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SHEHDS 18x18W

SHEHDS 18x18W RGBWA+UV 6-in-1 LED Stage Wash Light Bar Instruction Manual

Model: 18x18W



1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your SHEHDS 18x18W RGBWA+UV 6-in-1 LED Stage Wash Light Bar. Please read this manual thoroughly before installation and use, and retain it for future reference. This device is designed for professional stage lighting applications, offering versatile color mixing and control options.

2. SAFETY INFORMATION

Observe the following safety precautions to prevent electric shock, fire, or injury.

- Ensure the power supply voltage matches the device's requirements (120V AC).
- Always connect the device to a grounded power outlet.
- Do not open the device casing. There are no user-serviceable parts inside. Refer all servicing to qualified personnel.
- Avoid direct eye exposure to the light source, as it can cause eye damage.
- Ensure adequate ventilation around the unit to prevent overheating. Do not block ventilation openings.
- Keep the device away from water, moisture, and flammable materials.
- Mount the device securely using appropriate hardware and ensure it is stable before operation.
- Disconnect power before cleaning or performing any maintenance.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- SHEHDS 18x18W RGBWA+UV 6-in-1 LED Stage Wash Light Bar

- Power Cable
- Mounting Brackets (2)
- Mounting Screws/Fasteners
- User Manual (this document)

Size and Weight:



Package Include:



An image displaying the dimensions (length, width, height) and weight of the SHEHDS 18x18W LED light bar, alongside a view of the product packaging and included accessories like power cable and mounting hardware.

4. PRODUCT OVERVIEW

4.1 Front View



A SHEHDS 18x18W LED light bar emitting a warm yellow light, showcasing its wash effect.

4.2 Side and Back View

Side:



Back :



A side view of the SHEHDS 18x18W LED light bar, showing its mounting brackets, and a separate image of the back panel with control interface and DMX/power connections.

4.3 Key Features

- RGBWA+UV 6-in-1 LEDs:** Features 18 LEDs, each capable of producing Red, Green, Blue, White, Amber, and Ultraviolet light, allowing for a wide spectrum of colors and mixed hues.
- High Brightness Output:** Equipped with efficient optical lenses to maximize brightness and create distinct, vibrant stage effects.
- Multiple Control Modes:** Supports DMX512, Auto Run, Sound-activated, Strobe, Stand Alone, and Master/Slave operation for flexible control.
- Durable Construction:** Built with a high-temperature resistant plastic shell and an integrated cooling fan for efficient heat dissipation, ensuring a long operational lifespan of over 60,000 hours for the LEDs.

5. SETUP

- Unpacking:** Carefully remove the light bar and all accessories from the packaging. Inspect for any signs of damage during transit.
- Mounting:** Attach the provided mounting brackets to the light bar using the included screws. Securely mount

the light bar to a truss, wall, or stand using appropriate clamps or fasteners (not included). Ensure the mounting surface can support the weight of the fixture.

3. **Power Connection:** Connect the power cable to the power input on the back of the light bar. Plug the other end into a grounded 120V AC power outlet.
4. **DMX Connection (Optional):** If using DMX control, connect a DMX cable from your DMX controller's output to the DMX IN port on the light bar. For multiple units, daisy-chain DMX cables from the DMX OUT of the first unit to the DMX IN of the next.

6. OPERATING INSTRUCTIONS

6.1 Control Panel

The light bar features a digital display and control buttons on the back for mode selection and parameter adjustment. Refer to the back panel image in Section 4.2 for button layout.

