

## adj Focus Beam LED

# American DJ ADJ Focus Beam LED User Manual

Model: Focus Beam LED (FOC369)

## 1. INTRODUCTION

Thank you for purchasing the ADJ Focus Beam LED. This powerful moving head fixture is designed for professional lighting applications, offering a precise 2.5-degree beam, advanced optical system, and versatile control options. This manual provides essential information for the safe and efficient operation of your device. Please read it thoroughly before installation and use.

## 2. SAFETY INFORMATION

- Always disconnect from power before servicing or cleaning.
- Ensure proper grounding to prevent electrical shock.
- Do not operate if the power cord is damaged.
- Avoid direct eye exposure to the light source.
- Maintain adequate ventilation around the fixture to prevent overheating.
- This product is for indoor use only. Do not expose to rain or moisture.
- Mount the fixture securely using appropriate hardware.

## 3. PRODUCT OVERVIEW

The ADJ Focus Beam LED is equipped with an 80W cool white LED engine, delivering a sharp 7400K beam. Key features include motorized focus, two prism effects (8-facet circular and 6-facet linear), and a built-in frost filter for wash effects. The fixture also boasts a 13-color dichroic wheel and a GOBO wheel with 15 fixed GOBOs.



Figure 3.1: Front view of the ADJ Focus Beam LED with a red beam.



Figure 3.2: Rear view displaying the power and DMX input/output ports.



Figure 3.3: Standard accessories included with the Focus Beam LED.

## Control Panel

The fixture features an on-board function display with 5 touch buttons for easy navigation and setting adjustments. A USB port is also available for firmware updates.





Figure 3.4: Close-up of the control panel and display.

## 4. SETUP

## 4.1 Unpacking

Carefully remove the fixture from its packaging. Inspect for any damage that may have occurred during shipping. If any damage is found, contact your dealer immediately.

## 4.2 Mounting

The Focus Beam LED can be mounted in various orientations (floor, truss, wall) using the included mounting brackets. Ensure the mounting surface or truss can support the weight of the fixture. Always use a safety cable when mounting overhead.



Figure 4.1: Underside of the fixture with mounting points.

## 4.3 Power Connection

Connect the included Seetronic locking power cable to the 'POWER IN' port on the rear of the fixture. The unit supports multi-voltage operation (AC 100-240V, 50-60Hz). Multiple units can be daisy-chained using the 'POWER OUT' port (max 15 units @ 120V; 30 units @ 230V).

## 4.4 DMX Connection

Use 5-pin DMX cables to connect the fixture to a DMX controller or other DMX-compatible devices. Connect the DMX output of your controller to the 'DMX IN' port of the first fixture. Daisy-chain subsequent fixtures by connecting the 'DMX OUT' of one fixture to the 'DMX IN' of the next.

# 5. OPERATING

## 5.1 Control Panel Navigation

Use the touch buttons on the display to navigate through menus and adjust settings. The display provides feedback on current modes, DMX address, and other parameters.

## 5.2 DMX Control

The Focus Beam LED supports 16 and 18 DMX channel modes. Refer to the DMX channel chart in the appendix (not included in this manual) for detailed control parameters. Ensure the DMX address is set correctly on each fixture.

## 5.3 Features Adjustment

- **Dimming:** Adjust brightness from 0-100% with various dimming modes (Standard, Stage, TV, Architectural, Theatre & Stage 2) and dim speed control.
- **Motorized Focus:** Adjust the sharpness of the beam.
- **Frost Filter:** Engage the linear frost filter for a wash effect (0-100%).
- **Color Wheel:** Select from 13 dichroic colors plus white.
- **GOBO Wheel:** Choose from 15 fixed GOBOs or use the GOBO shake effect.
- **Prism Effects:** Activate the rotatable 8-facet circular prism or the rotatable 6-facet linear prism. Both are indexable and offer an overlay feature.

