

DJCLUB LED 60W Moving Head With 3 Face Prism

DJCLUB LED Mini Moving Head Spot Light with 3-Face Prism (60W) User Manual

Model: LED 60W Moving Head With 3 Face Prism

1. INTRODUCTION

This manual provides detailed instructions for the safe operation, setup, and maintenance of your DJCLUB LED Mini Moving Head Spot Light with 3-Face Prism. Please read this manual thoroughly before use to ensure proper functionality and to prevent damage to the unit or injury to yourself.

2. SAFETY INFORMATION

- **Electrical Safety:** Always connect the unit to a grounded power outlet. Ensure the voltage matches the unit's requirements. Disconnect power before cleaning or servicing.
- **Heat:** The unit can become hot during operation. Maintain a minimum distance of 0.20m from flammable materials. Ensure adequate ventilation.
- **Eye Safety:** Do not look directly into the light source. The intense light can cause eye damage.
- **Installation:** Securely mount the unit using appropriate hardware. Ensure the mounting surface can support the weight of the fixture.
- **Moisture:** Do not expose the unit to rain or moisture. This can lead to electric shock or fire.
- **Servicing:** Refer all servicing to qualified personnel. Do not attempt to repair the unit yourself.

3. PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- LED 60W Moving Head Stage Lighting Unit
- DMX Cable
- User Manual (this document)
- Omega Bracket

- Power Cable

4. PRODUCT OVERVIEW

The DJCLUB LED Mini Moving Head Spot Light is a versatile lighting fixture designed for various events. It features a powerful 60W white LED engine, a color wheel with 7 colors plus white, a gobo wheel with 8 gobos, and a 3-face prism for dynamic effects.

4.1 Key Components



Figure 4.1: Front view of the DJCLUB LED Mini Moving Head Spot Light.



Figure 4.2: Rear view showing DMX IN/OUT, Power input, and cooling fan.

4.2 Color Wheel

The unit features a color wheel with 8 distinct colors plus white, allowing for a wide range of color mixing and half-color effects. The speed of color changes can be adjusted.

