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› DJCLUB PRO480BSW 400W LED Moving Head Light Instruction Manual

## DJCLUB PRO480BSW

# DJCLUB PRO480BSW 400W LED Moving Head Light Instruction Manual

Model: PRO480BSW

## 1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your DJCLUB PRO480BSW 400W LED Moving Head Light. Please read it thoroughly before installation and use, and retain it for future reference.

### 1.1 Package Contents

Upon unpacking, verify that all items listed below are present and undamaged:

- Moving Head LED 400W BSW Unit
- Power Cable
- DMX Cable
- Instruction Manual (this document)
- Omega Bracket (for mounting)



Image 1.1: DJCLUB PRO480BSW 400W LED Moving Head Light (Side View)

## 2. SAFETY INFORMATION

Always observe the following safety precautions to prevent electric shock, fire, or personal injury:

- This device is for professional use only.
- Ensure proper grounding.
- Do not operate in wet or damp conditions.
- Avoid direct eye exposure to the light source.
- Disconnect power before servicing or cleaning.
- Ensure adequate ventilation around the unit.

## 3. SETUP

### 3.1 Mounting

The PRO480BSW can be floor-mounted or truss-mounted using the included Omega bracket. Ensure the mounting surface or truss system can safely support the weight of the fixture.

### 3.2 Connections

Connect the power cable to a compatible 110V-240V AC power source. For DMX control, connect a DMX cable from your DMX controller to the DMX IN port, and from DMX OUT to the next fixture in the chain.

# PRODUCT INTRODUCTION



Image 3.1: Rear view showing DMX IN/OUT, Power IN/OUT, and ON/OFF switch.

The unit features DMX IN, DMX OUT, Power IN, and Power OUT ports for daisy-chaining multiple fixtures. An ON/OFF switch and fuse holder are also located on the rear panel.

## 4. OPERATING INSTRUCTIONS

The PRO480BSW offers versatile control and effects for professional stage lighting.

## 4.1 Control Panel

The LCD touch screen provides a user-friendly interface for navigation and programming. Use the control buttons to adjust settings and select modes.



Image 4.1: Front view of the fixture, showing the lens and control panel.

## 4.2 DMX Control

The fixture operates with 25 DMX channels and is compatible with the international standard DMX512 protocol, allowing for precise and customizable control from an external DMX controller.

## 4.3 Key Features and Effects

- **Beam, Wash, Spot 3-in-1 Functionality:** This fixture combines three lighting effects into one unit, providing flexibility for various applications.
- **Light Output:** The 400W LED module delivers a powerful 120,000 ml output at 5 meters, suitable for large

venues.

- **Color Mixing:** Features a linear CMY + CTO color mixing system for seamless color transitions, alongside a vivid color wheel with 10 colors plus white.



## PROFESSIONAL DJ LIGHT 400W LED BSW

- |                                      |                                  |
|--------------------------------------|----------------------------------|
| • Rotate Gobo Wheel 8 Gobo           | • Metal Gobo Wheel 9 Gobo+White  |
| • Effect wheel 3 Effect Gobos        | • Color Wheel 11 Colors          |
| • Prism1 3-Prism / Prism2 8-Prism    | • Frost Angle The Largest Is 40° |
| • Linear CMY+CTO Color Mixing System | • 0-35 Degree Electronic Zoom    |

*Image 4.2: Overview of key features including Gobo wheels, Prisms, Color Wheel, Zoom, and Frost.*

- **Gobo Wheels:** Includes a rotating gobo wheel with 7 gobos (plus white) and a metallic gobo wheel with 8 gobos (plus white) for dynamic visual patterns.

# PRODUCT INTRODUCTION



Image 4.3: Detailed view of the rotating gobo wheel, metal gobo wheel, color wheel, 3-prism, and 8-prism components.

- **Zoom and Focus:** Electronic zoom adjustable from 0 to 35 degrees, and electronic dimming and focusing from 0% to 100% for precise control over light intensity and sharpness.
- **Frost Effect:** Adjustable from 0% to 100%, with a maximum frost angle of 40°, enabling soft washes and sharp beams.
- **Prism Effects:** Equipped with an 8-sided prism and a 16-sided prism to create complex and multifaceted lighting effects.

# PRISM PRESENT



Image 4.4: Examples of 3-Prism, 8-Prism, and Prismatic Overlap effects.

- **Strobe:** Shutter with a stroboscopic rate from 0.5 to 9 times per second, including random stroboscopic effects.
- **Pan/Tilt:** Smooth 540° pan and 270° tilt motion, powered by a sensitive and high-speed three-phase motor for precise X/Y movement.