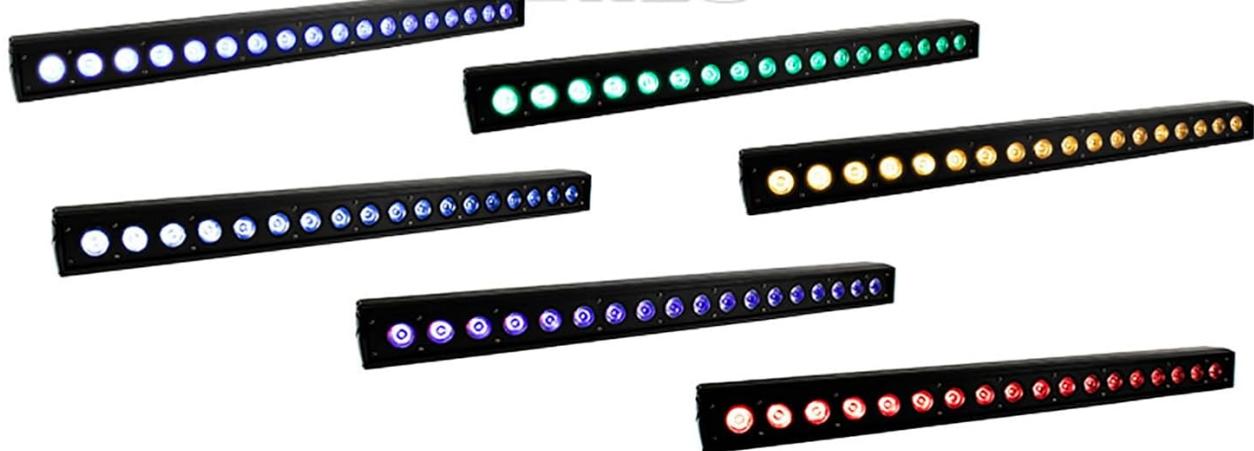
6.2 Operating Modes

The SHEHDS 18x18W LED Light Bar supports several operating modes:

- **DMX512 Control:** Allows for precise control over color, intensity, and effects using an external DMX controller. Set the DMX address via the control panel.
- **Auto Run Mode:** The light bar cycles through pre-programmed light shows automatically.
- **Sound-Activated Mode:** The light bar reacts to ambient sound, changing colors and patterns in sync with music or audio.
- **Strobe Mode:** Produces a flashing light effect at adjustable speeds.
- **Stand Alone Mode:** Operates independently using built-in programs without external control.
- **Master/Slave Mode:** Connect multiple units where one unit acts as the master, controlling all connected slave units to synchronize effects.

