Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Fetcoi 200W COB LED Par Light

User Manual: 200W COB LED Audience Blinder Par Light

Model: 200W COB LED Par Light | Brand: Fetcoi

1. Introduction

Thank you for choosing the Fetcoi 200W COB LED Audience Blinder Par Light. This professional-grade stage lighting fixture is designed for various applications, including stage performances, cinema, photography studios, concerts, theaters, and weddings. It features a powerful 200W COB LED light source, offering both warm white and cool white color temperatures, and versatile control modes including DMX-512, Master/Slave, Sound-activated, and Automatic operation.
Please read this manual thoroughly before operating the device to ensure safe and proper use, and retain it for future reference.

2. Safety Information

WARNING: To prevent fire, electric shock, or injury, always follow these safety precautions:

- Ensure the power supply voltage matches the specified voltage (AC 90-240V 50-60Hz) before connecting the unit.
- Always disconnect the power supply before cleaning, servicing, or performing any maintenance.
- Do not operate the device if the power cord is damaged.
- This product is not waterproof. Do not expose it to rain or moisture.
- Maintain a minimum distance of 0.5 meters from flammable materials.
- Ensure proper ventilation. Do not block cooling vents.
- Avoid direct eye exposure to the light source.
- Only qualified personnel should perform repairs.
- The maximum ambient temperature for operation is 40°C.

3. Product Overview

The Fetcoi 200W COB LED Par Light is designed for robust performance and ease of use. Key components include the COB LED light source, adjustable barn doors, a sturdy mounting bracket, and a user-friendly control panel.



Figure 3.1: Front view of the 200W COB LED Par Light with barn doors open.

3.1 Key Features

- **Powerful Illumination:** 200W COB LED light source for bright and consistent output.
- **Color Versatility:** 2-in-1 Warm White and Cool White color temperature options.
- **Multiple Control Modes:** DMX-512, Master/Slave, Sound-activated, and Automatic.
- **User-Friendly Interface:** Digital LED display and clear buttons for easy operation.
- **Adjustable Barn Doors:** Integrated light-blocking leaves to adjust the light angle and illumination area.
- **Efficient Cooling:** Designed with cooling holes for good heat dissipation, ensuring long lamp life.



Figure 3.2: Illustration of the excellent lighting effect, showing the light source (180W COB), total power (200W), and the ability to switch between 6500K Cool White and 3200K Warm White.



Figure 3.3: Detailed view of the user-friendly design, highlighting the DMX-512 control mode, digital display screen, and clear control buttons (MENU, UP, DOWN, ENTER).



Figure 3.4: Close-up of the rear panel, showing DMX IN/OUT (3-pin XLR), AC 90-240V 50/60Hz power input, and the digital display with control buttons.



Figure 3.5: Illustration of the cooling holes for good heat dissipation and the adjustable light-blocking leaves (barn doors) to control the light beam.

4. Setup

4.1 Unpacking and Inspection

1. Carefully unpack the fixture and verify that all components are present and undamaged. The package should contain:
    - 1 x Fetcoi 200W COB LED Par Light
    - 1 x Power Cable (EU plug)
    - 1 x User Manual (this document)
2. Report any missing or damaged parts to your dealer immediately.

4.2 Mounting the Fixture

The fixture can be mounted in various positions (e.g., truss, floor, wall) using its adjustable mounting bracket. Ensure the mounting surface or structure can safely support the weight of the fixture (Gross Weight: 4.5 kg).

- Use appropriate clamps (not included) to secure the fixture to a truss.
- Always use a safety cable (not included) when mounting the fixture overhead.
- Ensure adequate space around the fixture for ventilation.

4.3 Power Connection

Connect the provided power cable to the AC 90-240V 50-60Hz input on the rear of the fixture. Plug the other end into a suitable power outlet.

4.4 DMX Connection (Optional)

For DMX control, connect a 3-pin XLR cable from your DMX controller's output to the DMX IN port on the 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.
DMX Pin Configuration:

Pin 1: Ground

Pin 2: Data -

Pin 3: Data +

5. Operating Instructions

The fixture can be operated via its digital display panel or an external DMX controller.

5.1 Control Panel Operation

The digital LED display and buttons (MENU, UP, DOWN, ENTER) allow you to navigate through settings and select operating modes.

- **MENU:** Press to cycle through the main menu options.
- **UP/DOWN:** Use to adjust values or select options within a menu.
- **ENTER:** Confirm your selection or save changes.

