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Betopper LM1915R

BETOPPER Moving Head Light LM1915R User Manual

Model: LM1915R

Introduction

This manual provides essential information for the safe and efficient operation of your BETOPPER LM1915R Moving Head Light. Please read these instructions thoroughly before installation, operation, or maintenance to ensure proper use and to prevent damage to the unit or injury to personnel. This fixture is designed for professional stage lighting applications, offering dynamic RGBW lighting with a light strip effect.

LM1915R RGBW 4in1

Redesigned, Lightweight & Durable Structure



The BETOPPER LM1915R Moving Head Light features 19x15W RGBW LEDs and a dynamic light strip for versatile stage effects.

Safety Instructions

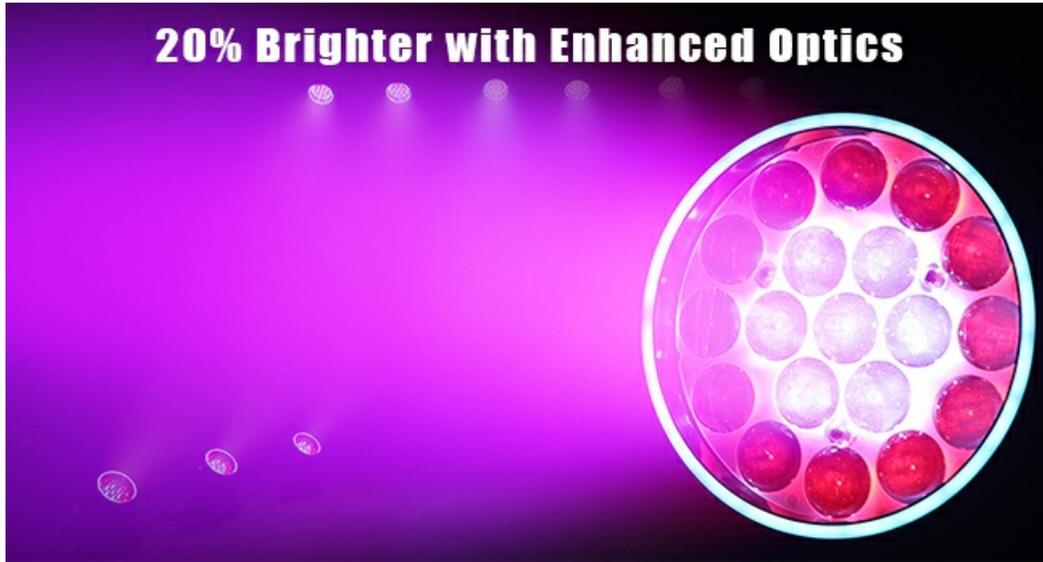
- Always connect the fixture to a grounded circuit.
- Ensure proper ventilation; do not block cooling vents.
- Avoid direct eye exposure to the light source.
- Disconnect power before servicing or cleaning.
- Do not operate the fixture if the power cord is damaged.
- Mount the fixture securely to prevent accidental falls.
- Keep away from flammable materials.
- Refer to a qualified technician for any repairs.

Product Overview

Key Features

- **Dynamic 19 x 15W LED Stage Light:** Features 19x15W multi-layer RGBW LEDs for immersive lighting.

- **Independently Controllable LED Ring:** A dynamic LED ring around the head provides additional multifunctional lighting effects.
- **High Brightness:** Improved light guide technology boosts brightness by 20%, reaching up to 3000 lumens.
- **Versatile Lighting Effects:** RGBW color mixing, zoom function for seamless transitions between wash, focus, and beam, smooth dimming, and strobe effects.
- **Durable and Lightweight Construction:** Fully integrated custom molded construction makes the fixture lighter (14.11lb) yet rugged and portable.
- **Efficient Cooling:** Includes a cooling fan to extend the lifespan of the fixture.



The fixture's head features 19x15W RGBW LEDs and an independently controllable LED ring for diverse lighting effects.

Introduction

LM1915R Front & back



Key components include the optical lens for enhanced brightness, an LCD control screen for easy operation, a stable structure for durability, and an integrated cooling fan.

Dimensions and Weight

Product Size



The fixture measures approximately 43cm (16.93 inches) in height, 32.5cm (12.80 inches) in width, and 21cm (8.27 inches) in depth, with a weight of 6.4 kg (14.11 lbs).

