust-free environment.



## 7. TROUBLESHOOTING

If you encounter issues with your SHEHDS LED Moving Head Light, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Fixture does not power on.	No power, faulty cable, blown fuse.	Check power connection, test cable, replace fuse (refer to Figure 4.2 for fuse location).
No DMX control.	Incorrect DMX address, faulty DMX cable, no DMX signal, missing terminator.	Verify DMX address on fixture and controller, check DMX cables, ensure DMX signal is present, add DMX terminator to last fixture.
Light output is dim or inconsistent.	Overheating, dirty lenses, power supply issue.	Ensure proper ventilation, clean lenses, check power supply stability.
Moving head not responding or moving erratically.	Mechanical obstruction, DMX signal interference, internal error.	Check for obstructions, verify DMX signal integrity, power cycle the unit. If issue persists, contact support.

## 8. SPECIFICATIONS

Detailed technical specifications for the SHEHDS LED Moving Head Light:

Feature	Specification
Model Number	SHE-KWZMH3618F-BPUS
Light Source	36 x 18W RGBWA+UV 6IN1 LEDs
Zoom Angle	15-90 Degrees
Pan Movement	540°
Tilt Movement	180°
Control Modes	DMX512, Auto, Sound Control, Stand Alone, Master/Slave, Strobe
DMX Channels	512 (DMX 512)
Input Voltage	5 Volts (Operating Voltage)
Max Compatible Wattage	520 Watts
Item Weight	9.98 Kilograms (22 pounds)
Product Dimensions	13.4"L x 9.1"W x 17.7"H

Feature	Specification
Material	Metal, Plastic
UPC	761064095783

## 9. WARRANTY INFORMATION

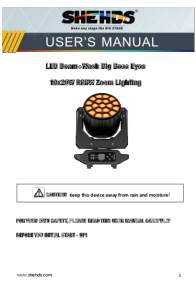
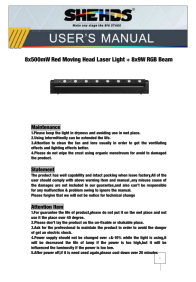
SHEHDS products are designed for reliability and performance. This product is covered by a manufacturer's warranty against defects in materials and workmanship. Specific warranty terms and duration may vary by region and retailer. Please retain your proof of purchase for warranty claims. For detailed warranty information, refer to the documentation provided at the time of purchase or contact SHEHDS customer support.

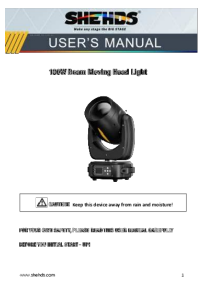
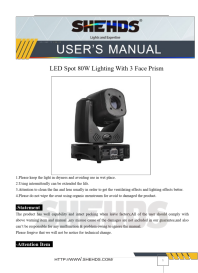

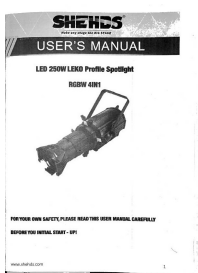
## 10. CUSTOMER SUPPORT

For technical assistance, troubleshooting, or any questions regarding your SHEHDS LED Moving Head Light, please contact SHEHDS customer support. You can find more information and contact details on the official SHEHDS website or through the retailer where you purchased the product.

Visit the official [SHEHDS Store](#) for product updates and additional resources.

### Related Documents - SHE-KWZMH3618F-BPUS

	<p><a href="#">SHEHDS LED Beam+Wash Big Bees Eyes 19x20W RGBW Zoom Lighting User Manual</a></p> <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><a href="#">SHEHDS 8x500mW Red Moving Head Laser Light + 8x9W RGB Beam User Manual</a></p> <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>

	<p><a href="#">SHEHDS 180W Beam Moving Head Light User Manual</a></p> <p>Comprehensive user manual for the SHEHDS 180W Beam Moving Head Light, covering maintenance, operation, DMX connection, technical specifications, and fault handling.</p>
	<p><a href="#">SHEHDS LED Spot 80W Moving Head Light User Manual</a></p> <p>User's manual for the SHEHDS LED Spot 80W moving head lighting fixture with 3-face prism. Details specifications, DMX channel control (10ch and 13ch), dimensions, and maintenance instructions.</p>
	<p><a href="#">SHEHDS LED Beam 10x40W RGBW Lighting User's Manual</a></p> <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><a href="#">SHEHDS LED 250W LEKO Profile Spotlight RGBW 4IN1 User Manual</a></p> <p>User manual for the SHEHDS LED 250W LEKO Profile Spotlight RGBW 4IN1, covering maintenance, operation, technical specifications, DMX connection, and control.</p>