5.2 Operating Modes

The Fetcoi 200W COB LED Par Light supports the following control modes:

- **DMX-512 Mode:** For professional control using a DMX controller. Set the DMX address via the control panel. The fixture uses 6 DMX channels. Refer to the DMX Channel Chart in Section 6 for details.
- **Master/Slave Mode:** Link multiple fixtures together. Set one fixture as "Master" and others as "Slave". The slave units will mimic the master's operation.
- **Sound-Activated Mode:** The light will react to sound or music detected by its internal microphone. Adjust sensitivity if available.
- **Automatic Mode:** The fixture runs through pre-programmed internal shows without external control. Various auto programs may be available.

5.3 Dimmer and Flash Functions

- **Dimmer:** The light offers 0-100% linear adjustable dimming. This can be controlled via DMX or through internal settings in Auto/Sound modes.

- **Flash (Strobe):** The flash rate is adjustable from 0-20 flashes per second (t/s).

6. DMX Channel Chart (6 Channels)

This section outlines the DMX values and corresponding functions for the 6-channel mode.

Channel	Function	Value Range	Description
1	Dimmer	0-255	0-100% linear dimming
2	Strobe	0-255	0-10: No strobe; 11-255: Strobe speed slow to fast
3	Color Temperature	0-255	Adjusts between Warm White and Cool White
4	Operating Mode	0-50	Sound Active Mode
		51-100	Auto Mode 1
		101-150	Auto Mode 2
		151-200	Auto Mode 3
		201-255	Manual Control (via Ch 1-3)
5	Master/Slave	0-127	Slave Mode
		128-255	Master Mode
6	Reset	0-254	No function
		255	Reset all functions

7. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your fixture.

- **Cleaning:** Periodically clean the lens and housing with a soft, lint-free cloth. Do not use abrasive cleaners or solvents. Ensure the fixture is unplugged before cleaning.
- **Ventilation:** Keep cooling vents clear of dust and debris. Use compressed air to gently clear vents if necessary.
- **Cable Inspection:** Regularly inspect power and DMX cables for any signs of damage (cuts, fraying). Replace damaged cables immediately.
- **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

This section addresses common issues you might encounter and their solutions.

Problem	Possible Cause	Solution
No power / Light not turning on	No power from outlet; Damaged power cable; Internal fuse blown	Check power outlet; Replace power cable; Contact qualified technician for fuse replacement

Problem	Possible Cause	Solution
No DMX control	Incorrect DMX address; Faulty DMX cable; DMX controller issue; Incorrect DMX mode selected	Verify DMX address setting; Test/replace DMX cable; Check DMX controller; Ensure fixture is in DMX mode
Light flickers or behaves erratically	Unstable power supply; DMX signal interference; Overheating	Ensure stable power; Check DMX connections/terminator; Ensure proper ventilation, clean vents
Sound-activated mode not working	No sound input; Microphone sensitivity too low; Incorrect mode selected	Ensure sound source is present; Adjust microphone sensitivity; Select Sound-Activated mode
Fixture is hot to touch	Blocked ventilation; Prolonged operation in high ambient temperature	Clear all vents; Ensure ambient temperature is within limits (max 40°C); Allow fixture to cool down

If the problem persists after trying these solutions, please contact customer support.

9. Specifications

Parameter	Value
Input Voltage	AC 90-240V, 50-60Hz
Light Source	200W COB LED
Power Consumption	200W
Lamp Life	100,000 hours
Lens Degree	25°
Color Temperature	Warm White / Cool White (2-in-1)
Control Modes	DMX-512, Master/Slave, Sound-Activated, Automatic
DMX Channels	6 Channels
Control Panel	LED Digital Display
Signal Input/Output	3-pin XLR
Dimmer	0-100% Linear Adjustable
Flash Rate	0-20 t/s
Max Ambient Temperature	40°C
Max Lamp Temperature	60°C
Housing Material	Die-cast Aluminum
Gross Weight	4.5 kg (9.92 lbs)
Package Dimensions (L x W x H)	360 x 250 x 250 mm (14.17 x 9.84 x 9.84 inches)

