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› DJXFLI 8-Eye LED Moving Head Light User Manual

## DJXFLI 8 eye

# DJXFLI 8-Eye LED Moving Head Light User Manual

Model: 8 eye

## IMPORTANT SAFETY INSTRUCTIONS

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Please read and understand all safety instructions before installing, operating, or maintaining this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Power Supply:** Connect the unit to a grounded power outlet with the correct voltage (AC110-240V, 50/60Hz).
- **Ventilation:** Ensure adequate ventilation around the unit to prevent overheating. Do not block ventilation openings.
- **Moisture:** Do not expose the unit to rain or moisture. Avoid using in damp or wet locations.
- **Installation:** Mount the unit securely using appropriate hardware. Ensure the mounting surface can support the weight of the fixture.
- **Eye Safety:** Avoid direct eye exposure to the light source. The intense light can cause eye damage.
- **Maintenance:** Disconnect from power before cleaning or servicing. Refer all servicing to qualified personnel.
- **Temperature:** Do not operate the unit in extremely high or low temperatures.

## PRODUCT OVERVIEW

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The DJXFLI 8-Eye LED Moving Head Light is a versatile stage lighting fixture designed for various events. It features eight powerful RGBW 4-in-1 LED light beads, offering a wide range of color mixing and dynamic beam effects.

# PRODUCT SPECIFICATION



- Total power: 120W
- Input voltage: AC110-240V 50/60Hz
- Tilt: 180°
- DMX channels: 9/38 Channels mode
- Lens angle: 8 degrees
- Strobe: 10 Flashes per second (any color)
- Light source: 8x12W RGBW 4-IN-1 LED
- Control modes: Auto, DMX512, Master/Slave, Sound active
- Operation panel: LCD display

Figure 1: Front view of the DJXFLI 8-Eye LED Moving Head Light.

## Key Features:

- **Light Source:** 8x12W RGBW 4-in-1 LEDs (Red, Green, Blue, White).
- **Beam Angle:** 8 degrees, providing focused and intense beams.
- **Movement:** 180° Tilt rotation for dynamic light positioning.
- **Strobe:** Up to 10 flashes per second (any color).
- **Dimmer:** 0-100% with regulated constant color control.
- **Control Modes:** Auto, DMX512, Master/Slave, Sound Active.
- **DMX Channels:** 9 or 38 channels selectable.

## Components:

The package includes the following items:

- 1 x DJXFLI 8-Eye LED Moving Head Light
- 1 x Power Cable
- 1 x DMX Cable
- 1 x User Manual (this document)

- 2 x Omega Brackets (for mounting)

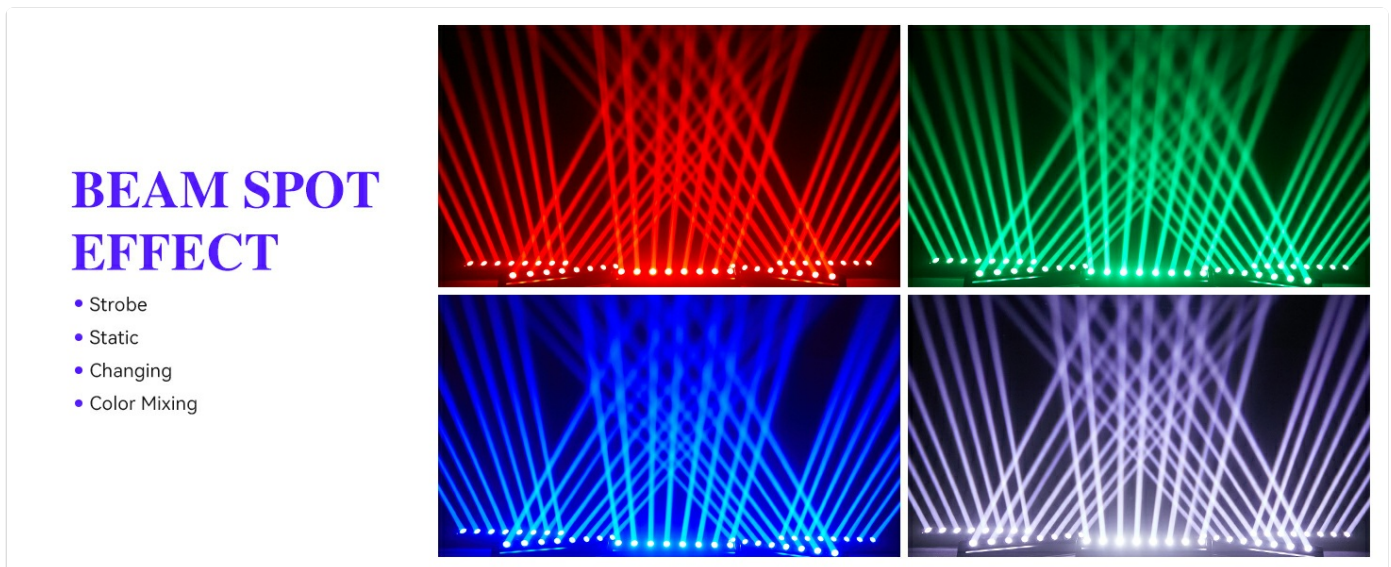


Figure 2: Detailed view of the light's rear panel and control interface.

## SETUP

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### Mounting:

The fixture can be mounted on a flat surface or suspended using the included Omega brackets. Ensure the mounting location is stable and can safely support the fixture's weight (approximately 16.37 lbs).

1. Attach the Omega brackets to the bottom of the fixture using the provided screws.
2. Securely fasten the brackets to a truss or other suitable mounting structure.
3. Always use a safety cable (not included) as a secondary attachment for overhead installations.

