Betopper BTUSLPC120N4

BETOPPER 120W RGBW Par Light User Manual

Brand: Betopper

Model: BTUSLPC120N4

1. Introduction

This user manual provides comprehensive instructions for the safe and effective operation, setup, maintenance, and troubleshooting of your BETOPPER 120W RGBW Par Light. Designed for various applications including concerts, events, parties, and clubs, this stage light offers versatile lighting solutions with its advanced features.



Image: A set of four BETOPPER 120W RGBW Par Lights showcasing their vibrant color capabilities. Each light is set to a different color, demonstrating the RGBW 4-in-1 functionality.

2. Safety Information

- Always connect the light to a grounded power outlet.
- Ensure proper ventilation around the fixture to prevent overheating.
- Do not operate the light if the power cord is damaged.
- Avoid direct eye exposure to the light source, as it can be harmful.
- Disconnect power before performing any maintenance or cleaning.
- This product is designed for indoor use only.

3. Product Overview

The BETOPPER 120W RGBW Par Light is a high-performance stage lighting fixture featuring 60 RGBW 4-in-1 full-color LEDs, offering millions of color combinations. It is equipped with a durable metal bracket for versatile mounting options.

Key Features:

- **Light Source:** 60 RGBW 4-in-1 LEDs for full-color mixing.
- **High CRI:** Color Rendering Index (CRI) of 90 for faithful color reproduction.
- **Durable Construction:** Features a robust aluminum housing and metal bracket.
- **Compact Design:** Product dimensions of 8.27"L x 2.36"W x 8.27"H.
- **Lightweight:** Weighs approximately 10.43 pounds.



Image: A visual comparison highlighting the brightness and power of the BETOPPER LED Par Light (60*2W LEDs) against other typical lights (36*1W LEDs), demonstrating superior illumination.

4. Setup

The BETOPPER Par Light is designed for easy setup, primarily for table mount applications, but can be adapted for truss mounting using its integrated metal bracket. Ensure the light is placed on a stable surface or securely mounted before connecting power.

Connecting the Light:

1. **Power Connection:** Locate the power input on the rear of the fixture and connect the provided power cable. Ensure the power source matches the light's voltage requirements (120 Volts).
2. **DMX Connection (Optional):** For DMX control, connect a DMX cable from your DMX controller to the DMX IN port on the light. If linking multiple lights, connect from the DMX OUT of the first light to the DMX IN of the next.
3. **Mounting:** Use the adjustable metal bracket to position the light as desired. The bracket can be used for floor standing or for attaching to a truss system.

