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XFALIGHTS 4X100COB

XFALIGHTS 400W LED Par Light (Model 4X100COB) Instruction Manual

Model: 4X100COB | Brand: XFALIGHTS

1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your XFALIGHTS 400W LED Par Light. This device is designed for professional stage lighting applications, offering versatile color mixing and control options. Please read this manual thoroughly before installation and use, and retain it for future reference.

2. SAFETY INFORMATION

- **Electrical Safety:** Always connect the device to a grounded power outlet. Ensure the voltage matches the product's specifications (110 Volts). Disconnect power before cleaning or servicing.
- **Heat Management:** The unit generates heat during operation. Ensure adequate ventilation and do not block cooling vents. Maintain a safe distance from flammable materials.
- **Eye Protection:** Avoid direct eye exposure to the light source, as it can be extremely bright and cause discomfort or injury.
- **Indoor Use Only:** This product is designed for indoor use. Do not expose it to rain, moisture, or extreme temperatures.
- **Mounting:** Ensure the mounting surface or structure can safely support the weight of the fixture (approximately 14.74 lbs). Use appropriate hardware and safety cables.
- **Professional Installation:** Installation and servicing should be performed by qualified personnel.

3. PACKAGE CONTENTS

Upon unpacking, please verify that all items listed below are included and in good condition:

- Stage light x 1
- Power cable x 1

- User manual x 1
- DMX cable x 1
- Bow mount x 1, Screws x 2

Below is an image illustrating the typical package contents:



Image: XFALIGHTS 400W LED Par Light with its power cable, DMX cable, bow mount, mounting screws, and user manual.

4. PRODUCT FEATURES

The XFALIGHTS 400W LED Par Light offers advanced features for dynamic stage lighting:

- **High Brightness COB LEDs:** Equipped with 4 x 100W COB LED beads, providing powerful and uniform light output.
- **RGBWAUV 6-in-1 Color Mixing:** Achieves a wide spectrum of colors, including Red, Green, Blue, White, Amber, and UV, for versatile lighting effects.
- **Multiple Control Modes:** Supports Auto, Sound-Activation, DMX 512, and Master-Slave modes for flexible operation.
- **DMX Channels:** Operates with 6 or 10 DMX channels, allowing for precise control via a DMX controller.
- **Linear Dimming:** Features 0-100% linear dimming for smooth intensity adjustments.
- **Strobe Function:** Capable of up to 25 flashes per second for dynamic strobe effects.
- **Wide Lens Angle:** A 60-degree lens angle ensures broad coverage.
- **Flicker-Free Operation:** Utilizes ultra-high frequency (64kHz) dimmer technology to prevent flicker, suitable for video recording.

- **Durable Construction:** Constructed from aluminum and high-temperature resistant plastic for robust performance.
- **Flexible Mounting:** Includes a frame handle for self-supporting, hanging, or pole mount installations.

Observe the various control modes and color capabilities:



Image: Overview of the XFA LIGHTS 400W LED Par Light's control modes and capabilities.



Image: Visual representation of the light's beam angle and flicker-free technology.

Watch this video for a demonstration of the light's features and effects:

Your browser does not support the video tag.

Video: Demonstration of the XFALIGHTS 4 Eyes LED COB Blinder Lights, showcasing color changes, DMX control, dimming, and strobe effects.

5. SETUP AND INSTALLATION

5.1 Mounting

The fixture can be mounted in various orientations: pole mount, ceiling mount, or placed on a flat surface using the integrated frame handle. Always ensure the mounting location is secure and can support the fixture's weight.

5.2 Connections

The rear panel of the light features power input/output and DMX input/output connections. Use the provided power cable to connect to a suitable power source and the DMX cable for control signal connections.



Image: Rear panel connections and digital display of the XFALIGHTS 400W LED Par Light.

- **Power Connection:** Connect the power cable to the 'POWER IN' socket. For daisy-chaining power to multiple units, use the 'POWER OUT' socket.
- **DMX Connection:** Connect a DMX controller to the 'DMX IN' socket. For daisy-chaining DMX signal to multiple units, use the 'DMX OUT' socket.

