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SHEHDS SHE-ZAP1818F

SHEHDS Zoom Par Light LED 18x18W Instruction Manual

Model: SHE-ZAP1818F | Brand: SHEHDS

1. INTRODUCTION

This manual provides detailed instructions for the safe operation, setup, and maintenance of your SHEHDS Zoom Par Light LED 18x18W. This professional stage lighting fixture features 18x18W RGBWAP 6-in-1 LEDs, offering a wide range of colors and a zoom function from 14 to 45 degrees. It supports DMX512 control, RDM function, sound activation, and various automatic modes, making it suitable for diverse lighting applications.



18X18W RGBWA+UV

RED, GREEN, BLUE, WHITE, AMBER, ULTRAVIOLET
AND MIXED COLORS

Image: SHEHDS LED Zoom Par Light illuminating a stage with various colors.

2. SAFETY INSTRUCTIONS

- Always connect the fixture to a grounded circuit to avoid the risk of electrocution.

- Ensure the power voltage matches the specified voltage (AC90-240V, 50/60Hz) before operation.
- 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, as it can cause eye damage.
- Install the fixture in a well-ventilated area, away from heat sources, and ensure proper clearance for cooling.
- Securely mount the fixture using appropriate clamps and safety cables to prevent accidental falls.
- Disconnect power before cleaning or performing any maintenance.

3. PRODUCT OVERVIEW

3.1 Features

- **Light Source:** 18x18W RGBWAP 6-in-1 LEDs (Red, Green, Blue, White, Amber, Purple).
- **Zoom Function:** Adjustable beam angle from 14 to 45 degrees.
- **Control Modes:** DMX512, Auto-run, Sound Activated, Master/Slave, RDM.
- **Dimming:** Smooth electronic dimming (0-100%).
- **Strobe:** Variable strobe effects.
- **Display:** Digital LED display for mode and address settings.
- **Housing:** Durable metal construction with a brushed finish.

3.2 Components

Familiarize yourself with the main components of the SHEHDS Zoom Par Light:



Image: Front view of the SHEHDS Zoom Par Light, highlighting the LED array and adjustable bracket.

1. **LED Array:** 18 high-power RGBWAP LEDs.
2. **Lens:** Optical lenses for beam shaping and zoom functionality.
3. **Mounting Bracket:** Adjustable bracket for floor standing or truss mounting.
4. **Control Panel:** Digital display and buttons (MENU, UP, DOWN, ENTER) for settings.
5. **DMX IN/OUT:** 3-pin XLR connectors for DMX signal.
6. **Power IN/OUT:** PowerCon compatible connectors for power daisy-chaining.
7. **Cooling Fan:** Integrated fan for thermal management.



Image: Detailed view of the rear control panel, showing the digital display, control buttons, DMX IN/OUT, and power connections.

4. SETUP

4.1 Mounting

The SHEHDS Zoom Par Light can be mounted in various positions:

- **Floor Standing:** Use the adjustable bracket to position the light on a flat, stable surface.
- **Truss Mounting:** Attach appropriate clamps (not included) to the mounting bracket and secure to a truss system. Always use a safety cable.
- **Wall Mounting:** Secure the bracket to a sturdy wall using appropriate hardware. Ensure the mounting surface can support the fixture's weight.

Ensure the fixture is securely fastened and that there is sufficient space around it for ventilation.

4.2 Power Connection

Connect the provided power cable to the Power IN port on the fixture and then to a suitable power outlet (AC90-240V, 50/60Hz). Multiple units can be daisy-chained using the Power OUT port, but ensure the total current draw does not exceed the circuit's capacity.

4.3 DMX Connection

For DMX control, connect a DMX cable from your DMX controller's output to the DMX IN port of the first fixture. For multiple fixtures, daisy-chain them by connecting the DMX OUT of the first fixture to the DMX IN of the next, and so on. Terminate the last fixture in the chain with a DMX terminator (not included) for optimal signal integrity.

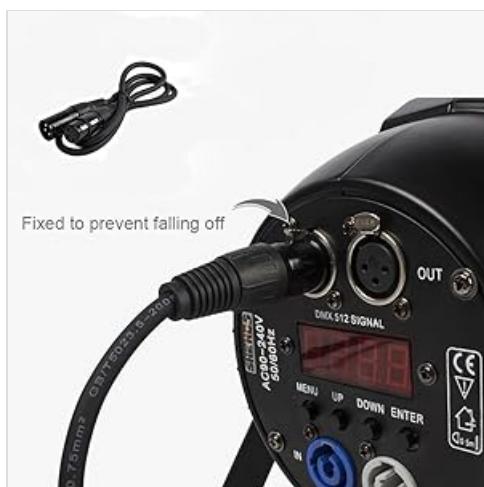


Image: A DMX cable connected to the DMX IN port, showing the secure locking mechanism.



Image: Diagram illustrating the connection of the par light to a DMX controller.

