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Betopper LC200W-H

BETOPPER LC200W-H Professional Stage Light Instruction Manual

1. Introduction

This manual provides essential information for the safe and effective operation of your BETOPPER LC200W-H Professional Stage Light. Please read these instructions thoroughly before installation and use to ensure proper functionality and to prevent damage to the unit or injury to personnel. Keep this manual for future reference.

2. Safety Information

- **Electrical Safety:** Always connect the unit to a grounded power outlet. Ensure the power supply voltage matches the unit's requirements (AC 100-240V, 50/60Hz). Disconnect power before cleaning or servicing.
- **Heat Management:** The fixture generates heat during operation. Ensure adequate ventilation around the unit. Do not block ventilation openings. Maintain a minimum distance of 0.5 meters from flammable materials.
- **Eye Protection:** Do not look directly into the light source when the fixture is operating, as it can cause eye injury.
- **Installation:** Ensure the fixture is securely mounted using appropriate hardware. If hanging, use a safety cable. Avoid installation in areas with high humidity, extreme temperatures, or excessive vibration.
- **Handling:** Handle the unit with care. Do not drop or subject it to severe impact.
- **Repairs:** Do not attempt to repair the unit yourself. Refer all servicing to qualified personnel.

3. Package Contents

Verify that all components are present upon unpacking:

- BETOPPER LC200W-H Professional Stage Light Unit
- Power Cable
- Mounting Brackets (2)
- Screws (2)
- User Manual (this document)

4. Product Overview

The BETOPPER LC200W-H is a 200W RGB 3-in-1 COB (Chip on Board) stage light designed for professional lighting applications. It features high-intensity, uniform light output with low heat generation and extended lifespan.



Image 4.1: Four BETOPPER LC200W-H stage lights, each illuminating in a different color: red, blue, green, and magenta. These lights are designed for versatile stage and event illumination.

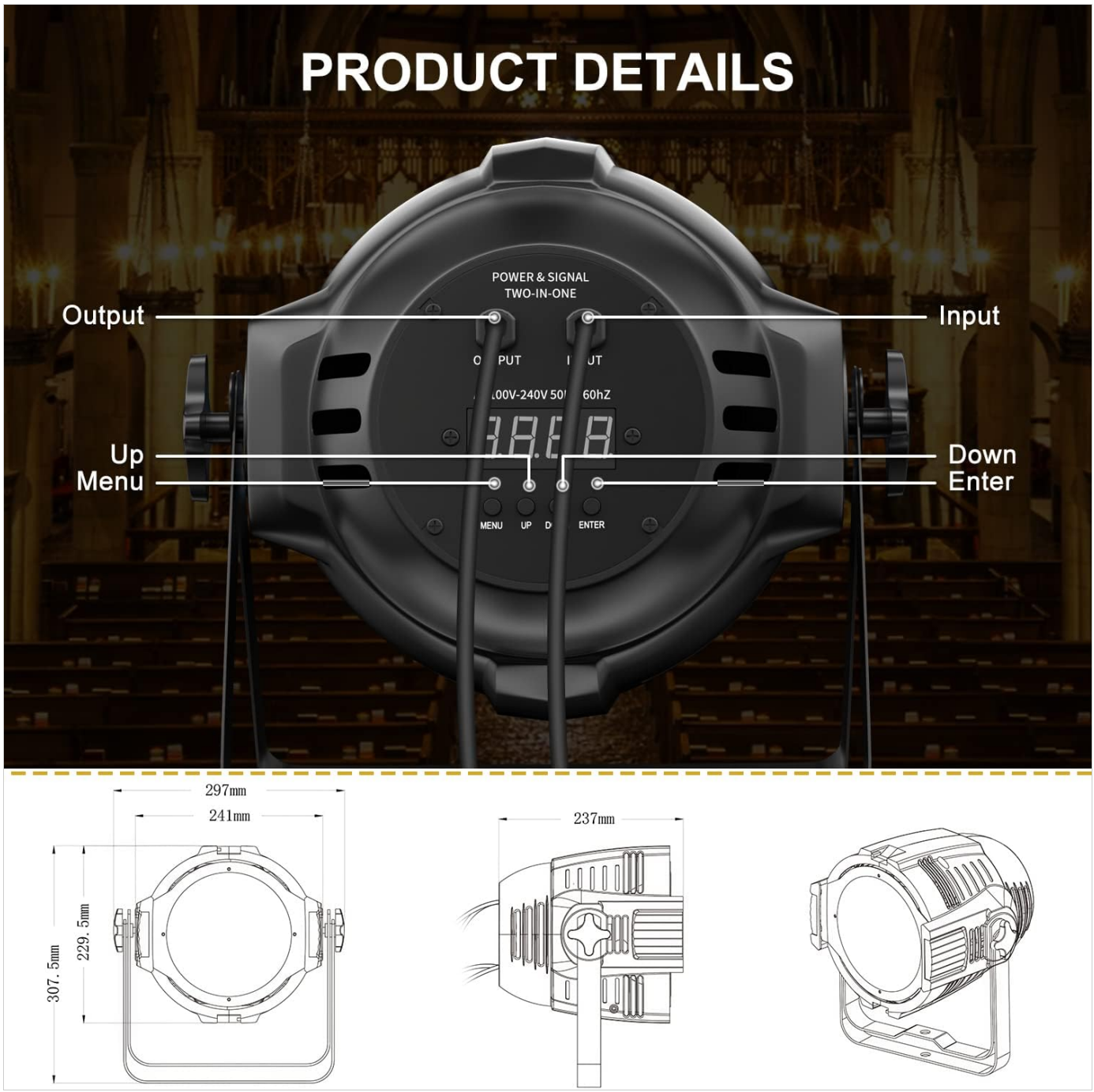


Image 4.2: Detailed view of the rear panel of the BETOPPER LC200W-H light. It highlights the power and signal input/output ports, along with the 'Menu', 'Up', 'Down', and 'Enter' control buttons for configuration.



