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## XFALIGHTS MHL-100W-2 Sided

# XFALIGHTS 100W LED Moving Head DJ Lights User Manual

Model: MHL-100W-2 Sided

## PRODUCT OVERVIEW

The XFALIGHTS 100W LED Moving Head DJ Light is an innovative dual-sided stage lighting fixture designed for dynamic visual effects. It features both beam and wash effects, offering versatile lighting options for various events and venues. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance and longevity of your device.



Figure 1: Front and back view of the XFALIGHTS 100W LED Moving Head DJ Light, showcasing its dual-sided design with beam and wash effects.

## WHAT'S IN THE BOX

Upon opening the package, please verify that all the following components are included:

- Moving head light (1 unit)
- Mounting bracket (1 unit)
- Power cord (1 unit)
- Screw (2 units)
- User manual (1 unit)



Figure 2: All included accessories: the moving head light, mounting bracket, power cord, screws, and user manual.

## SETUP INSTRUCTIONS

Follow these steps to set up your XFALIGHTS DJ light:

1. **Unpacking:** Carefully remove the light fixture and all accessories from the packaging. Inspect for any signs of

damage during transit.

2. **Placement:** Choose a stable and secure location for the light. Ensure there is sufficient clearance around the fixture for ventilation and movement. The light can be placed on the ground or mounted.
3. **Mounting (Optional):** If mounting, use the provided mounting bracket and screws. Ensure the mounting surface or truss is capable of safely supporting the weight of the fixture. The light can be mounted upside down or sideways.
4. **Power Connection:** Connect the power cord to the "POWER IN" port on the rear of the fixture. Plug the other end into a compatible power outlet (120 Volts).
5. **DMX Connection (Optional):** For DMX control, connect a DMX cable from your DMX controller to the "DMX IN" port on the fixture. If linking multiple fixtures, connect from "DMX OUT" of the first fixture to "DMX IN" of the next.



Figure 3: Rear panel with DMX In/Out, Power In, and Cooling Fan. The control panel features MENU, DOWN, UP, and ENTER buttons.

## OPERATING INSTRUCTIONS

The XFALIGHTS DJ light offers multiple control modes for versatile operation.

## Control Modes:

- **Auto Mode:** The fixture runs through pre-programmed light sequences automatically.
- **Sound Mode:** The light reacts to sound and music, changing patterns and colors based on audio input detected by the built-in microphone.
- **DMX Mode:** Allows for professional control over all functions (color, movement, dimming, etc.) using a DMX512 controller. This light supports 12 DMX channels.
- **Master/Slave Mode:** Link multiple fixtures together. One fixture acts as the master, controlling all other slave fixtures to synchronize effects.

## Key Features:

- **Dual-Sided Design:** Features one 15W LED for beam effects on the front and four 12W LEDs for wash effects on the back.
- **Color Mixing:** RGBW 4-in-1 LEDs allow for 16.7 million color changes.
- **Movement:** 540° X-axis (Pan) and 360° Y-axis (Tilt) rotational movement for dynamic positioning.
- **Beam/Wash Angles:** Wash angle of 40° and beam angle of 8°.
- **Dimming:** 0-100% linear dimming for precise brightness control.
- **Strobe:** Each color flashes up to 20 times per second.

# WASH EFFECT

4 pcs 12W RGBW  
Lamp Beads

# BEAM EFFECT

1 pcs 15W RGBW  
Lamp Bead



Figure 4: Illustration of the distinct Wash Effect (four LEDs) and Beam Effect (single LED) capabilities.



Figure 5: The light's extensive pan (540°) and tilt (360°) movement range, along with its compact dimensions (17cm base width, 25cm head width, 15cm height).



Figure 6: Examples of the vibrant built-in color macros and light patterns achievable with the RGBW LEDs.



Figure 7: Visual representation of the wide 40-degree wash angle and the focused 8-degree beam angle.

## MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your light fixture.

- **Cleaning:** Periodically clean the lenses and exterior casing with a soft, lint-free cloth. Do not use abrasive cleaners or solvents.
- **Ventilation:** Ensure the cooling fan and ventilation openings are free from dust and debris. Blocked vents can lead to overheating.
- **Storage:** When not in use for extended periods, store the fixture in its original packaging or a protective case in a dry, dust-free environment.
- **Inspection:** Regularly check power cables and DMX cables for any signs of wear or damage. Replace immediately if necessary.

## TROUBLESHOOTING

If you encounter issues with your XFALIGHTS DJ light, refer to the following common problems and solutions:

| Problem                                  | Possible Cause  | Solution  |
|--|---|---|
| Light does not power on.                 | No power supply; faulty cable.                                    | Check power cord connection; try a different outlet; test with another power cord.                                |
| No light output.                         | Dimmer at 0%; DMX signal issue; internal fault.                   | Increase dimmer setting; check DMX connections and controller settings; contact support if issue persists.        |
| Fixture not responding to DMX.           | Incorrect DMX address; faulty DMX cable; DMX termination missing. | Verify DMX address matches controller; replace DMX cable; add a DMX terminator to the last fixture in the chain.  |
| Unusual noise (e.g., clicking, humming). | Motor or fan issue; loose internal component.                     | Ensure proper mounting and stability; if noise persists or is loud, discontinue use and contact customer support. |

## SPECIFICATIONS

| Feature                 | Detail                          |
|-------------------------|---------------------------------|
| Brand                   | XFALIGHTS                       |
| Model Number            | MHL-100W-2 Sided                |
| Light Source Type       | Light Emitting Diode (LED)      |
| Total Wattage           | 100 Watts                       |
| Number of Light Sources | 5 (1x 15W Beam, 4x 12W Wash)    |
| Color Temperature       | 8000 Kelvin                     |
| Voltage                 | 120 Volts                       |
| Material                | Plastic                         |
| Product Dimensions      | 6"L x 10"W x 7"H                |
| Item Weight             | 6.16 pounds                     |
| Beam Angle              | 8 Degrees                       |
| Wash Angle              | 40 Degrees                      |
| Control Modes           | Auto, Sound, DMX, Master/Slave  |
| DMX Channels            | 12                              |
| Mounting Type           | Ceiling Mount, Ground Placement |

## WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact XFALIGHTS customer service through the retailer where the product was purchased. Please retain your proof of purchase for warranty claims.

For additional resources and product information, visit the official XFALIGHTS store on Amazon: [XFALIGHTS Store](#)



