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› [Betopper](#) /

› Betopper 54x4W High CRI Par Light Instruction Manual

Betopper LPC010-B-2

Betopper 54x4W High CRI Par Light Instruction Manual

Model: LPC010-B-2

Brand: Betopper

1. INTRODUCTION

The Betopper 54x4W High CRI Par Light is a professional-grade LED stage lighting fixture designed for various applications including photography, studio lighting, video recording, parties, clubs, weddings, and live shows. This light features 54x4W RGBW 4-in-1 LEDs, delivering up to 5600 lumens with a high Color Rendering Index (CRI) of over 90, ensuring accurate and vibrant color reproduction. Equipped with adjustable barn doors, it allows for precise control over the light beam angle. This manual provides essential information for the safe and effective use of your Betopper Par Light.



Image: Two Betopper 54x4W High CRI Par Lights, showcasing their design and adjustable barn doors. One light displays a red hue, and the other a purple hue, demonstrating color capabilities.

2. SAFETY INFORMATION

- **Electrical Safety:** Always connect the fixture to a grounded power outlet. Ensure the power supply voltage matches the specified voltage for the unit. Disconnect power before cleaning, servicing, or moving the fixture.
- **Ventilation:** Ensure adequate ventilation around the fixture to prevent overheating. Do not block ventilation openings.
- **Placement:** Mount the fixture securely using appropriate hardware. Avoid placing the fixture in direct sunlight, near heat sources, or in areas with high humidity or dust.
- **Eye Protection:** Do not look directly into the light source when the fixture is operating, as it can cause eye damage.
- **Handling:** Handle the fixture with care. Avoid dropping or subjecting it to strong impacts.
- **Repairs:** All repairs must be performed by qualified service personnel. Do not attempt to repair the unit yourself.

3. PACKAGE CONTENTS

Upon unpacking your Betopper 54x4W High CRI Par Light, please verify that all components listed below are included and in good condition:

- Betopper 54x4W High CRI Par Light (2 units for 2-pack)
- Barn Doors (4 per light, 8 total for 2-pack)
- Power Cable
- Mounting Bracket
- Screws for assembly
- Instruction Manual



Image: A visual representation of the Betopper Par Light's components, including the main unit, barn doors, power cable, mounting bracket, and screws, alongside a detailed view of the control panel.

4. PRODUCT OVERVIEW AND FEATURES

The Betopper 54x4W High CRI Par Light is engineered for professional lighting environments, offering a range of advanced features:

- **High CRI (>90):** Ensures exceptional color accuracy, making objects and skin tones appear natural and vibrant, ideal for photography and video.
- **Superior Brightness:** Equipped with 54x4W LED bulbs, it delivers up to 5600 lumens, providing powerful illumination for large venues.
- **RGBW Full Color:** Features 4-in-1 RGBW (Red, Green, Blue, White) LEDs, offering brighter and purer colors compared to traditional RGB lights, suitable for diverse lighting effects.
- **Flexible Control Modes:** Supports DMX512, Automatic, Sound-Activated, and Master-Slave modes for versatile operation.
- **Adjustable Light Angle with Barn Doors:** Includes four barn doors that can be easily installed to precisely adjust and shape the light beam.
- **Durable Construction:** Made from aluminum, ensuring robustness and longevity.



Image: The Betopper Par Light displayed with icons representing its various control modes: DMX512, Sound-Activated, Automatic, and Master-Slave, highlighting its operational flexibility.



Image: An illustration demonstrating the concept of Color Rendering Index (CRI), showing how colors appear more natural and vibrant under lighting with a CRI of 90 or higher compared to lower CRI lighting.

5. SETUP

1. **Unpacking:** Carefully remove the fixture and all accessories from the packaging. Retain the packaging for future storage or transport.
2. **Attaching Barn Doors:** The four barn doors can be easily attached to the front of the light fixture. Align the hinges of the barn doors with the designated slots on the light and secure them. These are designed to be adjustable to control light spill.
3. **Mounting:** Attach the provided mounting bracket to the sides of the fixture using the included screws. The bracket allows for various mounting options, including floor mounting or truss mounting (clamp not included). Ensure the fixture is securely fastened to a stable surface or structure.
4. **Power Connection:** Connect the power cable to the 'POWER IN' port on the rear of the fixture. Plug the other end into a suitable grounded power outlet.
5. **DMX Connection (Optional):** If using DMX control, connect a DMX cable from your DMX controller 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.

