Betopper LPC120

BETOPPER Stage Lighting 120W Par Light User Manual

Brand: **Betopper** | Model: **LPC120**

1. INTRODUCTION AND OVERVIEW

The BETOPPER Stage Lighting 120W Par Light is a versatile RGBW 4-in-1 stage light designed for various applications, including concerts, parties, clubs, and events. It features 60 high-power LEDs, offering millions of color combinations and a high Color Rendering Index (CRI) of 90 for faithful color reproduction.
This manual provides essential information for the safe and effective operation of your BETOPPER Par Light. Please read it thoroughly before use and retain it for future reference.

Figure 1.1: Front view of the BETOPPER 120W Par Light, showcasing its powerful RGBW LED array.

2. WHAT'S IN THE BOX

Upon opening your product package, please verify that all listed components are present and in good condition:

- LED Par Light X1
- User Manual X1 (This document)
- Power cable X1
- DMX Signal cable X1
- Mounting accessories (Bracket)

3. SETUP

Follow these steps to set up your BETOPPER Par Light:

1. **Unpacking:** Carefully remove the light and all accessories from the packaging. Inspect for any signs of damage during transit.

2. **Mounting:** The light is equipped with a durable metal bracket. This bracket allows for flexible positioning, including floor standing, truss mounting, or wall mounting. Secure the light using appropriate clamps or screws (not included for truss/wall mounting) to ensure stability.

Figure 3.1: Rear view of the light, highlighting the display, DMX IN/OUT ports, power input, and adjustable mounting bracket.

3. **Power Connection:** Connect the provided power cable to the power input port on the rear of the light. Plug the other end into a suitable power outlet (100-240V AC, 50/60Hz).

4. **DMX Connection (Optional):** If using DMX control, connect the DMX signal cable from your DMX controller to the DMX IN port on the first light. For multiple lights, daisy-chain them by connecting the DMX OUT of the first light to the DMX IN of the next, and so on.

4. OPERATING MODES AND CONTROLS

The BETOPPER Par Light offers multiple control modes for various lighting needs:

- **Auto Mode:** The light cycles through pre-programmed patterns and colors automatically.
- **Sound Activated Mode:** The light reacts to ambient sound or music, changing patterns and colors in sync with the beat.
- **DMX Control (4/8 Channel):** For professional control, connect to a DMX controller. Refer to the DMX channel chart in Section 5 for detailed programming.

- **Master-Slave Mode:** Link multiple lights together. One light acts as the master, controlling all other slave units, ensuring synchronized effects.

The rear panel features a digital display and control buttons (MENU, UP, DOWN, ENTER) for mode selection and parameter adjustment.

Figure 4.1: Overview of the multi-mode party light features, including DMX, Sound Activated, Master-Slave, and Auto modes.

CRI ≥ 90
Natural color reproduction

• -Bright lights
• -Super heat dissipation
• -Pure color temperature

To adjust the CRI MODE:MENU→Ct→ENTER→DOWN/UP→ENTER

①Press MENU ②Display Ct➝Press ENTER ③Press DOWN/UP ④Press ENTER

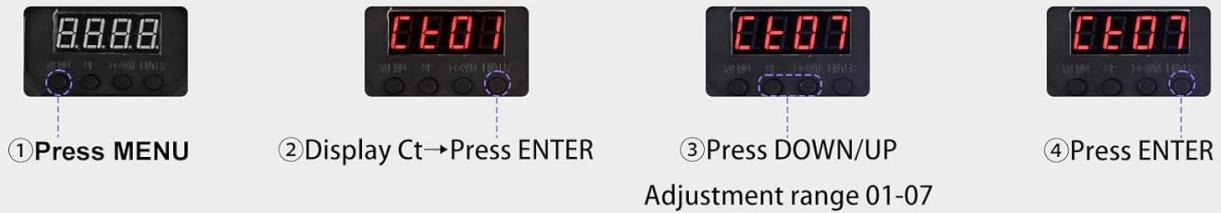Adjustment range 01-07

HIGH CRI LOW CRI

Figure 4.2: Steps to adjust the CRI (Color Rendering Index) mode using the control panel: Press MENU, display Ct, Press ENTER, Press DOWN/UP to adjust range 01-07, then Press ENTER.

4.1 Official Product Videos

Watch these official videos from BETOPPERDirect for a visual guide on the product's features and effects:

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Video 4.1: "BETOPPER Stage Light Par Light" - This video demonstrates various lighting effects and modes of the BETOPPER Par Light, including voice control, strobe, and jump modes, showcasing its versatility.

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Video 4.2: "BETOPPER Stage Light 60*2W" - This video highlights the powerful 60x2W LEDs and various color changes, including gradual and pulse changes, demonstrating the light's brightness and color mixing capabilities.

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Video 4.3: "BETOPPER Stage Lights LED Par Light" - This video provides a comprehensive look at the LED Par Light, showcasing its performance in various settings and demonstrating different color outputs and effects.

