SHEHDS SHE-COB200W

SHEHDS COB 250W RGBW 4in1 Linear Zoom Stage Wash Light User Manual

Model: SHE-COB200W

1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your SHEHDS COB 250W RGBW 4in1 Linear Zoom Stage Wash Light. Please read this manual thoroughly before installation, operation, or maintenance. Retain this manual for future reference.

Figure 1: SHEHDS COB 250W RGBW LED Par Light with barn doors.

2. SAFETY INSTRUCTIONS

- Always connect the fixture to a grounded circuit to avoid the risk of electrocution.
- Ensure all connections are secure before operating the light.
- Do not operate the fixture if the power cord is damaged.

- Avoid direct eye exposure to the light source.

- Ensure adequate ventilation around the fixture to prevent overheating.

- For overhead installations, always use a secondary safety attachment (e.g., a safety cable) in addition to the primary mounting bracket to prevent accidental falls.

3. SETUP

3.1 Unpacking and Inspection

Carefully unpack the fixture and inspect it for any damage during transit. Ensure all components listed in the packing list are present. The package includes the light fixture, a 1.2-meter power cable, a 1.2-meter DMX cable, and this user manual.

Figure 2: Included accessories: Power cable, DMX cable, and User Manual.

3.2 Mounting

The fixture can be hung from a truss, mounted on a wall, or placed on the ground. Use appropriate clamps and hardware for secure installation. When mounting overhead, it is crucial to implement a redundant safety system, such as a safety cable, to secure the fixture in case the primary mounting fails. This prevents the light from falling and causing injury or damage.

3.3 Connections

Connect the power cable to a suitable power outlet (120V AC). For DMX control, connect a DMX cable from your DMX controller to the DMX IN port of the fixture. For multiple fixtures, daisy-chain them by connecting the DMX OUT of the first fixture to the DMX IN of the next.

4. OPERATING INSTRUCTIONS

4.1 Control Panel

The fixture features an intuitive control panel with a display and buttons for navigation. Use the buttons to access menus, adjust parameters, and select operating modes. Once the DMX address or other settings are configured, press the OK key to confirm and save them. Settings will be preserved even after power cycling.

4.2 Operating Modes

The SHEHDS COB 250W RGBW light offers multiple control options:

- **DMX512 Control:** Connect to a DMX controller to manage colors, dimming, zoom, and other effects via 3 or 7 DMX channels.

- **Master/Slave Mode:** Link multiple fixtures where one acts as the master, controlling the others.

- **Sound Activated Mode:** The light reacts to ambient sound, creating dynamic effects. Note: This mode may

require significant audio volume to trigger effectively.

- **Color Jumping:** Cycles through various colors automatically.
- **Stand-alone Strobe:** Produces a flashing light effect.
- **Auto Running:** Pre-programmed light sequences run automatically.

4.3 Color and Zoom Features

The fixture provides a wide range of lighting possibilities:

- **RGBW 4in1:** Combines Red, Green, Blue, and White LEDs for a broad spectrum of colors and smooth color mixing.
- **Color Temperature:** Adjustable from 3200K (warm white) to 5600K (cool white) to match different ambient lighting or desired moods.
- **Linear Zoom (15-55°):** Allows for precise adjustment of the beam angle, from a narrow spotlight to a wide wash effect. This motorized zoom provides flexibility for various stage applications.
- **Barn Doors:** The included barn doors can be adjusted to control the light-emitting angle, block excess light, and shape the beam, preventing unwanted light spill.

Figure 3: RGBW 4in1 Color Capabilities.

Figure 4: Linear Zoom Range (15-55 degrees).

Figure 5: Fresnel Lens for enhanced light quality.

4.4 Official Product Video

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Video 1: Official product video demonstrating the SHEHDS COB 250W RGBW LED Par Light's features, including color changes, dimming, and various control modes.

5. MAINTENANCE

- **Cleaning:** Regularly clean the lens and exterior of the fixture with a soft, dry cloth to maintain optimal light output and prevent dust buildup.
- **Cooling System:** The built-in cooling fan ensures efficient heat dissipation. Keep the fan vents clear of obstructions.
- **Lifespan:** With durable aluminum die-cast shell and high-quality COB LEDs, the expected lifespan of this light is approximately 60,000 hours.
- **Inspection:** Periodically check all cables, connections, and mounting hardware for wear or damage. Replace any damaged components immediately.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light is dim or not as bright as expected.	Incorrect dimming setting; DMX channel misconfiguration; power supply issue.	Check dimming settings on the control panel or DMX controller. Ensure the power supply is stable.
Sound-activated mode is unresponsive.	Insufficient ambient sound volume; microphone sensitivity setting.	Increase audio volume or adjust the sound sensitivity setting on the fixture. Note that high frequencies may trigger the mode more easily than low frequencies.
Barn doors do not fit or align properly.	Misalignment during installation; incorrect screws used.	Ensure the barn door frame is correctly aligned with the fixture's mounting holes. Use the provided screws and avoid forcing them.
Uneven light output or color mixing.	Lens obstruction; internal component issue.	Clean the lens. If the problem persists, contact customer support.
Fan noise is noticeable.	Normal operation of cooling fan.	The fan operates to cool the LEDs. This is normal and typically not noticeable in environments with music or other ambient sound.

7. SPECIFICATIONS

Feature	Detail
Model Number	SHE-COB200W
Light Source Type	Light Emitting Diode (LED)
Wattage	250 Watts
Color	RGBW 4in1

Feature	Detail
Color Temperature	3200k-5600k
Linear Zoom	15-55 Degrees
Control Modes	DMX512 (3/7 Channels), Master/Slave, Sound Activated, Color Jumping, Stand-alone Strobe, Auto Running
Material	Aluminum
Finish Type	Brushed
Voltage	120 Volts (AC)
Item Weight	20.7 pounds
Product Dimensions	3"L x 3"W x 3"H (Note: These dimensions appear to be placeholder/incorrect based on product images and weight. Refer to actual product for precise measurements.)
Included Components	Light, Power Cable, DMX Cable, User Manual

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact SHEHDS customer service through the retailer where the product was purchased or visit the official SHEHDS website. Please have your model number (SHE-COB200W) and purchase date available when contacting support.