6. OPERATING MODES

The Betopper Par Light offers multiple control modes, accessible via the control panel on the rear of the unit. The control panel typically includes an LED display and buttons for MENU, UP, DOWN, and ENTER.



Image: A detailed diagram illustrating the control panel of the Betopper Par Light, showing the LED display and the function buttons (MENU, UP, DOWN, ENTER) for mode selection and parameter adjustment.

6.1. DMX Mode

DMX512 mode allows for professional control of the fixture's parameters (color, dimming, strobe, etc.) using an external DMX controller. Refer to the DMX channel chart (usually provided in a separate DMX manual or on the manufacturer's website) to understand the specific functions assigned to each DMX channel. Set the DMX address for each fixture using the control panel.

6.2. Automatic Mode

In Automatic mode, the fixture runs through pre-programmed internal light shows and color sequences. This mode is ideal for quick setup without the need for an external controller. Use the control panel to select different auto programs or adjust their speed.

6.3. Sound-Activated Mode

The Sound-Activated mode enables the fixture to react to ambient sound or music. An internal microphone detects sound, and the light effects change in sync with the beat. Adjust the sound sensitivity via the control panel if available.

6.4. Master-Slave Mode

This mode allows multiple fixtures to operate in synchronization without a DMX controller. Connect the fixtures in a daisy chain. Set one fixture as the 'Master' (e.g., in Auto or Sound-Activated mode), and the others as 'Slave'. The slave units will then mimic the master unit's behavior.

6.5. CRI Adjustment

The fixture supports adjustment of the Color Rendering Index (CRI) in specific modes to fine-tune color accuracy. To adjust CRI:

1. Press the **MENU** button.
2. Navigate to the CRI adjustment setting (e.g., 'Ct' or 'CRI' on the display) and press **ENTER**.
3. Use the **UP** or **DOWN** buttons to adjust the CRI value (typically a range from 01-09).
4. Press **ENTER** to confirm your selection.



CRI ≥ 90

BETOPPER 54x4W RGBW LED Par Light

- Bright Lights
- Pure color temperature
- Restore Real Color
- Natural Lighting Source

Adjust the CRI Mode: MENU → CT → UP/DOWN → ENTER



① Press MENU



② Display Ct → Press ENTER



③ Press DOWN/UP



④ Press ENTER

Adjustment range 01-09



Image: A step-by-step visual guide on how to adjust the CRI mode using the light's control panel, showing the display changes from 'MENU' to 'Ct' and then to numerical adjustment.