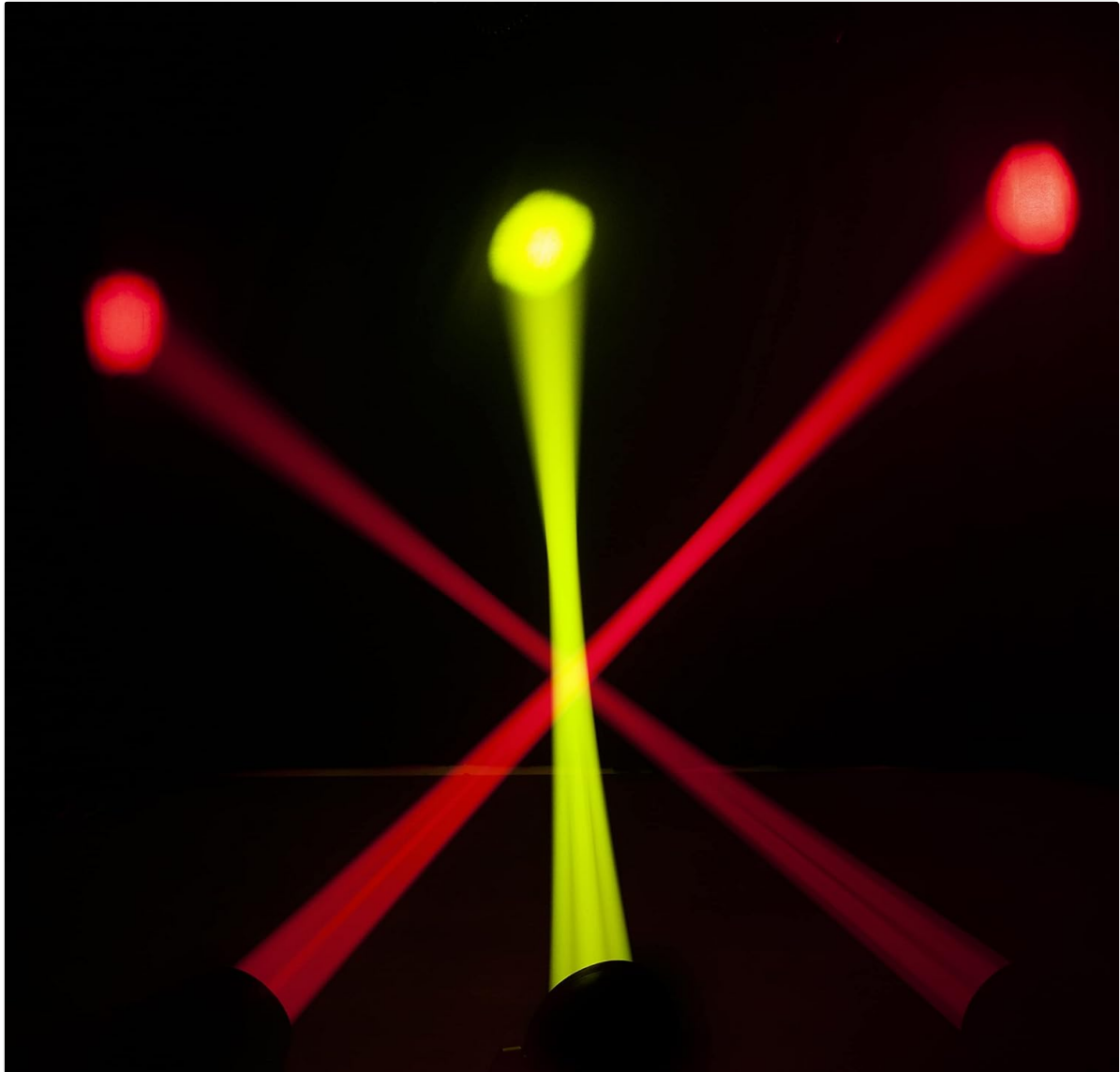


Figure 5.1: Example of multiple beams and colors.