# REAL SCENE EFFECT

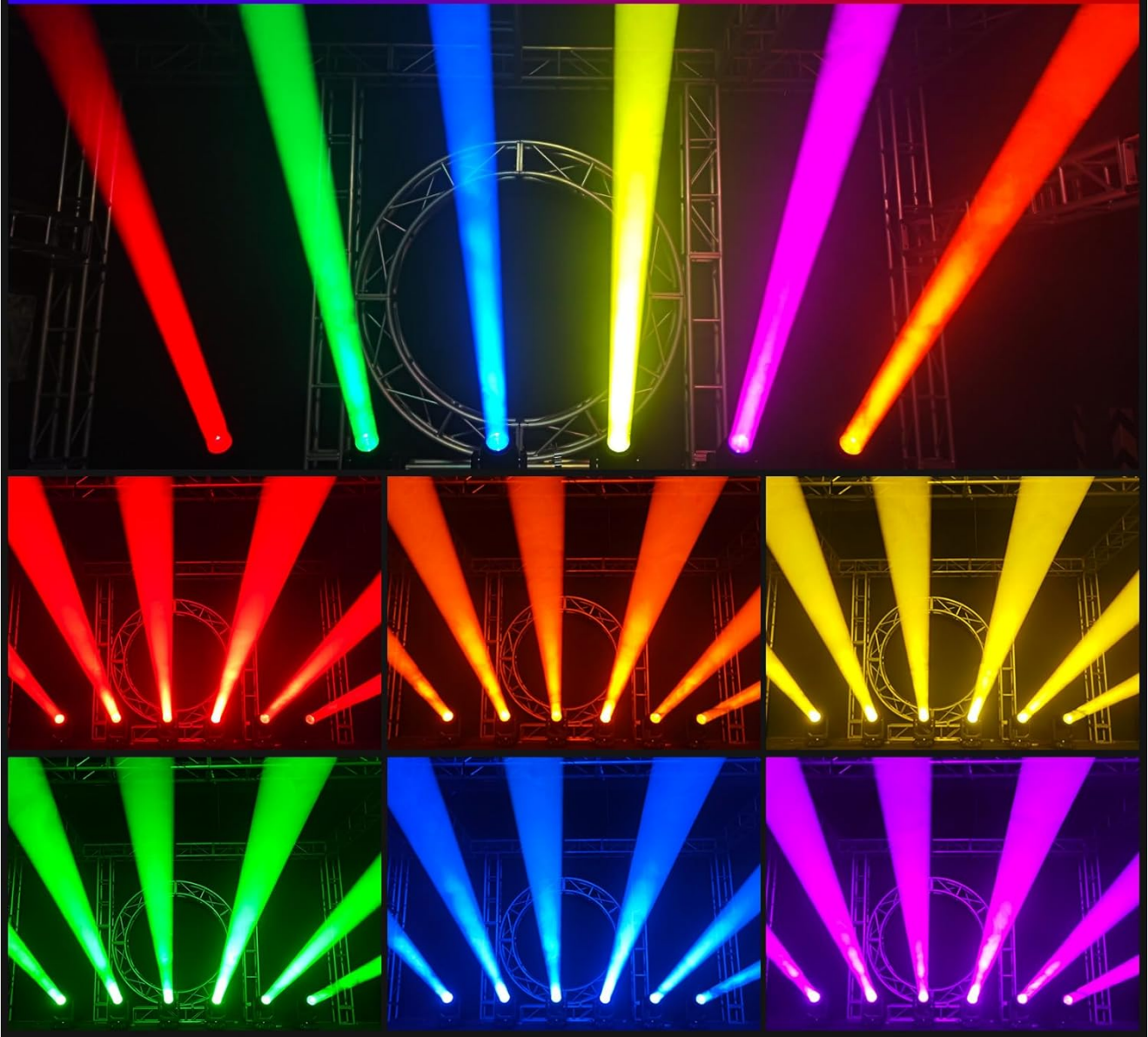


Image 4.5: Examples of various color and beam effects in a stage setting.

## 4.4 Official Product Videos

The following videos demonstrate the features and effects of the DJCLUB PRO480BSW 400W LED Moving Head Light:

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*Video 4.1: Demonstration of the Moving Head DJ Lights BSW 3In1 features, including strobe, color wheel, CMY/CTO mixing, gobo patterns, atomization, and prism effects.*

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*Video 4.2: Overview of the 400W BSW light, showcasing its physical design, lens, light source, focusing capabilities, CMY+CTO color matching system, and various pattern transformations and scene effects.*

## 5. MAINTENANCE

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

- **Cleaning:** Periodically clean the lenses and exterior surfaces with a soft, lint-free cloth. Do not use abrasive cleaners.

- **Inspection:** Regularly check all cables, connections, and mounting hardware for wear or damage.
- **Ventilation:** Ensure ventilation openings are clear of dust and debris to prevent overheating.

## 6. TROUBLESHOOTING

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

- **No Power:** Check the power cable connection, the ON/OFF switch, and the fuse. Replace the fuse if blown.
- **No DMX Control:** Verify DMX cable connections, DMX address settings on the fixture, and the DMX controller output.
- **Intermittent Operation:** Check for loose connections or power fluctuations.
- **Dim or Incorrect Light Output:** Ensure lenses are clean and check color/gobo wheel positions.

For persistent issues, contact DJCLUB customer support.

## 7. SPECIFICATIONS

Detailed technical specifications for the DJCLUB PRO480BSW 400W LED Moving Head Light:

Feature	Specification
Model Number	PRO480BSW
Light Source Type	Light Emitting Diode
Maximum Compatible Light Source Wattage	400 Watts
Brightness	Big Angle 30800 Lumen
Voltage	110-240 Volts (AC)
Amperage	15 Amps
Color Temperature	8500 Kelvin
Color Rendering Index (CRI)	92
Beam Angle	4 Degrees
Product Dimensions	13.77"L x 11.02"W x 27.55"H
Item Weight	55.1 Pounds
Material	Aluminum, Glass, Iron, Plastic
Finish Type	Rubber paint
Mounting Type	Floor Mount
Bulb Features	Dimmable
Specification Met	CE, RoHS

## 8. WARRANTY AND SUPPORT

DJCLUB offers a 30-day easy returns policy for this product. For additional protection, 4-Year Protection Plans and Complete Protect plans are available for purchase separately.

For customer support, technical assistance, or warranty claims, please refer to the contact information provided with your purchase or visit the official DJCLUB store online.

**Visit the DJCLUB Store**