5. OPERATING MODES

The SHEHDS Zoom Par Light offers several operating modes, selectable via the control panel display.

5.1 Control Panel Navigation

Use the following buttons to navigate the menu and adjust settings:

- **MENU:** Cycles through main menu options.
- **UP:** Increases values or moves up in menu.
- **DOWN:** Decreases values or moves down in menu.
- **ENTER:** Confirms selection or enters a submenu.

5.2 DMX Mode

To operate the fixture with a DMX controller:

1. Press **MENU** until "Addr" (Address) appears on the display.
2. Use **UP/DOWN** to set the desired DMX start address (1-512).
3. Press **ENTER** to confirm.
4. Ensure your DMX controller is sending signals to the set address.

The fixture supports RDM (Remote Device Management), allowing DMX addresses and other settings to be configured remotely via a compatible DMX controller.

5.3 Sound Activated Mode

For dynamic lighting synchronized with music:

1. Press **MENU** until "Soun" (Sound) appears.
2. Press **ENTER** to activate. The light will react to ambient sound.
3. Some models may offer sensitivity adjustment via the UP/DOWN buttons.

5.4 Auto-run Mode

To run pre-programmed light shows:

1. Press **MENU** until "Auto" appears.
2. Use **UP/DOWN** to select a specific auto program (e.g., A1, A2, A3).

3. Press **ENTER** to start the selected program.

5.5 Master/Slave Mode

To synchronize multiple fixtures without a DMX controller:

1. Connect all fixtures via DMX cables (DMX OUT to DMX IN).
2. Set the first fixture (Master) to an Auto-run or Sound Activated mode.
3. Set all subsequent fixtures (Slaves) to "SLAV" (Slave) mode via their control panels.
4. The slave units will now mimic the master unit's behavior.

6. DMX CONTROL CHANNELS

The SHEHDS Zoom Par Light typically uses a multi-channel DMX profile. Below is a common channel assignment. Refer to the specific DMX chart provided with your unit for exact details, as channel functions can vary.

Channel	Function	Value Range	Description
1	Master Dimmer	0-255	Overall intensity (0% to 100%)
2	Red Intensity	0-255	Red LED intensity (0% to 100%)
3	Green Intensity	0-255	Green LED intensity (0% to 100%)
4	Blue Intensity	0-255	Blue LED intensity (0% to 100%)
5	White Intensity	0-255	White LED intensity (0% to 100%)
6	Amber Intensity	0-255	Amber LED intensity (0% to 100%)
7	Purple (UV) Intensity	0-255	Purple/UV LED intensity (0% to 100%)
8	Strobe	0-255	0=No Strobe, 1-255=Strobe Speed (slow to fast)
9	Color Macro / Auto Programs	0-255	Pre-set colors or auto-run programs
10	Zoom	0-255	Adjusts beam angle (14 to 45 degrees)

Note: This is a generic DMX channel assignment. Always refer to the specific DMX chart provided with your product for accurate channel functions and values.

