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## Betopper CLB260-O

# Betopper 260W Moving Head DJ Light CLB260-O Instruction Manual

Model: CLB260-O

## 1. INTRODUCTION

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This manual provides essential information for the safe and effective operation of your Betopper 260W Moving Head DJ Light, model CLB260-O. Please read this manual thoroughly before installation, operation, or maintenance to ensure proper usage and to prevent damage or injury.



BETTOPPER

CLB260

DMX  
ERR

18CH 104°C LAMP ON  
001  
CLB260-0 32.8V

▲  
◀ OK ▶  
▼

WARNING  
MINIMUM DISTANCE  
OF INFLAMMABLE  
MATERIALS FROM  
THE SURFACE 0.5m  
THE EXTERNAL  
SURFACE 90°C  
T<sub>amb</sub> = 40°C  
V C-100E  
CE

*Image 1.1: Betopper 260W Moving Head DJ Light CLB260-O. This image displays the main unit of the moving head light, showcasing its compact design and control panel.*

## 2. SAFETY INFORMATION

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Adherence to the following safety guidelines is crucial for preventing electrical shock, fire, or personal injury.

### 2.1 General Safety

- Always read and understand all instructions before installing, operating, or servicing this product.
- This device is for professional use only. Keep out of reach of children.
- Do not operate the fixture if it has visible damage.
- Ensure adequate ventilation around the fixture to prevent overheating. Maintain a minimum distance of 0.5 meters from any flammable materials.
- Avoid direct eye exposure to the light source.

### 2.2 Electrical Safety

- Connect the fixture only to a grounded power outlet with the correct voltage (AC 100-240V, 50/60Hz).
- Always disconnect the power cable before cleaning, servicing, or moving the fixture.
- Do not handle the power cable with wet hands.
- If the power cable is damaged, it must be replaced by a qualified technician.

### 2.3 Installation Safety

- Ensure the mounting surface or structure can support the weight of the fixture.
- Always use a safety cable when mounting the fixture overhead to prevent accidental falling.
- Installation should be performed by qualified personnel.

## 3. PRODUCT OVERVIEW

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### 3.1 Key Features

- **Ultra-Bright Output:** Equipped with a potent 260W bulb, delivering 180,000 Lux at 10 meters.
- **Enhanced Light Engine:** Features an optimized light path and lens, providing 1.5X brighter output than typical 230W 7R engines.
- **Compact Design:** Measures 10.83"L x 7.84"W x 16.85"H and weighs 13.22 lbs, allowing for versatile placement.
- **Advanced Thermal Management:** Includes an innovative die-cast air nozzle, smart half-power mode, system-wide thermal resistor monitoring, professional overheat protector, and fan status monitoring for extended lifespan.
- **Comprehensive Effects:** Features an 8-facet prism, 13-color wheel with rainbow effect, 14-Gobo wheel, frost wheel, 0-100% dimming, gobo shaking, strobe, and clockwise/counter-clockwise rotation.

# Betopper 9R 260W

## Mini Beam Moving Head Light



Image 3.1: Key features of the Betopper 260W Moving Head DJ Light, highlighting the 11 fixed dichroic colors + white, 13 static gobos + open, and 8-facet prism.



*Image 3.2: Internal components and thermal management features, including the innovative die-cast air nozzle, smart half-power mode, triple-layer bulb safety system, and high-performance cooling fans.*

### **3.2 Components and Connections**



*Image 3.3: Front and back panel overview of the CLB260-O. The front panel includes the display screen and control buttons (Display, Down, Enter, OK, Up, DMX ERR indicator). The back panel features DMX IN/OUT, Power IN/OUT, and a fuse holder.*

### **3.3 What's in the Box**

Upon unpacking, verify that all components are present:

- Betopper 260W Moving Head DJ Light (CLB260-O)
- Power Cable
- DMX Cable
- Installation Clamp
- Safety Cable
- Instruction Manual



Image 3.4: Included accessories: Power input cable, safety rope, light hook plate, and the instruction manual.

## 4. SETUP

### 4.1 Mounting

The CLB260-O can be mounted in various orientations, including ceiling mount and floor mount. Always ensure the fixture is securely fastened using the provided installation clamp and a safety cable.

1. Attach the installation clamp to the designated mounting points on the fixture's base.
2. Secure the fixture to a truss or mounting surface using the clamp.
3. Attach the safety cable to the fixture and wrap it around the mounting structure, ensuring it can hold the fixture's weight independently.

### 4.2 Electrical Connection

1. Connect the power cable to the 'POWER IN' socket on the fixture's back panel.
2. Plug the other end of the power cable into a grounded power outlet (AC 100-240V, 50/60Hz).
3. If linking multiple units, use the 'POWER OUT' socket to connect to the 'POWER IN' of the next fixture.

### 4.3 DMX Connection (Optional)

For DMX control, connect a DMX cable from your DMX controller to the 'DMX IN' socket of the first fixture. For multiple fixtures, connect 'DMX OUT' of the first fixture to 'DMX IN' of the next, creating a daisy chain.

## 5. OPERATING INSTRUCTIONS

### 5.1 Control Panel

The control panel on the front of the fixture features a display screen and several buttons for navigation and setting adjustments:

- **DISPLAY:** Toggles through menu options.
- **DOWN:** Decreases values or navigates down in menus.
- **ENTER:** Confirms selections or enters sub-menus.
- **OK:** Confirms selections or exits sub-menus.
- **UP:** Increases values or navigates up in menus.