Lighting Effects

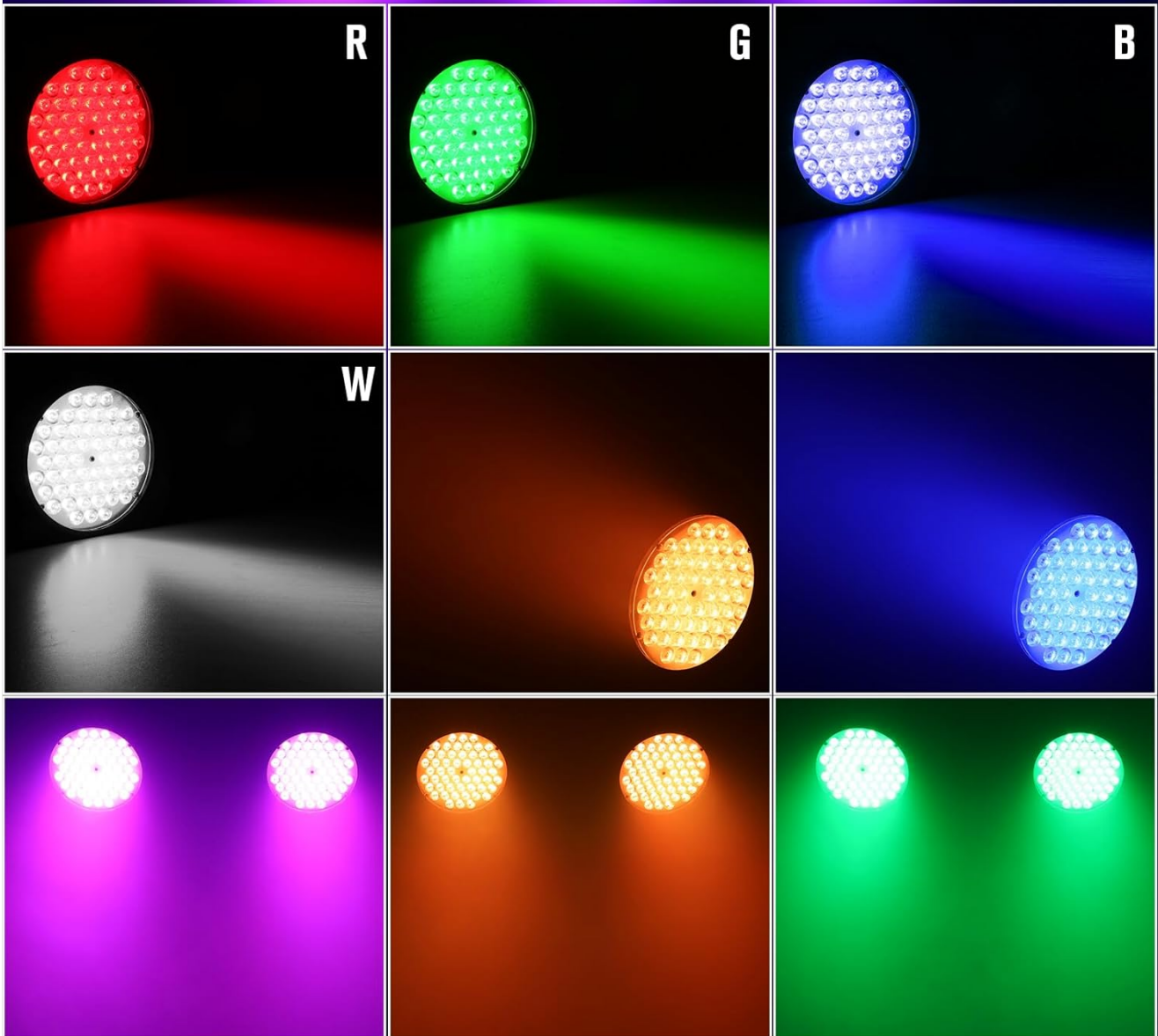


Image: A grid displaying various lighting effects achievable with the Betopper Par Light, including individual colors (Red, Green, Blue, White) and mixed color combinations, demonstrating the fixture's versatility.

7. MAINTENANCE

- **Cleaning:** Regularly clean the lens and housing with a soft, lint-free cloth. For stubborn dirt, use a mild glass cleaner. Ensure the fixture is unplugged and cool before cleaning. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically 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, store the fixture in its original packaging or a suitable flight case in a dry, dust-free environment.
- **No User-Serviceable Parts:** There are no user-serviceable parts inside the fixture. Do not open the housing. Refer all servicing to qualified technicians.

8. TROUBLESHOOTING

If you encounter issues with your Betopper Par Light, consult the following troubleshooting guide:

Problem	Possible Cause	Solution
Fixture does not power on.	No power to the unit; faulty power cable; internal fuse blown.	Check power outlet and cable connection. Try a different power cable. If still no power, contact customer support.
No light output.	Fixture is in blackout mode; dimming level is at 0%; DMX signal issue.	Check control panel settings to ensure not in blackout. Increase dimming level. Verify DMX connection and address.
DMX control not working.	Incorrect DMX address; faulty DMX cable; DMX termination missing; incorrect DMX mode selected.	Verify DMX address matches controller. Test DMX cable. Use a DMX terminator on the last fixture in the chain. Ensure fixture is set to DMX mode.
Sound activation not responding.	Microphone sensitivity too low; no sound detected.	Increase microphone sensitivity via control panel. Ensure sufficient sound is present near the fixture.
Fixture overheating.	Blocked ventilation; operating in high ambient temperature.	Ensure ventilation openings are clear. Operate in a well-ventilated area.