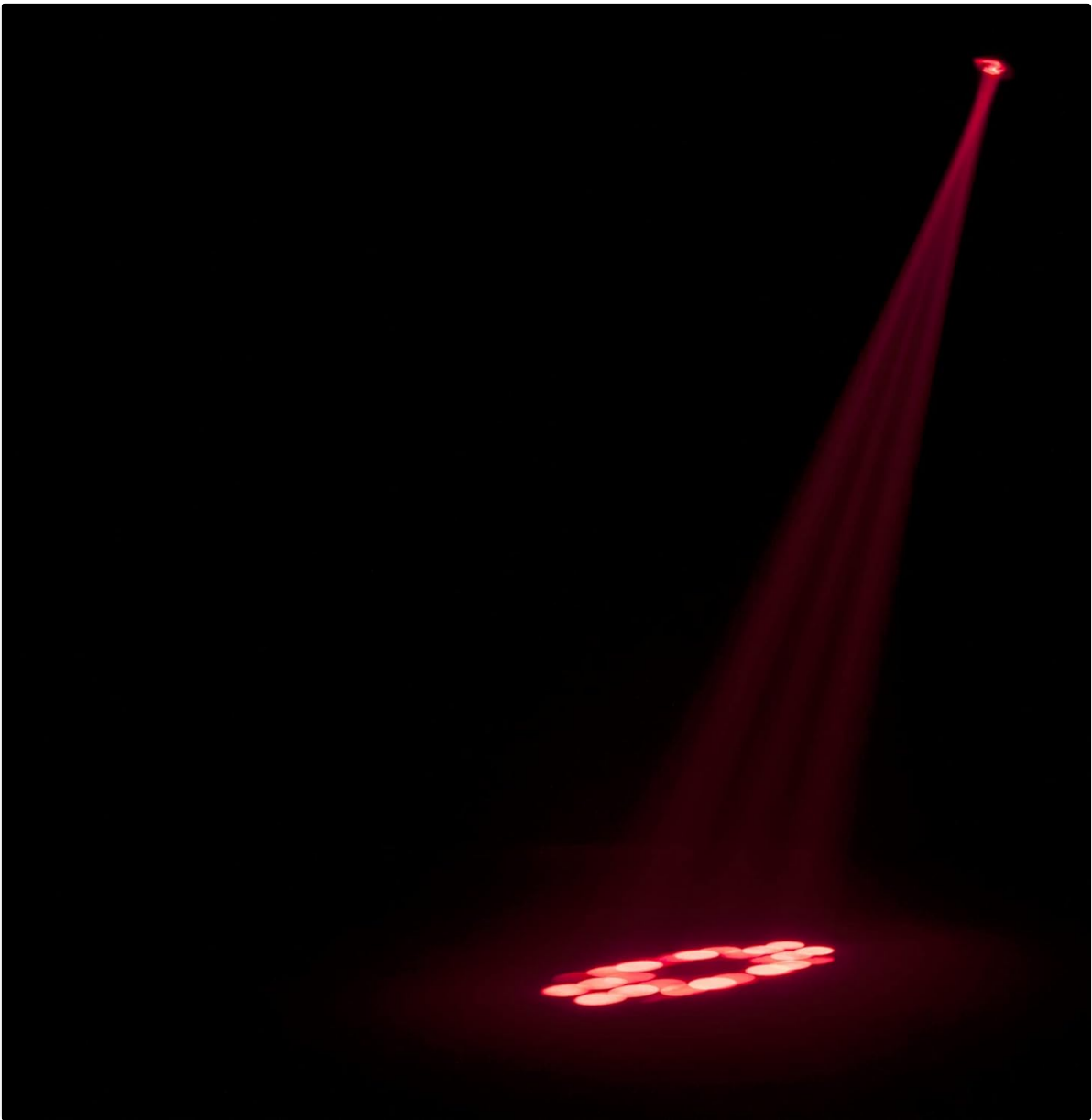


Figure 5.2: Red beam demonstrating the 8-facet circular prism effect.