6. OPERATING INSTRUCTIONS

6.1 Control Panel

The digital display on the rear panel allows for mode selection and parameter adjustment using the following buttons:

- **MENU:** Navigates through the main menu options.
- **UP:** Increases the selected value or moves up in menu options.
- **DOWN:** Decreases the selected value or moves down in menu options.
- **ENTER:** Confirms the selection or saves settings. Press ENTER twice to save memory and avoid resetting.

6.2 Operating Modes

The light supports four primary control modes:

- **Auto Mode:** The light operates through pre-programmed sequences and color changes automatically.
- **Sound-Activation Mode:** The light reacts to ambient sound, changing patterns and colors in sync with music or audio.
- **DMX 512 Mode:** Allows external control via a DMX controller. The fixture supports 6 or 10 DMX channels for comprehensive control over color, dimming, and effects.
- **Master-Slave Mode:** Connect multiple units where one unit acts as the master, controlling all other connected slave units to synchronize effects.

6.3 Color Mixing, Dimming, and Strobe

- **RGBWAUV 6-in-1:** Access a vast palette of colors by mixing Red, Green, Blue, White, Amber, and UV LEDs.
- **Dimming:** Adjust the light intensity from 0% to 100% smoothly.
- **Strobe:** Activate the strobe effect with adjustable speeds, up to 25 flashes per second.

7. MAINTENANCE

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

- **Cleaning:** Periodically clean the lenses and exterior housing with a soft, lint-free cloth. Do not use abrasive cleaners or solvents. Ensure the unit is powered off and cool before cleaning.
- **Inspection:** Regularly check power and DMX cables for any signs of damage. Ensure all mounting hardware is secure.
- **Ventilation:** Keep ventilation openings clear of dust and debris to prevent overheating.
- **Storage:** When not in use, store the fixture in a dry, dust-free environment.

8. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

- **No Power:**
 - Check if the power cable is securely connected to both the fixture and the power outlet.
 - Verify the power outlet is functional.
- **No Light Output:**
 - Ensure the unit is receiving power.
 - Check the selected operating mode and brightness settings.
 - If in DMX mode, verify DMX signal and address settings.
- **DMX Not Responding:**
 - Ensure DMX cables are correctly connected (DMX IN to DMX OUT).
 - Verify the DMX address and channel mode on the fixture match your controller settings.
 - Check for faulty DMX cables or a malfunctioning DMX controller.

- **Overheating:**

- Ensure adequate ventilation around the fixture.
- Clean any dust or debris from the cooling vents.

If the problem persists, please contact customer support for assistance.

9. TECHNICAL SPECIFICATIONS

Specification	Detail
Brand	XFALIGHTS
Model Number	4X100COB
Light Source Type	Light Emitting Diode (COB LED)
Number of Light Sources	4
Light Source Wattage	400 Watts (4 x 100W)
Color	RGBWAUV 6-in-1
Brightness	7000 Lumens
Voltage	110 Volts
Control Modes	Auto, Sound-Activation, DMX 512, Master-Slave
DMX Channels	6/10 Channels
Dimming	0-100% Linearly
Strobe	25 Flashes per second (any color)
Lens Angle	60 Degrees
Material	Aluminum
Finish Type	Brushed
Product Dimensions	12.48"L x 8.39"W x 15.99"H
Item Weight	14.74 Pounds
Mounting Type	Pole Mount, Ceiling Mount

10. WARRANTY AND SUPPORT

XFALIGHTS is committed to providing high-quality products and customer satisfaction. Your purchase includes the following:

- **30-Day Full Refund Guarantee:** If you are not completely satisfied with your purchase, you may return it within 30 days for a full refund.
- **2-Year Warranty:** We offer a 2-year warranty from the date of purchase. If any quality problems occur within this period, we will send you brand new items for free or provide a full refund.

- **Quick Response Support:** Our customer service team aims to respond to all inquiries within 12 hours. Please contact us via our after-sale email for any questions or support needs. Providing a video or pictures of the issue can help expedite the resolution process.

For customer service inquiries, please refer to the contact information provided with your product or on the official XFALIGHTS website.