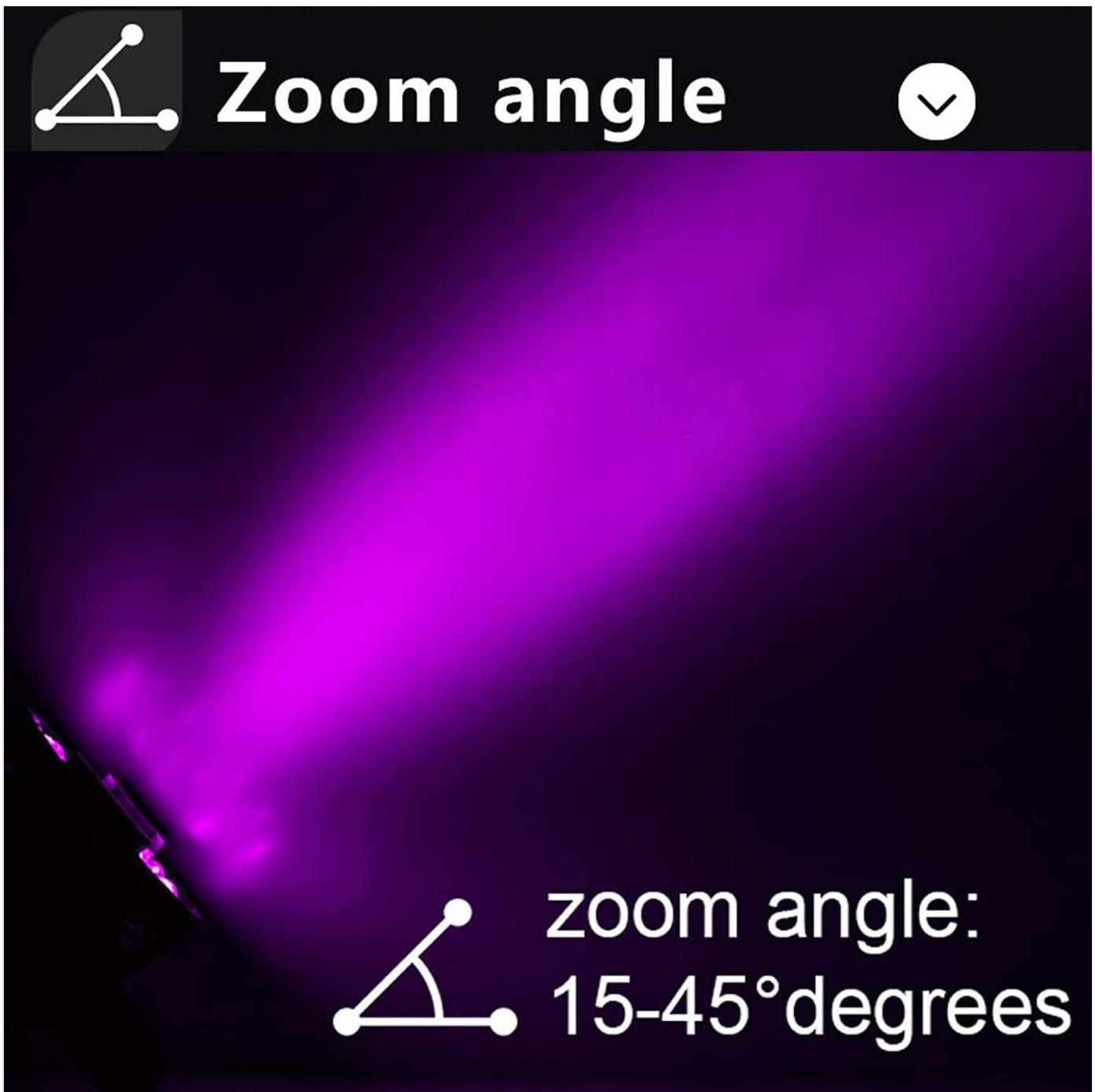


Image: Visual representation of the adjustable zoom angle feature, showing a purple light beam expanding.

7. MAINTENANCE

- **Cleaning:** Regularly clean the lenses and exterior housing with a soft, lint-free cloth. Do not use abrasive cleaners or solvents.
- **Fan and Vents:** Ensure cooling fan and ventilation openings are free from dust and debris to prevent overheating. Use compressed air if necessary.
- **Cable Inspection:** Periodically check power and DMX cables for any damage or wear. Replace damaged cables immediately.
- **Storage:** When not in use, store the fixture in a dry, dust-free environment, preferably in its original packaging or a protective case.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power / Light not turning on	No power from outlet; faulty power cable; internal fuse blown.	Check power outlet and cable. Try a different outlet. If problem persists, contact support.
No DMX control	Incorrect DMX address; faulty DMX cable; no DMX terminator; DMX controller issue.	Verify DMX address. Check DMX cables. Ensure DMX terminator is used on the last fixture. Test with a different DMX controller.
Light flickers or behaves erratically	Poor DMX signal; power fluctuations; overheating.	Check DMX connections and termination. Ensure stable power supply. Verify adequate ventilation.
Zoom function not working	Incorrect DMX channel value; internal mechanism issue.	Check DMX channel for zoom. If in auto mode, try different programs. If problem persists, contact support.

9. SPECIFICATIONS

Feature	Detail
Model Number	SHE-ZAP1818F
Light Source	18 x 18W RGBWAP 6-in-1 LEDs
Beam Angle	14 - 45 Degrees (Zoom)
Power Source	Corded Electric
Input Voltage	AC90-240V, 50/60Hz
Maximum Wattage	18 Watts (per LED, total 324W)
Control Modes	DMX512, Auto, Sound Activated, Master/Slave, RDM
Material	Metal (Brushed Metal Finish)
Unit Dimensions (Approx.)	34cm (Width) x 28cm (Height) x 23cm (Depth)
Item Weight	10.19 pounds (approx. 4.62 kg)
Mounting Type	Wall Mount (also suitable for floor/truss)
Bulb Features	Color changing, Sound activated
UPC	784117302263

Size and Weight



Image: Product dimensions and weight illustration.

10. WARRANTY AND SUPPORT

SHEHDS is committed to providing quality products and customer satisfaction.

- Customer Service:** Instant customer service is available for any inquiries or assistance.
- Replacement Policy:** The product is eligible for a 1-month replacement from the date of purchase for manufacturing defects.
- Warranty:** A 1-year warranty covers defects in materials and workmanship.

For support, please refer to the contact information provided with your purchase or visit the official SHEHDS store page.



11. PRODUCT VIDEO

Watch this video for a demonstration of the SHEHDS Zoom Par Light's features and operation.

Your browser does not support the video tag.

Video: Demonstration of the SHEHDS Zoom Par Light in action, showcasing its color mixing and zoom capabilities.

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For further assistance, please visit [SHEHDS Store](#).