Setup

Unpacking

Carefully unpack the fixture and check for any damage during transit. Ensure all components listed in the packing list are present.

Packing List



The standard package includes the Moving Head Light, power cord, hook accessories, and this instruction manual.

Mounting

The fixture can be mounted on a floor, truss, or stand. Use the provided hook accessories for secure overhead mounting. Ensure the mounting surface or structure can support the weight of the fixture.

Connections

Connect the power cable to a suitable AC power source (AC100V-240V 50-60HZ). For DMX control, connect DMX IN/OUT cables to your DMX controller and other fixtures in a daisy chain.



The rear panel provides DMX IN/OUT, Power IN/OUT, an ON/OFF switch, and a fuse for power protection.

Operating Instructions

Control Panel

The LCD display and control buttons (Up, Menu, Down, Enter) on the base allow for easy navigation through settings and operating modes.

Operating Modes

- **DMX Control:** Connect to a DMX controller to access 15, 24, or 32 DMX channels for precise control over color, movement, zoom, and effects.

- **Auto Mode:** The fixture runs through pre-programmed light shows automatically.
- **Sound-Activated Mode:** The light reacts to music and sound, creating dynamic effects.
- **Master/Slave Mode:** Link multiple fixtures together, with one acting as the master to control the others.

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Video demonstrating the BETOPPER LM1915R 19x15W Wash Moving Head with Halo Ring, showcasing its various color changes and movement capabilities.

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Video showcasing the BETOPPER Stage Lights 19x15W Wash Moving Head with Halo Ring in action, highlighting its dynamic lighting effects and smooth transitions.

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Video illustrating the BETOPPER Moving Head Light, 19x15W RGBW with Light Strip, demonstrating its color mixing and movement.

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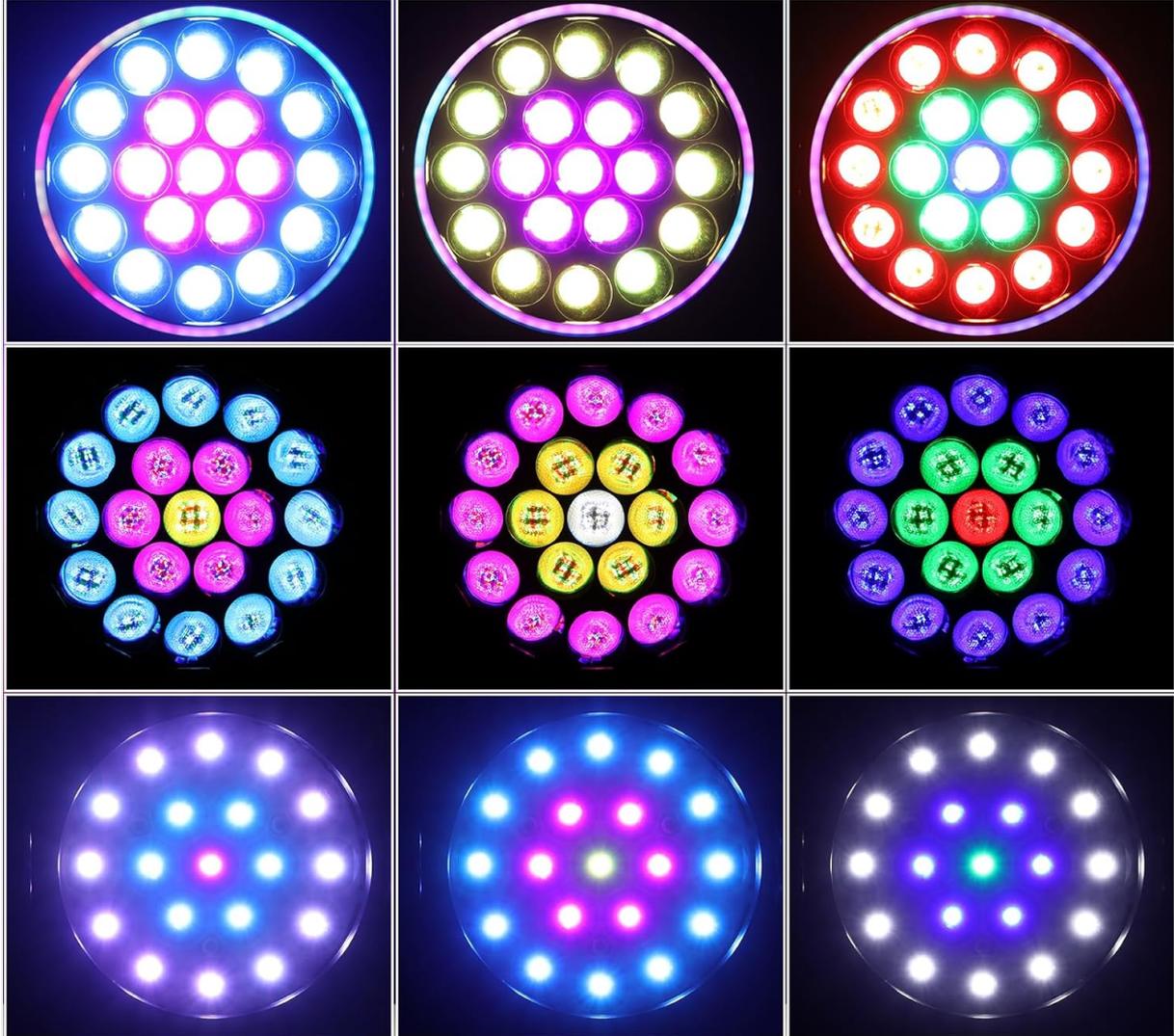
Video displaying the BETOPPER 19x15W Moving Head Lighting Effect, showing various patterns and light beams.