### 5.2 Operating Modes

The CLB260-O supports several operating modes:

- **Automatic Operation (Auto Mode):** The fixture runs through pre-programmed light shows.
- **Sound Control Mode:** The light reacts to ambient sound via a built-in microphone.
- **DMX Mode:** Allows external control via a DMX controller for precise manipulation of all features.
- **Master-Slave Mode:** One fixture acts as the master, controlling other linked slave fixtures.
- **Half-Power Mode:** An energy-saving mode that reduces light output and heat generation.

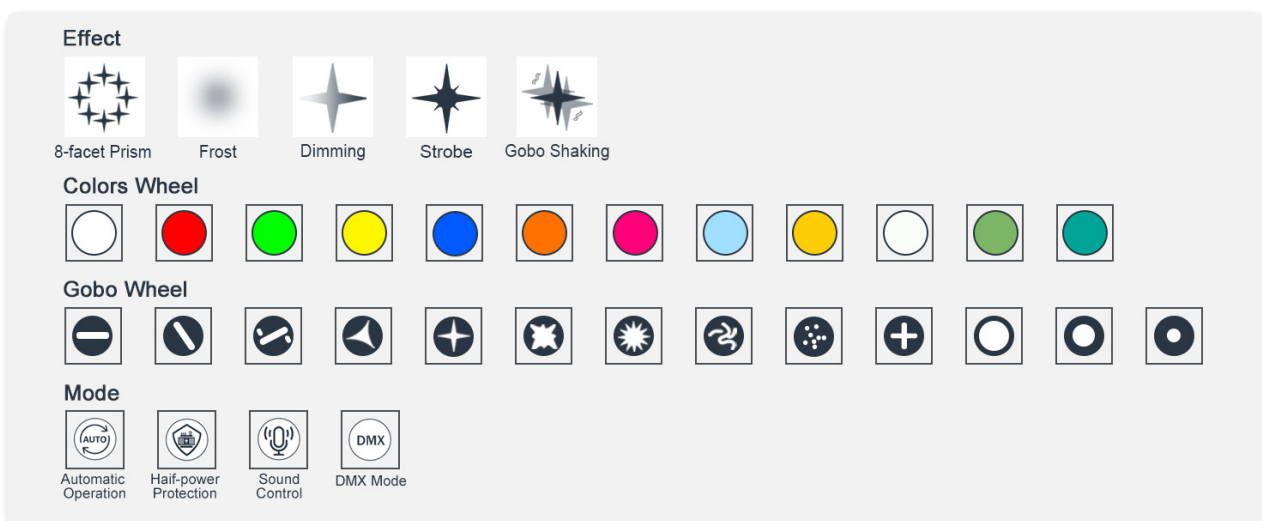


Image 5.1: Visual representation of available effects (8-facet prism, frost, dimming, strobe, gobo shaking), color wheel options, gobo wheel patterns, and operating modes (Automatic, Half-power, Sound Control, DMX Mode).

### 5.3 DMX Control

The fixture utilizes 12 DMX channels for comprehensive control. Refer to the DMX channel chart (typically found in a separate DMX manual or appendix) for specific channel functions, including:

- Pan/Tilt movement and speed
- Dimmer (0-100%)
- Strobe speed
- Color selection (13 colors + open, rainbow effect)
- Gobo selection (14 gobos + open, gobo shaking)
- Prism (8-facet, rotation)
- Frost effect



Image 5.2: Examples of various gobo patterns and light effects achievable with the CLB260-O.



Image 5.3: Demonstrates various color and beam effects, including wide washes, sharp beams, and prism effects.

## 6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your fixture.

### 6.1 Cleaning

- **Exterior:** Use a soft, lint-free cloth to wipe the housing. Do not use abrasive cleaners.
- **Optics:** Gently clean lenses and mirrors with a soft cloth and a specialized optical cleaning solution. Avoid scratching the surfaces.
- **Fans:** Periodically clean the cooling fans and air vents to prevent dust buildup, which can impede airflow and cause overheating.

### 6.2 Bulb Replacement

The CLB260-O uses a Halogen light source, which has a finite lifespan and requires replacement. Always disconnect power and allow the fixture to cool completely before attempting bulb replacement. Consult a

qualified technician for bulb replacement if you are unsure.

## 7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Fixture does not power on	No power supply; Damaged power cable; Blown fuse	Check power connection; Replace power cable; Replace fuse (refer to specifications for fuse type)
No light output	Bulb failure; Dimmer channel at 0%; DMX signal issue	Replace bulb; Check DMX dimmer channel; Verify DMX connection and address
Incorrect movement or effects	Incorrect DMX address; Wrong operating mode; DMX signal interference	Set correct DMX address; Select appropriate operating mode; Check DMX cable and controller
Fixture overheats	Poor ventilation; Clogged fans	Ensure adequate space around fixture; Clean fans and vents

## 8. SPECIFICATIONS

Feature	Specification
Model Number	CLB260-O
Light Source Type	Halogen
Light Source Wattage	260 Watts
Brightness	180,000 Lux at 10m
Voltage	100-240 Volts (AC)
Frequency	50/60 Hz
Color Temperature	7800 Kelvin
DMX Channels	12-CH
Gobo Wheel	14 Gobos + Open
Color Wheel	13 Colors + Open, Rainbow Effect
Prism	8-Facet Prism
Effects	Frost, Dimming (0-100%), Strobe, Gobo Shaking, Rotation
Operating Modes	DMX, Sound Activate, Master-Slave, Automatic, Half-Power
Product Dimensions	10.83"L x 7.84"W x 16.85"H
Item Weight	13.22 Pounds (6 kg)
Material	Acrylonitrile Butadiene Styrene (ABS)

Feature	Specification
Mounting Type	Ceiling mount, Floor mount
Certifications	CE, RoHS

## 9. WARRANTY AND SUPPORT

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Betopper products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please contact Betopper customer service through the official website or your point of purchase. Keep your purchase receipt as proof of purchase.