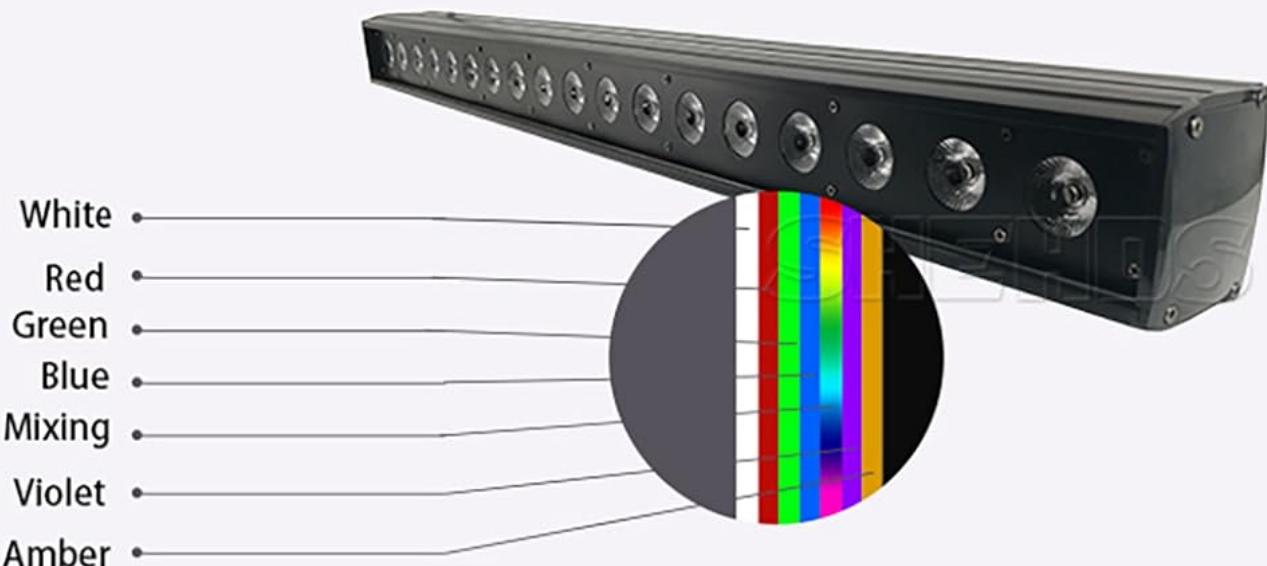
Dazzling Lighting Effect

SHEHDS



A collage of images demonstrating various color outputs and lighting effects achievable with the SHEHDS 18x18W LED light bar, including solid colors and mixed hues.

RGBWA+UV 6in1 Color



A diagram illustrating the RGBWA+UV 6-in-1 color mixing capabilities of the SHEHDS LED light bar, showing how different colors combine.

7. MAINTENANCE

- Cleaning:** Regularly clean the lens and exterior casing with a soft, lint-free cloth. Do not use abrasive cleaners or solvents. Ensure the device is powered off and unplugged before cleaning.
- Inspection:** Periodically check power and DMX cables for damage. Ensure all mounting hardware is secure.
- Storage:** When not in use, store the light bar in a dry, dust-free environment, preferably in its original packaging or a protective case.

8. TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

| Problem | Possible Cause | Solution |
|---|--|--|
| No power | Power cable disconnected, faulty outlet, unit fuse blown. | Check power cable connection. Test outlet with another device. Consult qualified technician for fuse replacement. |
| No DMX control | Incorrect DMX address, faulty DMX cable, DMX controller issue, incorrect DMX mode. | Verify DMX address setting. Check DMX cable integrity. Ensure DMX controller is functioning. Select correct DMX channel mode on the light bar. |
| Light output inconsistent or flickering | Loose power connection, DMX signal interference, internal fault. | Secure power connection. Check DMX cabling and termination. If problem persists, contact customer support. |

| Problem | Possible Cause | Solution |
|------------------|---|--|
| Unit overheating | Blocked ventilation, prolonged use in high ambient temperature. | Ensure ventilation openings are clear. Operate in a well-ventilated area. Allow unit to cool down. |

9. SPECIFICATIONS

| Feature | Detail |
|------------------------|--|
| Model | 18x18W LED Light Bar |
| Light Source | 18 x 18W RGBWA+UV 6-in-1 LEDs |
| Total Wattage | 324W (18 LEDs x 18W each) |
| Color Mixing | RGBWA+UV (Red, Green, Blue, White, Amber, Ultraviolet) |
| Control Modes | DMX512, Auto Run, Sound-Activated, Strobe, Stand Alone, Master/Slave |
| Voltage | 120 Volts (AC) |
| Material | Aluminum (Powder Coated Finish) |
| Dimensions (L x W x H) | 38.58" x 3.46" x 3.22" (98cm x 8.8cm x 8.2cm) |
| Item Weight | 12.77 pounds (4.2 kg) |
| Mounting Type | Wall Mount (with included brackets) |
| LED Lifespan | 60,000+ hours |

10. WARRANTY AND SUPPORT

SHEHDS provides the following coverage for this product:

- 1-Year Warranty:** Covers manufacturing defects and malfunctions under normal use for one year from the date of purchase.
- 1-Month Replacement:** Eligible for a free replacement within one month of purchase if the product exhibits significant defects.
- Customer Service:** For technical assistance, warranty claims, or any inquiries, please contact SHEHDS customer service. Refer to your purchase documentation or the SHEHDS official website for contact details.