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Video showcasing a demo of Betopper DJ Stage Lights, including RGBW Moving Head and Par lights, demonstrating synchronized effects.

Lighting effect

19*15W Moving Head DJ Light



Examples of RGBW full color effects achievable with the LM1915R, including various solid and mixed color patterns.



19*15W PROFESSIONAL FOCUSING LIGHT



RGBW



ZOOM



WASH



DMX
· 512 ·

The zoom function allows for beam angles from 8 to 60 degrees, providing flexibility for different stage requirements.

Maintenance

- **Cleaning:** Regularly clean the lenses and housing with a soft, lint-free cloth to maintain optimal light output. Do not use abrasive cleaners.
- **Inspection:** Periodically check all screws, connections, and cables for tightness and damage.
- **Storage:** When not in use, store the fixture in a dry, dust-free environment.

Troubleshooting

| Problem | Possible Cause | Solution |
|----------------|--|---|
| No power | Power cable disconnected, fuse blown, power switch off. | Check power connections, replace fuse, ensure power switch is ON. |
| No DMX control | Incorrect DMX address, faulty DMX cable, DMX terminator missing. | Verify DMX address, check cable integrity, use a DMX terminator. |

| Problem | Possible Cause | Solution |
|--------------------|---|--|
| Fixture not moving | Movement locked, DMX signal issue, motor fault. | Check DMX settings, ensure no physical obstructions, contact support if motor fault. |
| Lights flickering | Unstable power supply, DMX signal interference, internal fault. | Ensure stable power, check DMX connections, contact support. |

Specifications

| Attribute | Detail |
|--------------------|--|
| Model Number | LM1915R |
| Light Source | 19x15W RGBW LEDs |
| Light Output | Up to 3000 Lumens |
| Power Source | Corded Electric (AC100V-240V 50-60HZ) |
| Wattage | 285 Watts |
| DMX Channels | 15/24/32CH |
| Movement | Horizontal 540°, Vertical 270° (speed adjustable) |
| Zoom Angle | 8-60 Degrees |
| Material | Aluminum, Plastic |
| Item Weight | 6.4 kg (14.11 lbs) |
| Product Dimensions | 11"L x 4"W x 11"H (approx. 43cm H x 32.5cm W x 21cm D) |

Warranty and Support

Your BETOPPER LM1915R Moving Head Light comes with a manufacturer's warranty. Please refer to the product packaging or the official BETOPPER website for specific warranty terms and conditions. For technical support, troubleshooting assistance, or parts replacement, please contact BETOPPER customer service through the retailer where the product was purchased or visit the official BETOPPER support channels.