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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.



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

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### 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.

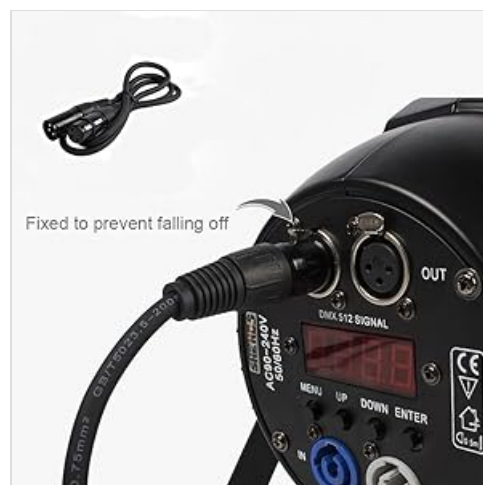


Image: A DMX cable connected to the DMX IN port, showing the secure locking mechanism.



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

## 5. OPERATING MODES

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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.*





# Zoom angle



zoom angle:  
15-45°degrees

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

## 7. MAINTENANCE

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- **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

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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



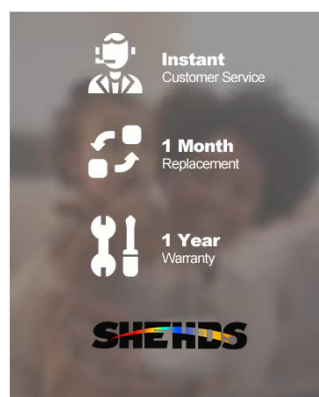
Image: Product dimensions and weight illustration.

## 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

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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](#).