Betopper BETOPPER 7x40W RGBW Beam/Wash/Zoom/CTO Stage Lighting and 150W Moving Head DJ Lights with Beam 12 GOBO 12 Colors 1 Prism

BETOPPER 7x40W RGBW Beam/Wash/Zoom/CTO Stage Lighting and 150W Moving Head DJ Lights User Manual

Comprehensive guide for setup, operation, and maintenance of your BETOPPER professional stage lighting equipment.

1. Introduction

Thank you for choosing the BETOPPER 7x40W RGBW Beam/Wash/Zoom/CTO Stage Lighting and 150W Moving Head DJ Lights. This manual provides essential information for the safe and efficient operation of your new lighting fixtures. Please read it thoroughly before installation and use, and retain it for future reference.

Key Features

- **7x40W RGBW LEDs:** Offers a color range from 2800K to 8500K with effects like color mixing, zoom, and kaleidoscope. Adjustable from 8°-60° for wide area coverage.
- **12 Colors + 12 GOBOs:** 150W moving head LED light with 12 fixed color filters, half-color effect, and two-way rotating rainbow effect.
- **Prism and Dimming, Wide Rotation:** Features 8+16 prism plate, 0-100% smooth dimming, and color wheel with rotating speed control. 540° pan and 270° tilt with a 15° beam angle for broad coverage.
- **Control Modes:** Supports DMX, auto, and sound-activated modes for color, dimming, strobe, and sound control.
- **Easy Setup:** Plug & play with stable rubber feet, and includes a bracket for truss or wall mounting.

Package Contents

Upon unpacking, please verify that all items listed below are present and in good condition:

- BETOPPER 7x40W RGBW Beam/Wash/Zoom/CTO Stage Lighting Fixture
- 150W Moving Head DJ Light Fixture
- Power Input Cable
- Safety Rope
- Light Hook Plate / Mounting Bracket
- User Manual (this document)



Figure 1: Included Product Accessories. This image displays the power input cable, safety rope, light hook plate, and a representation of the instruction manual, alongside the main lighting unit.

2. Product Overview

Familiarize yourself with the various components and control interfaces of the BETOPPER stage lighting fixtures.



Figure 2: Front and Rear Panels of the Lighting Fixture. This image highlights the color display and function menu on the front, and DMX input/output, power connection, and safety wire power switch on the rear.

Front Panel (LCD Display and Control Buttons)

- **LCD Display:** Shows current mode, DMX address, and menu options.
- **MENU Button:** Accesses the main menu and navigates through options.
- **UP/DOWN Buttons:** Adjust values or scroll through menu items.
- **ENTER Button:** Confirms selections or enters sub-menus.

Rear Panel (Connections)

- **DMX IN/OUT:** 3-pin XLR connectors for DMX signal input and output.
- **POWER IN/OUT:** PowerCon compatible connectors for power input and daisy-chaining power to other units.
- **FUSE:** Protects the unit from overcurrent.
- **POWER SWITCH:** Turns the unit on or off.
- **SAFETY WIRE ATTACHMENT POINT:** For securing the safety rope.

3. Setup

Mounting the Fixture

The fixture can be mounted in various orientations using the included light hook plate/mounting bracket. Ensure the mounting surface or truss is capable of supporting the weight of the fixture and any additional equipment.

1. Attach the light hook plate securely to the base of the fixture using the provided screws.
2. Secure the fixture to a truss or mounting surface using appropriate clamps (not included) and the attached hook plate.
3. Always attach the safety rope from the fixture's safety wire attachment point to a separate, secure support structure to prevent accidental falls.



Figure 3: Product Dimensions and Movement Range. This image illustrates the physical size of the fixture and its 540° pan and 270° tilt rotation capabilities.

Power Connection

1. Ensure the power switch on the rear panel is in the OFF position.
2. Connect the included power input cable to the POWER IN connector on the fixture.
3. Plug the other end of the power cable into a suitable power outlet (AC 100-240V, 50/60Hz).
4. For daisy-chaining multiple units, connect a power output cable (not included) from the POWER OUT of the first fixture to the POWER IN of the next. Do not exceed the maximum power load for the circuit.

DMX Connection (Optional)

To control the fixture via a DMX controller, follow these steps:

1. Connect a 3-pin DMX cable from the DMX OUT of your DMX controller to the DMX IN of the first fixture.
2. For multiple fixtures, connect a DMX cable from the DMX OUT of the first fixture to the DMX IN of the second, and so on, creating a daisy chain.
3. It is recommended to use a DMX terminator at the end of the DMX chain to prevent signal reflection issues.

4. Operating Instructions

Control Modes

The BETOPPER lighting fixtures offer several control modes:

- **DMX Mode:** Allows precise control over all functions using an external DMX controller.
- **Auto Mode:** The fixture runs through pre-programmed light shows automatically.
- **Sound-Activated Mode:** The fixture reacts to sound and music, creating dynamic light effects.
- **Master/Slave Mode:** Link multiple fixtures where one acts as the master and others as slaves, synchronizing their operation.

Menu Navigation and Settings

Use the MENU, UP, DOWN, and ENTER buttons on the front panel to navigate through the settings and select your desired operating mode and parameters.