### Power Connection:

Connect the provided power cable to the "POWER IN" port on the rear of the fixture and then to a compatible AC110-240V, 50/60Hz power outlet. The fixture has a "POWER OUT" port for daisy-chaining power to other compatible units.

### DMX Connection (Optional):

For DMX control, connect a DMX controller to the "DMX IN" port using the provided DMX cable. If connecting multiple fixtures, link them in a daisy-chain configuration from "DMX OUT" of the first fixture to "DMX IN" of the next. Terminate the last fixture in the chain with a DMX terminator (not included) for optimal signal integrity.

## OPERATION

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The DJXFLI 8-Eye LED Moving Head Light offers four primary control modes, accessible via the LCD display and buttons on the rear panel.

# 4 CONTROL MODE



DMX



SOUND



AUTO



MASTER/SLAVE



*Figure 3: Visual representation of the four control modes.*

## **Control Panel:**

The control panel features an LCD display and four buttons: MENU, UP, DOWN, and ENTER. Use these buttons to navigate through the menu and select desired settings.



Figure 4: Product specification diagram including control panel details.

### 1. Auto Mode:

In Auto mode, the fixture runs through pre-programmed light shows automatically. This mode is ideal for quick setup without external control.

- Press the MENU button until "Auto" appears on the display.
- Use UP/DOWN to select different auto programs if available.
- Press ENTER to confirm the selection.

### 2. Sound Active Mode:

The fixture reacts to ambient sound or music, creating dynamic light patterns synchronized with the audio. A built-in microphone detects sound.

- Press the MENU button until "Sound" appears on the display.
- Use UP/DOWN to adjust sound sensitivity if available.
- Press ENTER to confirm.

### 3. Master/Slave Mode:

This mode allows multiple fixtures to operate in synchronization without a DMX controller. One fixture acts as the "Master" and controls all "Slave" fixtures.

- **Master Setup:** Select "Master" mode on one fixture via the menu.
- **Slave Setup:** On all other fixtures, select "Slave" mode.
- Connect the DMX OUT of the Master unit to the DMX IN of the first Slave unit, and continue daisy-chaining.

### 4. DMX512 Mode:

For advanced control, connect the fixture to a DMX512 controller. This allows precise control over each parameter (color, movement,

strobe, dimmer) using DMX channels.

- Set the DMX address for each fixture using the control panel. Ensure each fixture has a unique starting address.
- Select the desired DMX channel mode (9 or 38 channels) on the fixture.
- Refer to the DMX Channel Table in the Specifications section for detailed channel assignments.

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*Video 1: Demonstration of the DJXFLLI 8-Eye LED Moving Head Light's various beam and color effects. This video showcases the dynamic capabilities and different light patterns achievable with the fixture.*

## MAINTENANCE

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Regular maintenance ensures optimal performance and extends the lifespan of your DJXFLLI 8-Eye LED Moving Head Light.

- **Cleaning:** Periodically clean the lenses and housing with a soft, lint-free cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly inspect power cables, DMX cables, and mounting hardware for any signs of damage or wear. Replace damaged components immediately.
- **Ventilation:** Ensure cooling fans and ventilation openings are free from dust and debris. Use compressed air to clear blockages if necessary.
- **Storage:** When not in use, store the fixture in a dry, dust-free environment.

## TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No power	Power cable disconnected, faulty outlet, blown fuse.	Check power connections. Test the outlet. Replace the fuse if blown (located near the power input).
No light output	Dimmer at 0%, incorrect mode, DMX signal issue.	Increase dimmer setting. Select Auto or Sound Active mode. Check DMX connections and address.
Fixture not responding to DMX	Incorrect DMX address, faulty DMX cable, DMX terminator missing.	Verify DMX address. Test DMX cable. Ensure DMX terminator is used on the last fixture.
Erratic movement or colors	Interference, DMX signal issues, internal fault.	Check DMX connections. Ensure proper grounding. If problem persists, contact support.

## SPECIFICATIONS

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Parameter	Value
Brand	DJXFLI
Model Number	8 eye
Light Source	8x12W RGBW 4-IN-1 LED
Total Power	120W (Maximum 150W)
Input Voltage	AC110-240V, 50/60Hz
Beam Angle	8 degrees
Tilt Rotation	180°
Strobe Rate	10 flashes per second (any color)
Dimmer	0-100% with regulated constant color control
Control Modes	Auto, DMX512, Master/Slave, Sound Active
DMX Channels	9/38 Channels
Operation Panel	LCD display with 4 buttons
Material	Aluminum, Plastic
Product Dimensions	5.85"L x 8.19"W x 42.9"H
Item Weight	16.37 pounds

### DMX Channel Table (38-Channel Mode Example):

Below is an example of DMX channel assignments for the 38-channel mode. Refer to the specific DMX chart provided with your product for exact details, as channel functions can vary.

Channel	Function	Value Range
CH1	Master Dimmer	0-255 (0-100% brightness)
CH2	Strobe Speed	0-255 (Slow to Fast)
CH3	Color Macro	0-255 (Pre-set colors/effects)
CH4	Tilt Movement	0-255 (0-180° tilt)
CH5	Tilt Speed	0-255 (Slow to Fast)
CH6-CH37	Individual LED Control (RGBW for each of 8 LEDs)	0-255 per color per LED
CH38	Internal Program Selection	0-255 (Selects various auto/sound programs)

## WARRANTY AND SUPPORT

For any questions regarding your DJXFLI 8-Eye LED Moving Head Light, please contact customer support. Refer to your purchase documentation for specific warranty terms and contact information.

**Customer Service Email:** [Refer to product packaging or seller information]

We aim to respond to inquiries within 24 hours.