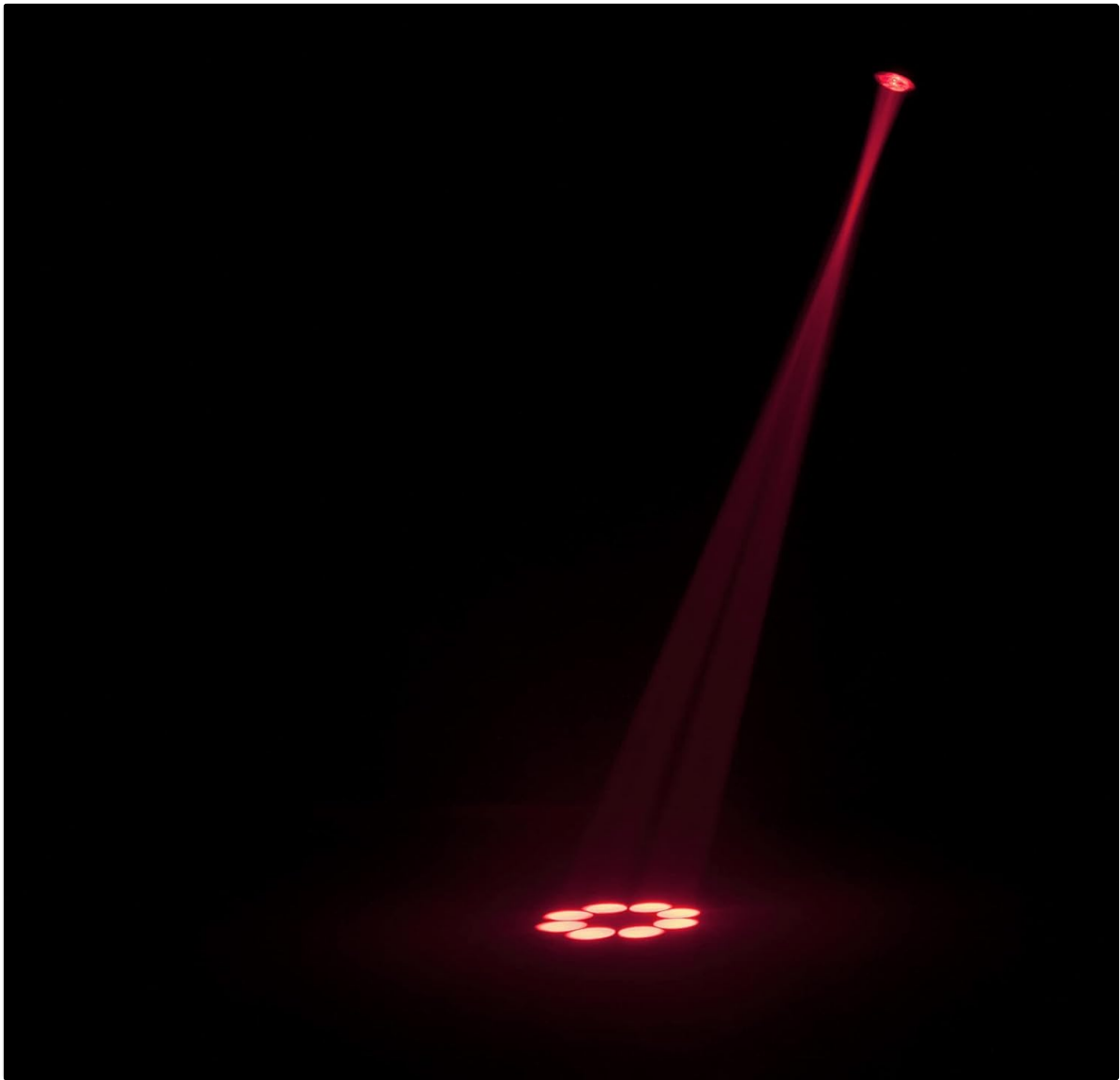


Figure 5.3: Red beam demonstrating the 6-facet linear prism effect.

## 6. MAINTENANCE

---

### 6.1 Cleaning

Regular cleaning of the fixture's exterior and optical components is recommended to maintain optimal performance. Use a soft, lint-free cloth and a mild glass cleaner. Do not use abrasive materials.

### 6.2 Firmware Updates

The fixture features a USB port for convenient firmware updates. Check the manufacturer's website for the latest firmware versions and instructions.