9. SPECIFICATIONS

Feature	Specification
Model Number	LPC010-B-2 (LPC010N-B)
Light Source	54 x 4W RGBW 4-in-1 LEDs
Brightness	Up to 5600 Lumens
Color Rendering Index (CRI)	>90 (in high CRI mode)
Color Temperature	4500 Kelvin
Control Modes	DMX512, Automatic, Sound-Activated, Master-Slave
Material	Aluminum
Product Dimensions	8.6"L x 4"W x 11"H (210mm x 210mm x 212mm)
Item Weight	15.37 pounds (for 2-pack)
Power Source	Corded Electric
Maximum Compatible Light Source Wattage	120 Watts
Mounting Type	Floor Mount (with included bracket)
Included Components	Stage light, Barn doors, Power cable, Mounting bracket, Screws, Instructions

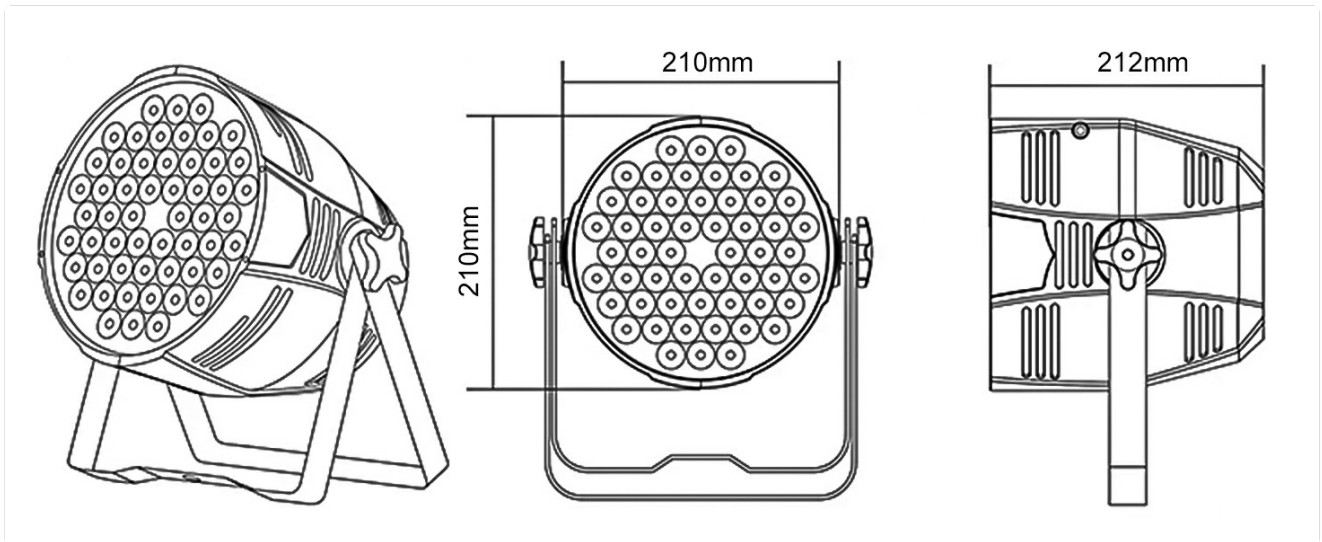


Image: A technical diagram illustrating the precise dimensions of the Betopper Par Light in millimeters, providing measurements for length, width, and height.

10. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries regarding your Betopper 54x4W High CRI Par Light, please contact Betopper customer service through the retailer's platform or visit the official Betopper website. Please have your model number (LPC010-B-2) and purchase details ready when contacting support.