- Press **MENU** to enter the main menu or go back to the previous level.
- Use **UP** and **DOWN** to scroll through menu options or adjust values.
- Press **ENTER** to confirm a selection or enter a sub-menu.

Refer to the on-screen display for specific menu options related to DMX address setting, mode selection (Auto, Sound, Master/Slave), and other parameters.

Key Functions

Color Mixing (RGBW)

The 7x40W RGBW LEDs allow for a vast spectrum of colors by mixing Red, Green, Blue, and White. This enables precise color temperature control from 2800K to 8500K.



Figure 4: RGBW Color Mixing. This image illustrates how Red, Green, Blue, and White LEDs combine to create a wide range of colors.

Zoom Function

The fixture features an adjustable zoom angle from 8° to 60°, allowing you to change the beam spread from a tight, focused beam to a wide wash effect.



Figure 5: Versatile Moving Head Light with Zoom. This image shows two units, highlighting their zoom capabilities for adjusting beam angle.

GOBO Effects

The 150W moving head light includes 12 fixed GOBOs (patterns) to project various shapes and textures onto surfaces. These can be combined with color effects for dynamic visuals.



Figure 6: Versatile Moving Head Beam Light. This image emphasizes the fixture's ability to produce both sharp beams and GOBO patterns, along with its linear dimming feature.

Prism Plate

The fixture features an 8+16 prism plate, which can split the light beam into multiple beams, creating complex and expansive visual effects.

Dimming and Strobe

A 0-100% smooth linear dimming function allows for precise control over light intensity. The strobe effect offers adjustable speed for dynamic flashing.

Pan and Tilt Movement

The moving head design allows for wide-ranging movement: 540° pan (horizontal rotation) and 270° tilt (vertical rotation). This enables dynamic positioning and coverage of large areas.



Figure 7: Beam Characteristics. This image provides data on beam intensity (Lux) at various distances, demonstrating the light's throw and spread.

5. Maintenance

Regular maintenance ensures the longevity and optimal performance of your BETOPPER lighting fixtures.

- **Cleaning:** Periodically clean the lenses and exterior casing with a soft, lint-free cloth. For stubborn dirt, use a mild glass cleaner. Ensure the fixture is powered off and unplugged before cleaning.
- **Ventilation:** Ensure that the ventilation openings are clear of dust and debris to prevent overheating. Use compressed air to clear vents if necessary.
- **Inspection:** Regularly inspect power cables, DMX cables, and mounting hardware for any signs of wear, damage, or loose connections. Replace damaged components immediately.
- **Storage:** When not in use for extended periods, store the fixtures in a dry, dust-free environment, preferably in their original packaging or a protective case.

6. Troubleshooting

If you encounter issues with your BETOPPER lighting fixture, refer to the table below for common problems and their solutions.

Problem	Possible Cause	Solution
Fixture does not power on.	No power supply; power cable loose/damaged; blown fuse.	Check power outlet; ensure cable is securely connected; replace fuse if blown.
No DMX control.	Incorrect DMX address; faulty DMX cable; DMX terminator missing/incorrect.	Verify DMX address matches controller; check/replace DMX cables; ensure DMX terminator is used.
Fixture not responding in Master/Slave mode.	Incorrect mode setting; DMX cable issue.	Ensure master is set to Master mode and slaves to Slave mode; check DMX connections.
Light output is weak or flickering.	Overheating; dirty lens; power supply issue.	Ensure proper ventilation; clean lenses; check power supply stability.
Motor movement is erratic or noisy.	Obstruction; internal issue.	Check for physical obstructions; if problem persists, contact support.

7. Specifications

Detailed technical specifications for the BETOPPER 7x40W RGBW Beam/Wash/Zoom/CTO Stage Lighting and 150W Moving Head DJ Lights.

Specification	Value
Brand	Betopper
Model	7x40W RGBW Beam/Wash/Zoom/CTO Stage Lighting and 150W Moving Head DJ Lights
Light Source (7x40W unit)	7x40W RGBW LEDs
Light Source (150W unit)	150W LED
Color Temperature Range	2800K - 8500K
Zoom Angle	8° - 60° (for 7x40W unit)
Beam Angle	15° (for 150W unit)
GOBOs (150W unit)	12 fixed GOBOs
Colors (150W unit)	12 fixed colors + half-color effect
Prism Plate	8+16 prism plate
Dimming	0-100% linear dimming
Pan Movement	540°
Tilt Movement	270°
Control Modes	DMX, Auto, Sound-Activated, Master/Slave

Specification	Value
Material	Rubber (referring to feet/components)
ASIN	B0DJSCCJWQ
Date First Available	October 15, 2024



Figure 8: Weight and Dimensions. This image provides a visual representation of the fixture's weight (4.5KG / 9.92lbs) and key dimensions (292mm/11.50" height, 236mm/9.29" length, 174.4mm/6.67" width).

8. Warranty and Support

BETOPPER products are designed for reliability and performance. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official BETOPPER website.

If you require technical assistance, have questions about operation, or need to report a defect, please contact BETOPPER customer support. Have your product model and ASIN (B0DJSCCJWQ) ready when contacting support for

faster service.

Online Support: Visit the Betopper Store on Amazon for FAQs and contact options:Betopper Store

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