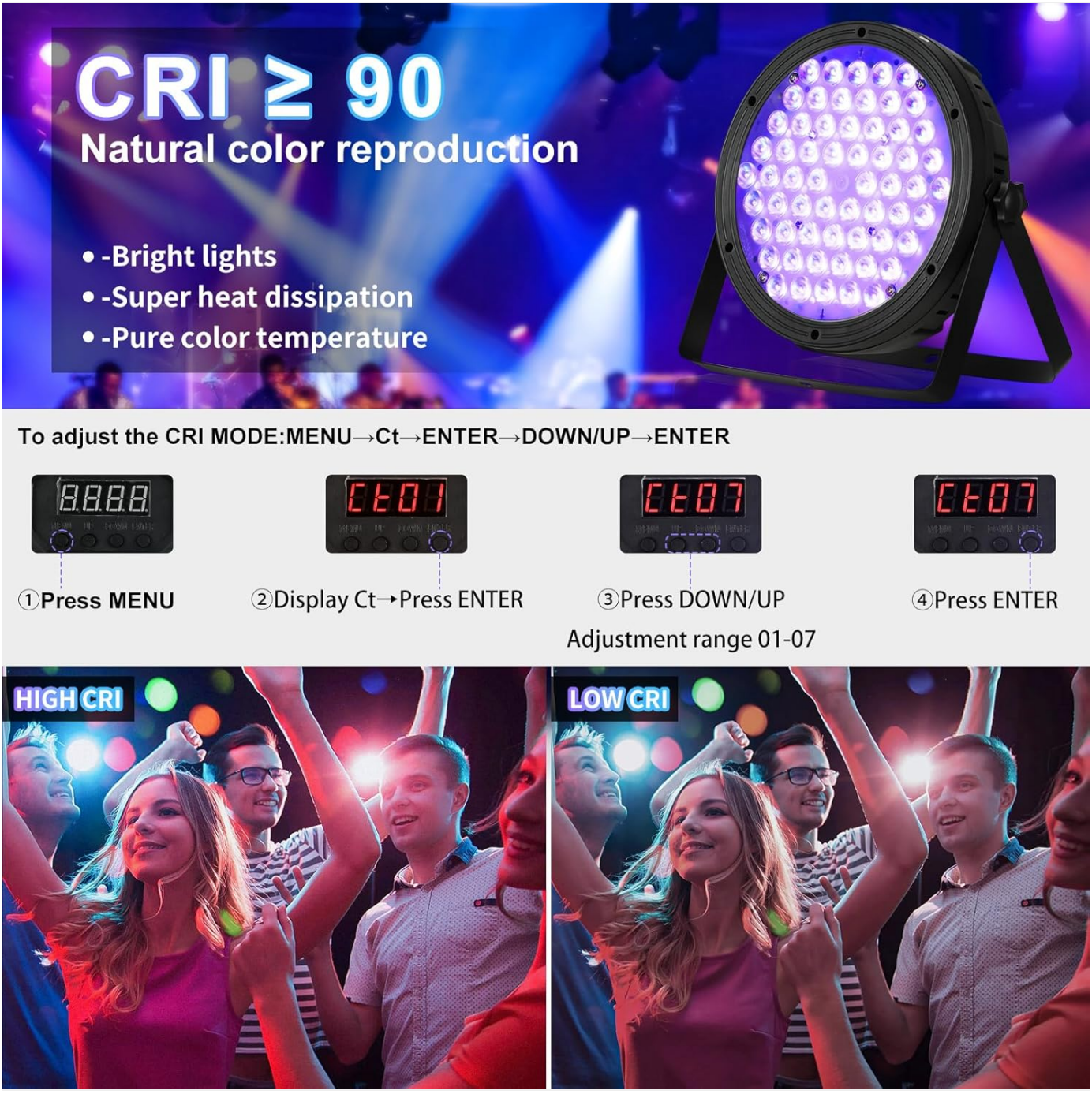


Image: A detailed view of the rear panel of the BETOPPER 120W Par Light, highlighting the digital display, adjustable screws for the bracket, DMX input and output ports, and the power connection point.

5. Operating Modes

The BETOPPER Par Light offers multiple control modes to suit various lighting needs and environments.

Available Modes:

- **Auto Mode:** The light cycles through pre-programmed color changes and effects automatically.
- **Sound Activated Mode:** The light reacts to ambient sound, changing colors and patterns in sync with music or audio.
- **DMX Mode (4/8 Channel):** For professional control, connect to a DMX controller to precisely manage color, intensity, and effects. The light supports both 4-channel and 8-channel DMX configurations.
- **Master-Slave Mode:** Link multiple lights together. One light acts as the master, controlling all other connected slave units, ensuring synchronized lighting effects.

CRI Adjustment:

The light features a CRI (Color Rendering Index) adjustment function to optimize color reproduction. To adjust the CRI mode:

1. Press the **MENU** button.
2. Navigate to and display **Ct**, then press **ENTER**.
3. Use the **DOWN**/**UP** buttons to select an adjustment range from 01-07.
4. Press **ENTER** to confirm your selection.



Image: A visual guide demonstrating how to adjust the CRI mode on the light's display, along with comparative examples of high CRI (natural color reproduction) and low CRI lighting effects.

Demonstration Video:

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Video: This video showcases the various lighting effects and operational modes of the BETOPPER LED Par Light, including color changes, pulsing, and gradient effects, demonstrating its versatility for different stage and event settings.

6. Maintenance

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

- **Cleaning:** Periodically clean the lens and housing with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly inspect the power cable and DMX connections for any signs of wear or damage.
- **Ventilation:** Ensure that the ventilation openings are clear of dust and debris to maintain proper heat dissipation.

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 turn on.	No power supply; faulty cable.	Check power connection and outlet. Test with a different power cable if available.
Light flickers or behaves erratically.	Loose connection; DMX signal issue; internal fault.	Ensure all cables are securely connected. Check DMX settings and cable integrity. If flickering persists, contact customer support.
Colors are incorrect or not changing.	Incorrect operating mode; DMX address mismatch.	Verify the selected operating mode (Auto, Sound, DMX). If using DMX, confirm the DMX address and channel settings match your controller.
Light overheats.	Blocked ventilation; prolonged use in high ambient temperatures.	Ensure ventilation openings are clear. Allow the fixture to cool down. Operate in a well-ventilated area.