Parameter	Value
ASIN	B094Q4B8W2
UPC	712004602998

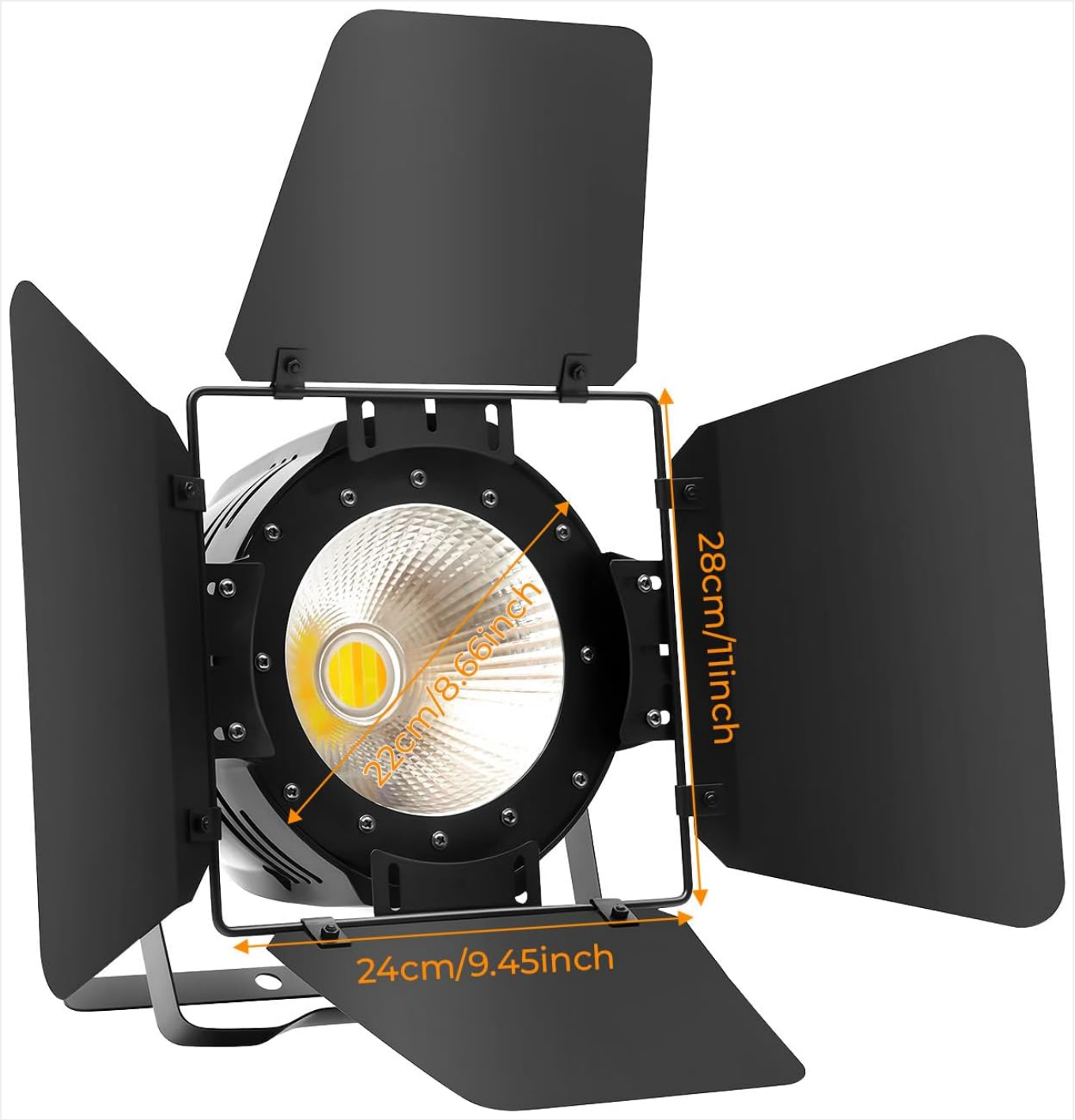

Figure 9.1: Front view dimensions of the fixture.



Figure 9.2: Side view dimension of the fixture.

10. Warranty and Support

Fetcoi products are manufactured to the highest quality standards. This product comes with a standard manufacturer's warranty against defects in materials and workmanship from the date of purchase. Please retain your proof of purchase for warranty claims.

The warranty does not cover damage caused by improper installation, misuse, unauthorized repairs, or acts of nature. For technical support, warranty service, or spare parts information, please contact your local dealer or visit the official Fetcoi website. Please have your product model and ASIN (B094Q4B8W2) ready when contacting support.

Software updates are not guaranteed for this product.

© 2023 Fetcoi. All rights reserved. Information in this manual is subject to change without notice.

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

you@example.com

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

Open the live page

https://manuals.plus/asin/B094Q4B8W2

More documents and user manuals: **https://manuals.plus/**