COLOR WHEEL



8 COLORS + HALF COLOR EFFECT

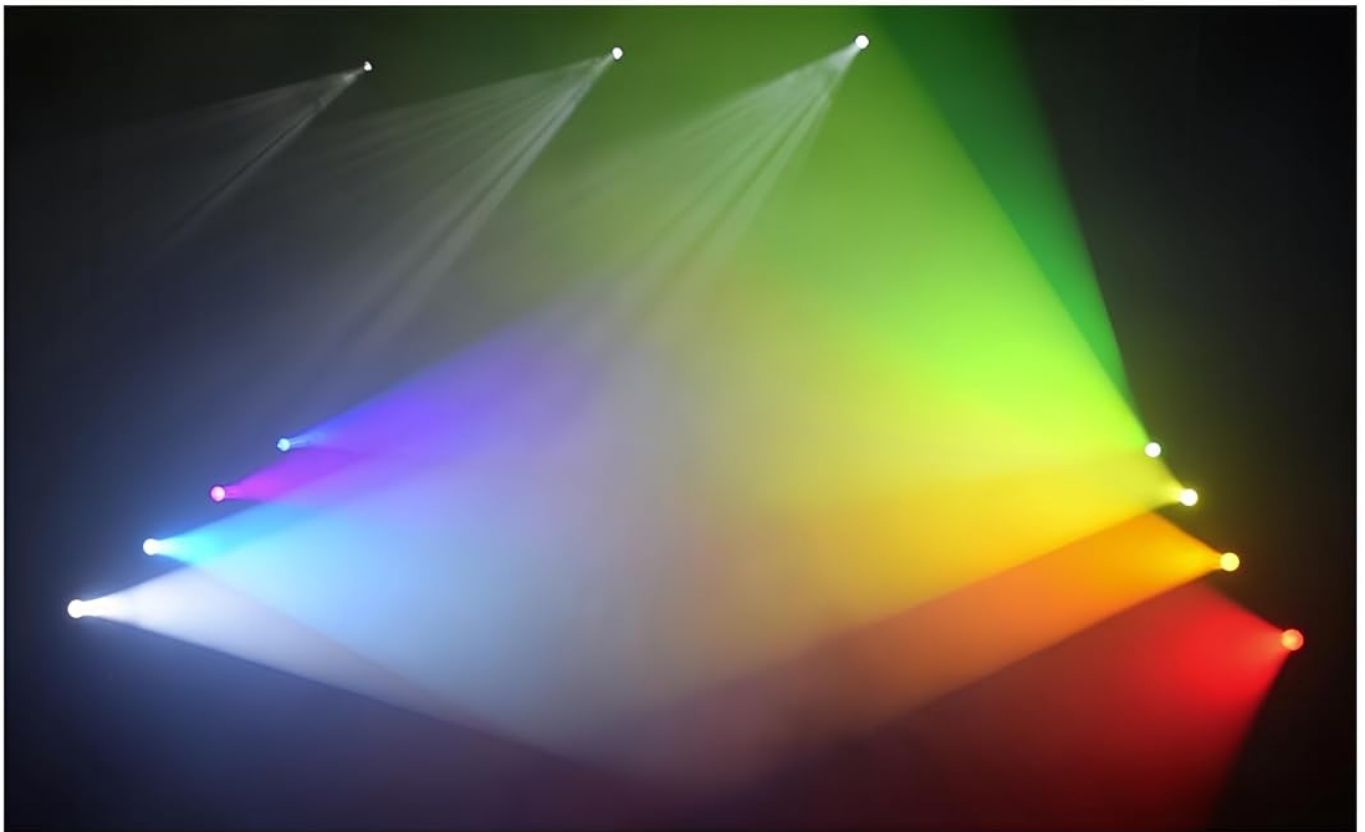
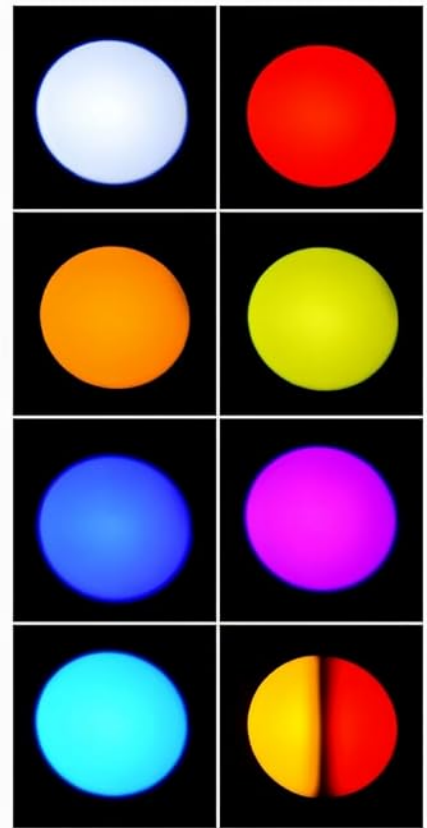
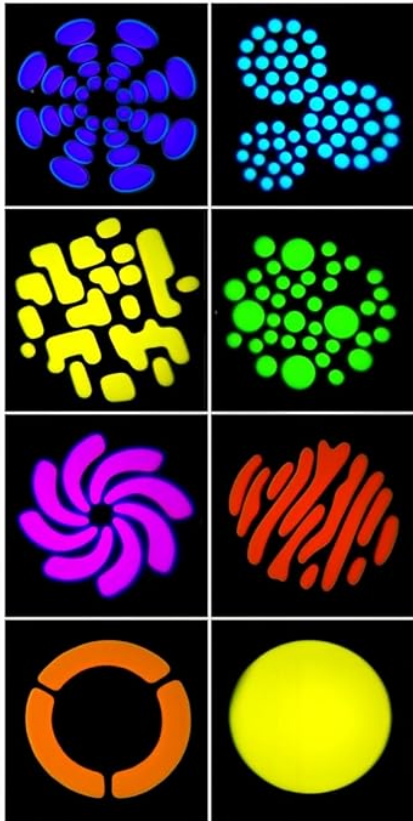


Figure 4.3: Illustration of the color wheel and its effects, including 8 colors and half-color options.

4.3 Gobo Wheel

An 8-gobo wheel provides various pattern projections. Gobo shaking and rotation features add dynamic movement to the projected patterns.

GOBO WHEEL



8 GOBOS + SHAKE+GOBO ROTATING SPEED



Figure 4.4: Illustration of the gobo wheel with 8 distinct patterns, including shake and rotation capabilities.

4.4 3-Face Prism

The integrated 3-face prism splits the light beam into multiple beams, creating a wider and more complex light show. It supports both forward and backward rotation.

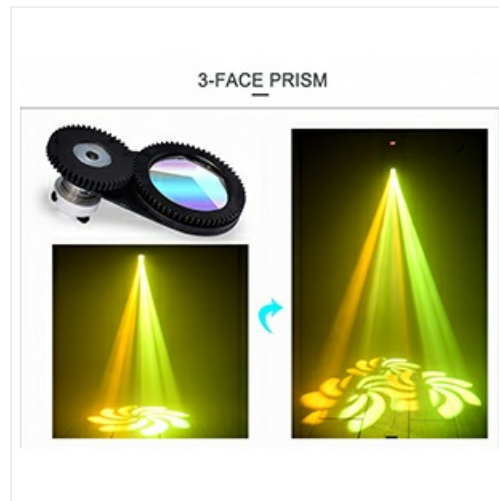


Figure 4.5: Close-up view of the 3-face prism component.



Figure 4.6: Example of the lighting effect produced by the 3-face prism.