8. Specifications

Attribute	Value
Brand	Betopper
Model Number	BTUSLPC120N4
Light Source Type	LED (60 LEDs)
LED Type	RGBW 4-in-1 Full-Color
Wattage	120 Watts
Voltage	120 Volts
Color Rendering Index (CRI)	90
Beam Angle	15 Degrees
Control Modes	Auto, Sound, DMX (4/8 Channel), Master-Slave
Material	Aluminum (Shade: Metal)
Color	Black
Product Dimensions (L x W x H)	8.27" x 2.36" x 8.27"
Item Weight	10.43 pounds
Mounting Type	Table Mount (with bracket)

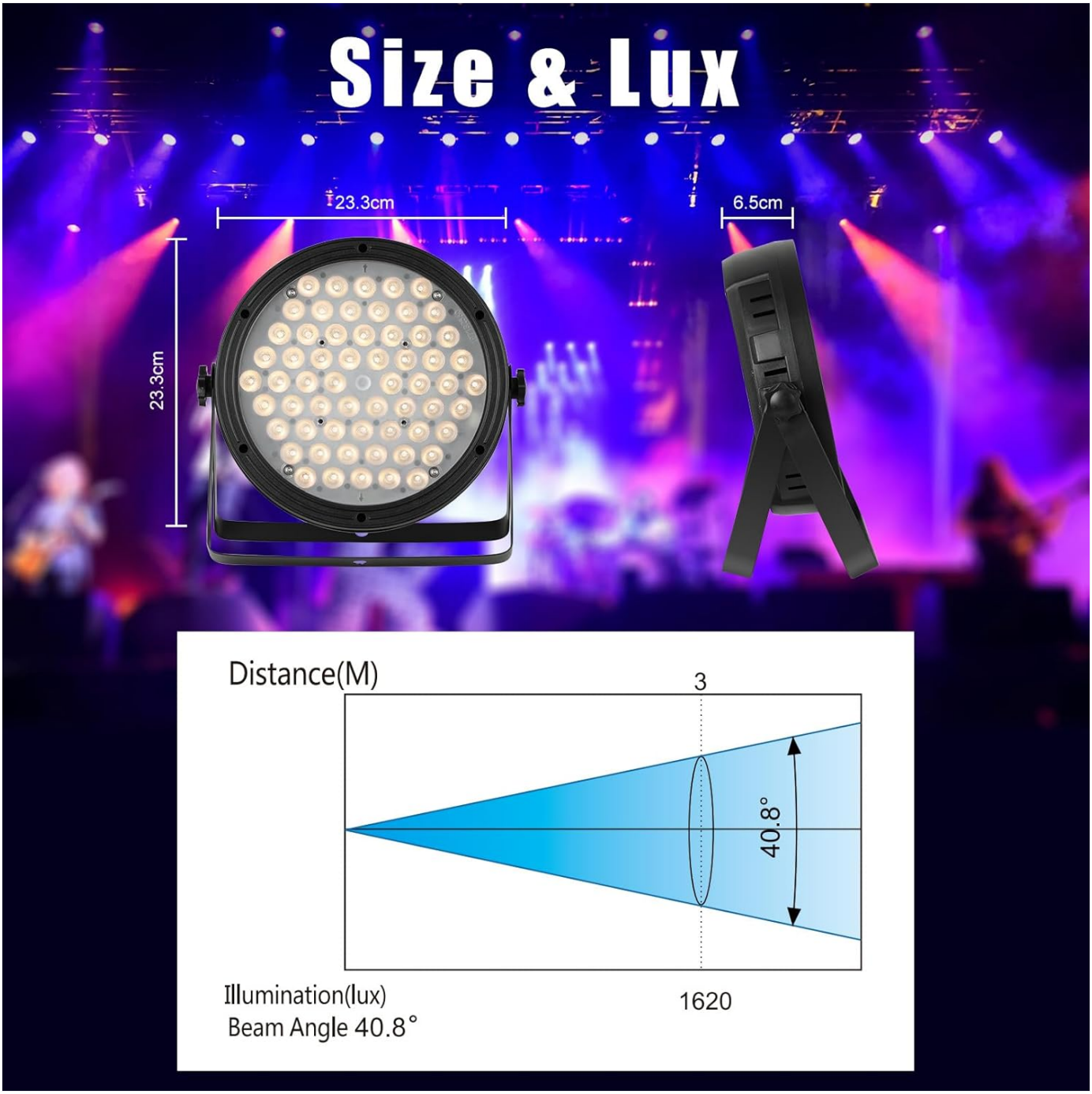


Image: A technical diagram illustrating the physical dimensions (length, width) and the beam angle (40.8 degrees) of the BETOPPER Par Light, along with illumination (lux) at a distance of 3 meters.

9. Warranty and Support

For warranty information or technical support, please contact BETOPPER customer service. Refer to your purchase documentation for specific warranty terms and contact details. Additional protection plans may be available for extended coverage.

For further assistance, you may visit the officialBetopper Store on Amazon.

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Question

Example: How do I reset this device or fix this error?

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