Image 4.3: A close-up image illustrating the 200W RGB 3-in-1 COB (Chip on Board) LED technology within the BETOPPER LC200W-H light. This shows the compact and powerful light source.

5. Setup

5.1 Mounting

The BETOPPER LC200W-H can be mounted in various configurations:

- **Floor Mount:** Use the included brackets as a stable base for floor placement.
- **Truss Mount:** Attach the brackets to a compatible lighting truss using appropriate clamps (not included). Ensure the fixture is securely fastened and use a safety cable.

5.2 Power Connection

Connect the provided power cable to the unit's power input and then to a grounded AC power outlet (100-240V, 50/60Hz). The unit supports daisy-chaining for power, allowing multiple units to be connected from a single power source. Refer to the specifications for maximum linked units.

5.3 DMX Connection

For DMX control, connect a DMX controller to the unit's DMX input using a 3-pin XLR cable. For multiple units, daisy-chain them by connecting the DMX output of the first unit to the DMX input of the next, and so on. Ensure the last unit in the chain has a DMX terminator (not included) connected to its DMX output.

6. Operating Modes

The BETOPPER LC200W-H offers several operating modes, selectable via the control panel on the rear of the unit:

- **Auto Mode:** The fixture runs through pre-programmed lighting sequences automatically.
- **Sound-Activated Mode:** The light reacts to ambient sound, changing patterns and colors in sync with music or audio input.
- **Static Color Mode:** Select and display a single, constant color.
- **Fading/Pulse/Change/Strobe:** Various effects can be selected and adjusted for speed and intensity.
- **DMX Control Mode:** Allows external control of all fixture functions via a DMX controller.

Use the 'Menu' button to navigate through modes and settings, and 'Up'/'Down' buttons to adjust values. Press 'Enter' to confirm selections.

7. DMX Control

The BETOPPER LC200W-H supports 7-channel DMX control, providing granular control over various lighting parameters. To use DMX, set a unique DMX address for each fixture in your setup. The DMX address determines which channels on your DMX controller will control that specific fixture.

7.1 Setting DMX Address

Consult the display panel and 'Menu' options to set the DMX starting address. Typically, this involves navigating to an 'Addr' or 'A001' setting and using the 'Up'/'Down' buttons to select the desired address.

7.2 DMX Channel Functions (7-Channel Mode)

While specific channel assignments may vary, a typical 7-channel DMX profile for an RGB COB light includes:

- **Channel 1:** Master Dimmer / Strobe
- **Channel 2:** Red Intensity (0-255)
- **Channel 3:** Green Intensity (0-255)
- **Channel 4:** Blue Intensity (0-255)
- **Channel 5:** Color Macro / Pre-programmed Colors
- **Channel 6:** Auto Program Selection / Speed
- **Channel 7:** Sound Active Mode / Sensitivity

Refer to the detailed DMX chart provided with your specific unit for exact channel assignments and values.

8. Maintenance

8.1 Cleaning

Regular cleaning helps maintain optimal light output and extends the lifespan of the fixture. Disconnect power before cleaning.

- Clean the outer casing with a soft, damp cloth.
- Gently clean the lens with a soft, lint-free cloth and a mild glass cleaner. Avoid abrasive materials.
- Periodically clean ventilation openings to prevent dust buildup, which can impede cooling.

8.2 Storage

When not in use, store the fixture in a dry, dust-free environment. If storing for extended periods, consider using the original packaging or a protective case.

9. Troubleshooting

Problem	Possible Cause	Solution
No power / Light does not turn on	Power cable disconnected; No power from outlet; Unit fault	Check power cable connection; Test outlet with another device; Contact support if problem persists.
No DMX control	Incorrect DMX address; Faulty DMX cable; DMX controller issue; No DMX terminator	Verify DMX address setting; Test DMX cable; Check DMX controller output; Add DMX terminator to the last fixture.
Light output is weak or inconsistent	Dimmer setting too low; Overheating; Internal fault	Adjust dimmer setting; Ensure proper ventilation; Contact support.
Fan is excessively noisy	Dust buildup in fan; Fan malfunction	Clean fan and vents; Contact support if noise continues.

10. Specifications

Feature	Detail
Model Number	LC200W-H
Light Source	200W RGB 3-in-1 COB LED
Brightness	3000 Lumens
Color	Red, Green, Blue (RGB)
DMX Channels	7-Channel
Operating Modes	Auto, Sound-Activated, DMX, Static Color, Fading, Pulse, Strobe
Voltage	AC 100-240V, 50/60Hz
Power Consumption	200 Watts (Max)
Amperage	1.67 Amps
Product Dimensions	11.69"L x 9.33"W x 9.33"H
Item Weight	32.4 pounds (for 4-pack, individual unit weight not specified)
Mounting Type	Floor mount, Pole mount (Truss)
UPC	702735947215

11. Warranty and Support

For warranty information and technical support, please refer to the documentation included with your purchase or contact BETOPPER customer service directly. Keep your proof of purchase for any warranty claims.

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

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