## 7. TROUBLESHOOTING

---

- **No Power:** Check power cable connection, power outlet, and fixture fuse.
- **No DMX Control:** Verify DMX cable connections, DMX address settings, and DMX controller functionality. Ensure DMX termination is used if necessary.
- **Fixture Not Responding:** Try resetting the fixture by cycling power. If issues persist, check for error messages on the display.






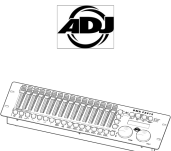
- **Intermittent Operation:** Check for loose connections or power fluctuations.

## 8. SPECIFICATIONS

Feature	Specification
Light Source	1x 80W Cool White LED Engine
Beam Angle	2.5 Degrees
Color Temperature	7400K
LED Life	50,000 Hour Average
Control Protocol	DMX & RDM
DMX Modes	16 & 18 Channels
Dim Modes	6 Presets
Dimming	0 - 100%
Prisms	Rotatable 8-facet Circular & 6-facet Linear
Color Wheel	13 Dichroic Colors + White
GOBO Wheel	15 Fixed GOBOs + Open
Power Input	AC 100-240V, 50-60Hz
Max Power Consumption	136W @ 120V
DMX Connections	5-pin Locking XLR In & Out
Power Connections	Seetronic Locking Power In & Out
Item Weight	2 pounds
Dimensions	23.1 x 16.5 x 13.1 inches (Package)

## 9. WARRANTY & SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official ADJ website. Do not attempt to service this unit yourself; doing so will void your warranty.

 <p>ADJ HYDRO PROFILE</p> <p>User Manual</p>	<p><a href="#">ADJ Hydro Profile User Manual - Comprehensive Guide</a></p> <p>Explore the ADJ Hydro Profile, a weather-proof LED moving head profile fixture. This user manual provides detailed instructions on installation, operation, safety guidelines, DMX setup, and maintenance for optimal performance.</p>
 <p>ADJ FOCUS SPOT THREE Z PEARL</p>	<p><a href="#">ADJ Focus Spot Three Z Pearl User Instructions</a></p> <p>User instructions and technical specifications for the ADJ Focus Spot Three Z Pearl moving head LED lighting fixture. Covers setup, operation, DMX control, safety, and maintenance.</p>
 <p>ADJ INNO POCKET SPOT</p> <p>Bedienungsanleitung</p>	<p><a href="#">ADJ Inno Pocket Spot LED Moving Head User Manual</a></p> <p>Comprehensive user manual for the ADJ Inno Pocket Spot LED Moving Head, detailing setup, operation modes (DMX, Master/Slave, Sound Active, Show), menu navigation, safety guidelines, maintenance, and technical specifications. Optimize your lighting effects with this versatile fixture.</p>
 <p>ADJ VIZI PIX Z19</p> <p>User Manual</p>	<p><a href="#">ADJ Vizi Pix Z19 User Manual: Professional Moving Head Lighting Fixture</a></p> <p>User manual for the ADJ Vizi Pix Z19, a professional moving head lighting fixture featuring 19x 30W RGBL LEDs, pixel control, motorized zoom, and advanced color mixing. Includes installation, setup, and operation details.</p>
 <p>ADJ DMX OPERATOR</p>	<p><a href="#">ADJ DMX Operator User Manual: Lighting Control Guide</a></p> <p>Comprehensive user manual for the ADJ DMX Operator, detailing controls, functions, programming scenes and chases, DMX addressing, MIDI operation, and troubleshooting for stage lighting control.</p>
 <p>ADJ DMX FX512</p> <p>Manuel d'Utilisateur</p>	<p><a href="#">ADJ DMX FX512 Manuel d'Utilisateur</a></p> <p>Ce manuel d'utilisateur fournit des instructions détaillées sur l'utilisation, la configuration et la maintenance du contrôleur d'éclairage professionnel ADJ DMX FX512. Découvrez ses caractéristiques, ses fonctionnalités DMX et RDM, et comment optimiser vos spectacles lumineux.</p>