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Video 4.4: "BETOPPER LED Par Light Stage Light LPC120 LPC010N LPC010-B" - This video compares the LPC120 model with other BETOPPER models (LPC010N, LPC010-B), highlighting differences in brightness and color output across the

5. DMX CHANNEL CHART

For advanced control using a DMX controller, refer to the following channel assignments:

Channel	Function	Value Range	Description
1	Master Dimmer	0-255	Overall brightness control (0% to 100%)
2	Red Intensity	0-255	Adjust red LED brightness
3	Green Intensity	0-255	Adjust green LED brightness
4	Blue Intensity	0-255	Adjust blue LED brightness
5	White Intensity	0-255	Adjust white LED brightness
6	Strobe Speed	0-255	Adjust strobe effect speed (0 = no strobe, 255 = max speed)
7	Color Macro	0-255	Select pre-programmed color combinations or effects
8	Sound Sensitivity	0-255	Adjust sensitivity for sound-activated mode

Note: The specific DMX channel functions may vary slightly depending on the selected DMX mode (e.g., 4-channel vs. 8-channel). Refer to the light's internal menu for exact DMX settings.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your BETOPPER Par Light:

- **Cleaning:** Periodically clean the lens and exterior casing with a soft, lint-free cloth. Do not use abrasive cleaners or solvents. Ensure the light is unplugged before cleaning.
- **Ventilation:** Ensure that the ventilation openings on the light are not obstructed. Proper airflow is crucial for heat dissipation and preventing overheating.
- **Cable Inspection:** Regularly check power and DMX cables for any signs of wear, cuts, or damage. Replace damaged cables immediately to prevent electrical hazards.
- **Storage:** When not in use for extended periods, store the light in a dry, dust-free environment, preferably in its original packaging or a protective case.

7. TROUBLESHOOTING

If you encounter issues with your BETOPPER Par Light, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not power on	No power supply; faulty cable; power switch off	Check power connection, try a different outlet, ensure power switch is ON. Inspect power cable for damage.
No DMX control	Incorrect DMX address; faulty DMX cable; DMX mode not selected	Verify DMX address matches controller setting. Check DMX cables. Ensure light is in DMX mode. Try a different DMX cable.

Problem	Possible Cause	Solution
Colors are incorrect or inconsistent	Incorrect DMX values; internal program issue	Adjust DMX channel values for RGBW. Reset the light to factory settings if possible (refer to internal menu).
Light flickers	Unstable power supply; DMX signal interference; internal component issue	Ensure stable power. Check DMX connections and termination. If problem persists, contact support.
Fan noise is loud	Normal operation; obstructed fan; dust buildup	Some fan noise is normal for cooling. Ensure fan vents are clear. Clean dust from fan if accessible.

If the issue persists after attempting these solutions, please contact BETOPPER customer support for further assistance.

8. SPECIFICATIONS

Detailed technical specifications for the BETOPPER 120W Par Light (Model LPC120):

Feature	Detail
Brand	Betopper
Model Number	LPC120
Light Source Type	LED
Number of Light Sources	60 LEDs (RGBW 4-in-1)
Maximum Compatible Light Source Wattage	120 Watts
Color Rendering Index (CRI)	90
Color Temperature	3500 Kelvin
Control Modes	Auto, Sound Activated, DMX (4/8 Channel), Master-Slave
Material	Aluminum (Shade Material: Metal)
Finish Type	Powder Coated
Mounting Type	Bracket Mount
Power Source	Corded Electric
Voltage	120 Volts
Product Dimensions (L x W x H)	9.25" x 9.25" x 9.06"
Item Weight	2.61 pounds
Country of Origin	China
UPC	797725866737

9. WARRANTY AND SUPPORT

Your BETOPPER Stage Lighting 120W Par Light is covered by the manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Betopper website.

For technical support, troubleshooting assistance, or warranty claims, please contact Betopper customer service through their official channels. Provide your product model number (LPC120) and purchase details for efficient service.

You can visit the Betopper Store on Amazon for more information and contact options.

Related Documents - LPC120

	Betopper LPC120 Par Light User Manual Comprehensive user manual for the Betopper LPC120 Par Light, detailing operation, safety tips, button specifications, technical parameters, and DMX channel functions.
	BETOPPER LPC010N User Manual: RGBW 4-in-1 PAR Light Operation Guide Comprehensive user manual for the BETOPPER LPC010N 54x4W RGBW 4-in-1 High CRI PAR Light. Learn about safety, technical specifications, button functions, DMX control, and dimmer curves.
	BETOPPER LPC007 LED Par Stage Light DMX User Manual User manual for the BETOPPER LPC007 LED Par Stage Light DMX. Includes features, technical specifications, safety instructions, and DMX channel functions.

	BETOPPER LPC007 LED Par Stage Light DMX User Manual User manual for the BETOPPER LPC007 LED Par Stage Light DMX, detailing its features, specifications, operation, and safety instructions. Covers DMX channel functions, dimensions, and technical parameters.
	BETOPPER LPC1818 18x18W RGB+Lime+Amber+UV 6-in-1 User Manual User manual for the BETOPPER LPC1818, an 18x18W RGB+Lime+Amber+UV 6-in-1 lighting fixture. This guide provides essential safety information, technical specifications, button instructions, details on 11-channel and 7-channel DMX modes, and master-slave operation for optimal use.
	BETOPPER LED PAR User Manual - LPC180, LPC180-H, LPC60 Comprehensive user manual for BETOPPER LED PAR lights (Models LPC180, LPC180-H, LPC60). Covers technical specifications, operating modes, DMX control, safety tips, and warranty information.