4.5 Manual Focus

The light features a manual focus adjustment on the lens to sharpen or soften the beam and gobo projections.

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Video 4.1: This video demonstrates the manual focus adjustment on the DJCLUB LED Mini Moving Head Spot Light, showing how to sharpen the light beam.

5. SETUP INSTRUCTIONS

1. **Unpacking:** Carefully remove the unit from its packaging and inspect for any damage. Retain packaging for future transport.

- 2. **Mounting:** Use the provided Omega bracket to securely mount the fixture to a truss or other stable structure. Ensure all clamps and bolts are tightened. The unit can also be placed on a flat surface (floor mount).
- 3. **Power Connection:** Connect the power cable to the unit's power input and then to a suitable 110V AC grounded power outlet.
- 4. **DMX Connection (Optional):** If using DMX control, connect a DMX cable from your DMX controller's output to the unit's DMX IN port. For multiple units, daisy-chain them by connecting the DMX OUT of the first unit to the DMX IN of the next.
- 5. **Addressing:** Set the DMX address for each unit using the menu panel on the base of the fixture. Refer to the DMX Channel Chart in the Specifications section for channel assignments.

6. OPERATING MODES

The DJCLUB LED Mini Moving Head Spot Light offers several operating modes:

- **Automatic Operation Mode:** The fixture runs through pre-programmed light sequences without external control.
- **Sound Mode:** The light reacts to ambient sound via its built-in microphone, synchronizing effects with music.
- **DMX512 Mode:** Provides full control over all functions (pan, tilt, color, gobo, prism, strobe, dimmer) using a DMX controller.
- **Master-Slave Mode:** One unit acts as the master, controlling other linked units (slaves) to perform synchronized shows.
- **Strobe Mode:** Activates a flashing light effect.
- **Pattern Dithering:** A mode that introduces subtle variations to gobo patterns.

Use the menu panel buttons (MENU, UP, DOWN, ENTER) to navigate and select operating modes and settings.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your lighting fixture.

- **Cleaning:** Periodically clean the lens and exterior with a soft, lint-free cloth. Do not use abrasive cleaners.
- **Fan Cleaning:** Ensure the cooling fan is free from dust and debris to prevent overheating. Use compressed air if necessary.
- **Inspection:** Regularly check power and DMX cables for damage. Inspect mounting hardware for security.
- **Storage:** When not in use, store the fixture in its original packaging or a suitable case in a dry, dust-free environment.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable disconnected; no power from outlet; blown fuse.	Check power cable connection; test outlet; replace fuse (refer to safety guidelines).
No light output	Dimmer channel at 0%; light source failure; unit in blackout mode.	Check DMX dimmer channel; verify operating mode; contact support if light source is faulty.
No DMX control	Incorrect DMX address; faulty DMX cable; DMX controller issue.	Verify DMX address setting; check DMX cable connections; test with another DMX controller.

Problem	Possible Cause	Solution
Fixture not moving	Pan/Tilt channels at 0%; motor issue; unit in static mode.	Check DMX Pan/Tilt channels; verify operating mode; contact support.

9. SPECIFICATIONS

Feature	Detail
Brand	DJCLUB
Model Number	HONGYIDJG60SP01
Light Source Type	Light Emitting Diode (LED)
Light Source Wattage	60 Watts
Voltage	110 Volts (AC)
Amperage	2.5 Amps
Color Temperature	7800 Kelvin
Color Rendering Index (CRI)	90
Number of Light Sources	1
Special Features	Dimmable, 7 Colors + White, 8 Gobos + Shake + Rotation, 3-Face Prism
Mounting Type	Floor Mount
Material	Acrylonitrile Butadiene Styrene (ABS), Aluminum, Glass, Iron
Finish Type	Rubber paint
Item Weight	6.6 Pounds
Item Dimensions (L x W x H)	7.87"L x 5.91"W x 11.02"H
Specification Met	CE, RoHS

9.1 DMX Channel Chart (Example - typical 9/11 channel mode)

Note: Actual DMX channel assignments may vary. Refer to the display panel for specific DMX modes and values.

Channel	Function	Value Range	Description
1	Pan	0-255	0-540 degrees Pan movement
2	Tilt	0-255	0-180 degrees Tilt movement
3	Pan/Tilt Speed	0-255	Fast to Slow
4	Dimmer	0-255	0-100% Dimming
5	Strobe	0-255	Slow to Fast Strobe

Channel	Function	Value Range	Description
6	Color Wheel	0-255	Color selection and rotation
7	Gobo Wheel	0-255	Gobo selection and rotation
8	Prism	0-255	Prism ON/OFF, rotation speed and direction
9	Function/Reset	0-255	Various functions including reset

10. WARRANTY AND SUPPORT

This product comes with a **1-year warranty** from the manufacturer, Hong Yi. For warranty claims or technical support, please contact your retailer or the manufacturer directly. Keep your proof of purchase for warranty validation.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question