Betopper LPC1818

BETOPPER LPC1818 120W RGBW LED Par Light User Manual

Model: LPC1818

1. Introduction

This manual provides comprehensive instructions for the safe and effective operation of your BETOPPER LPC1818 120W RGBW LED Par Light. This professional stage lighting fixture features 60 high-power RGBW 4-in-1 LEDs, offering a wide spectrum of colors and effects suitable for various events and venues. Please read this manual thoroughly before use and retain it for future reference.



Image 1.1: Two BETOPPER LPC1818 120W RGBW LED Par Lights displaying different colors.

2. Safety Instructions

To ensure safe operation, observe the following precautions:

- **Electrical Safety:** Always connect the fixture to a grounded power outlet. Ensure the voltage matches the specified requirements (AC 120V). Disconnect power before cleaning or servicing.
- **Installation:** Mount the fixture securely using the provided bracket. Ensure it is installed in a location with adequate ventilation and away from flammable materials.
- **Eye Protection:** Avoid direct eye exposure to the light source, as it can cause eye damage.
- **Environment:** This fixture is designed for indoor use only. Do not expose it to rain, moisture, or extreme temperatures.
- **Maintenance:** Refer to the maintenance section for cleaning and care. Do not attempt to repair the unit yourself; contact qualified service personnel.

3. Package Contents

Verify that all items are present in the package:

- BETOPPER LPC1818 LED Par Light (x1)
- User Manual (x1)
- Power Cable (x1)
- DMX Signal Cable (x1)
- Mounting Accessories (x1 set)



Image 3.1: BETOPPER LPC1818 LED Par Light and its included accessories.

4. Product Overview

Familiarize yourself with the components of the LPC1818 LED Par Light:



Image 4.1: Key components and connections of the LPC1818 LED Par Light.

- **Digital Display:** Shows current mode and parameter settings.
- **Control Buttons:** MENU, UP, DOWN, ENTER for navigation and selection.
- **DMX IN/OUT:** 3-pin XLR connectors for DMX control signal.
- **Power IN:** IEC power connector for main power supply.
- **Mounting Bracket:** Adjustable bracket for floor standing or truss mounting.
- **Cooling Fan/Vents:** Ensures proper heat dissipation.

5. Setup

5.1 Mounting

1. Attach the mounting bracket to a secure truss or stand using appropriate clamps (not included).
2. Ensure the fixture is securely fastened and balanced to prevent accidental falls.
3. Alternatively, the bracket can be used as a floor stand.

5.2 Power Connection

1. Connect the provided power cable to the Power IN port on the fixture.
2. Plug the other end of the power cable into a grounded AC 120V power outlet.

5.3 DMX Connection (Optional)

For DMX control, connect a DMX cable from your DMX controller's output to the DMX IN port of the first fixture. For multiple fixtures, daisy-chain them by connecting the DMX OUT of the first fixture to the DMX IN of the next, and so on.

6. Operating Instructions

The LPC1818 offers multiple control modes. Use the MENU, UP, DOWN, and ENTER buttons to navigate and select options on the digital display.



Image 6.1: Overview of available control modes.

6.1 Auto Mode

In Auto Mode, the fixture cycles through pre-programmed light shows automatically. Press MENU until 'AuXX' appears, then use UP/DOWN to select a program and ENTER to confirm.

6.2 Sound Activated Mode

The fixture responds to music or sound. Press MENU until 'SoXX' appears, then use UP/DOWN to select a sound program and ENTER to confirm. Adjust sensitivity if needed.

6.3 Master-Slave Mode

Connect multiple fixtures via DMX cables. Set one fixture as the 'Master' (e.g., in Auto or Sound mode) and the others as 'Slave' units. Press MENU on slave units until 'SLAV' appears and confirm with ENTER. Slave units will mimic the master's behavior.

6.4 DMX Control Mode

This mode allows external control via a DMX controller. The LPC1818 supports 4 or 8 DMX channels.

1. Press MENU until 'AXXX' appears (DMX address setting). Use UP/DOWN to set the desired DMX start address (001-512) and ENTER to confirm.
2. Press MENU again until 'CHXX' appears (channel mode setting). Use UP/DOWN to select 4-channel or 8-channel mode and ENTER to confirm.
3. Refer to your DMX controller's manual and the fixture's DMX chart (usually found in a separate DMX protocol document or on the manufacturer's website) for specific channel functions.

6.5 CRI Adjustment

The fixture features a high Color Rendering Index (CRI) of 95, ensuring accurate color reproduction. You can adjust the CRI mode:

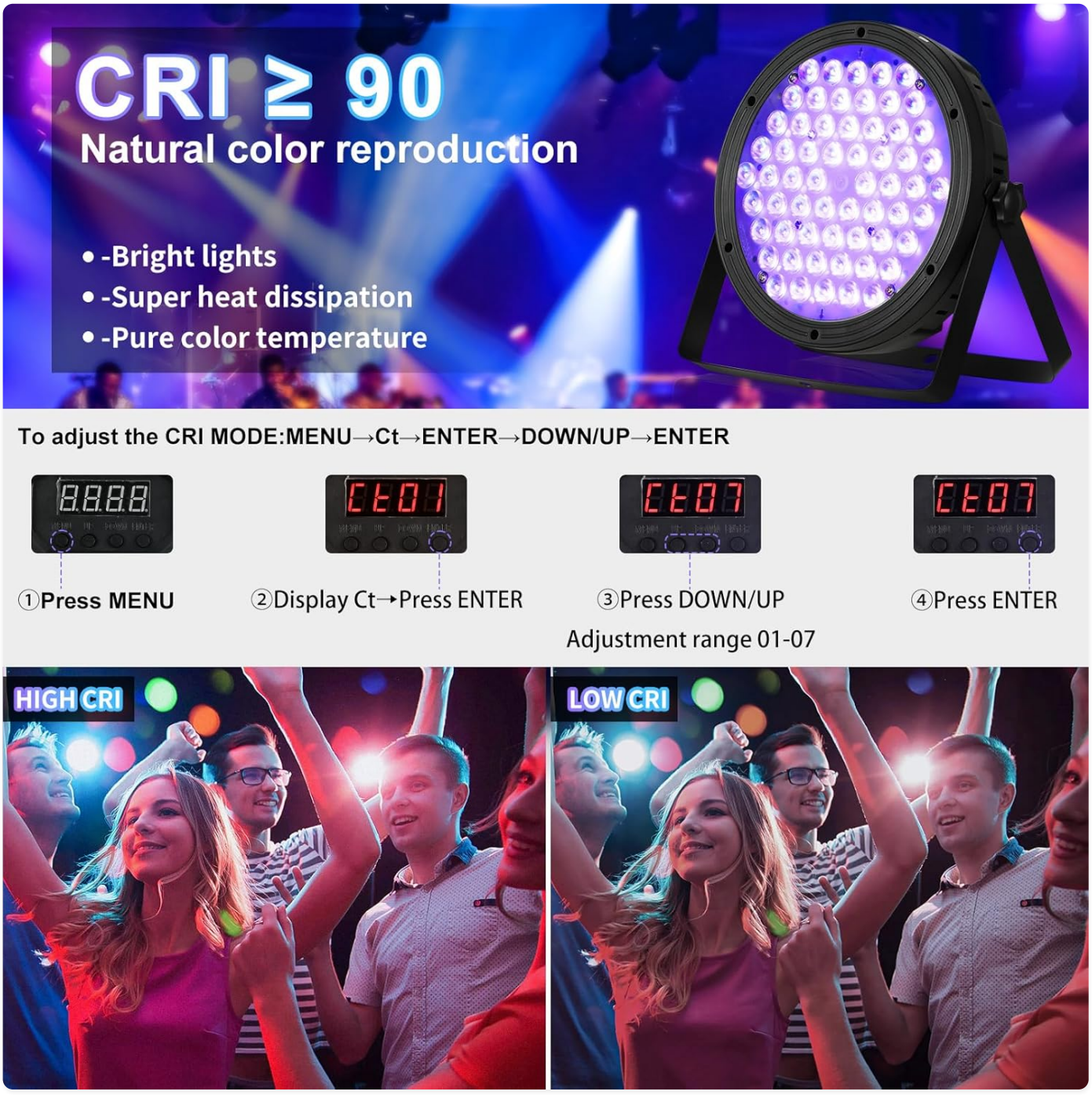


Image 6.2: Steps for adjusting CRI mode.

1. Press the **MENU** button.
2. The display will show 'Ct'. Press **ENTER**.
3. Use the **DOWN/UP** buttons to adjust the CRI setting (range 01-07).
4. Press **ENTER** to confirm your selection.

7. Maintenance

7.1 Cleaning

Regular cleaning helps maintain optimal light output and extends the fixture's lifespan.

- Disconnect power before cleaning.
- Use a soft, lint-free cloth dampened with a mild cleaning solution to wipe the exterior.
- Clean the lens regularly to ensure maximum brightness. Do not use abrasive cleaners.
- Ensure cooling vents are free from dust and debris.

7.2 Storage

When not in use, store the fixture in a dry, dust-free environment, preferably in its original packaging or a protective case.

8. Troubleshooting

If you encounter issues, consult the table below before contacting support.

Problem	Possible Cause	Solution
Fixture does not power on.	No power supply; faulty cable; blown fuse.	Check power connection; test cable; replace fuse (if accessible and safe).
No light output.	Incorrect mode selected; dimmer channel at zero; DMX signal issue.	Verify operating mode; check DMX controller settings; ensure DMX cables are connected correctly.
Fixture not responding to DMX.	Incorrect DMX address; DMX cable issue; DMX controller problem.	Set correct DMX address; check DMX cables for damage; test with another DMX controller.
Colors are incorrect or inconsistent.	Incorrect color mixing settings; CRI mode setting.	Adjust color mixing parameters in DMX mode or check CRI adjustment settings.

9. Specifications

Feature	Detail
Model	LPC1818
Light Source	60 x RGBW 4-in-1 LEDs
Power Consumption	120W

Feature	Detail
Voltage	AC 120V
Beam Angle	40.8°
Color Rendering Index (CRI)	95
Control Modes	Auto, Sound Activated, DMX, Master-Slave
DMX Channels	4 / 8 Channels
Material	Aluminum
Finish	Powder Coated
Dimensions (L x W x H)	9.25" x 9.25" x 2.56" (23.5cm x 23.5cm x 6.5cm)
Weight	5.15 lbs (2.34 kg)
UPC	797725866720



Image 9.1: Physical dimensions and beam angle illustration.

10. Warranty and Support

10.1 Warranty Information

For details regarding the product warranty, please refer to the warranty card included with your purchase or contact your retailer. Keep your proof of purchase for any warranty claims.

10.2 Customer Support

If you have any questions, require technical assistance, or encounter issues not covered in this manual, please contact BETOPPER customer support through the retailer's platform or the official BETOPPER website.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

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

Details

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

Submit question

Answered questions about this manual

Why does the ENTER button have no effect when I try to save settings on my Betopper LPC1818 fixtures?

If the ENTER button on your Betopper LPC1818 is not responding when you try to save settings, please check the following troubleshooting steps:Confirm the Sequence: Ensure you are pressing MENU to find the desired...

Read full answer