

**adj 64 LED Pro black**

# American DJ 64 LED Pro Par Can Instruction Manual

Model: 64 LED Pro black | Brand: ADJ

## INTRODUCTION

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The American DJ 64 LED Pro Par Can is a versatile lighting fixture designed for professional stage and event applications. This unit features RGB LED color mixing, offering a wide spectrum of colors to enhance any performance or atmosphere. Its LED technology ensures low power consumption and minimal heat output, making it an efficient and safe alternative to traditional par cans. This manual provides essential information for the safe and effective operation, setup, and maintenance of your 64 LED Pro Par Can.



Figure 1: Front view of the American DJ 64 LED Pro Par Can, showcasing its illuminated RGB LEDs.

## KEY FEATURES

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- Black L.E.D. Par Can with RGB Color mixing capabilities.
- Multiple operational modes: DMX mode (6 DMX channels), Sound Activation, Auto Mode, and RGB Mode.
- Designed to produce minimal heat, making it suitable for stages where traditional par cans might cause discomfort to performers.
- Electronic Dimming (0 - 100%) for precise light intensity control.
- Strobing Features for dynamic lighting effects.
- Long-life LEDs contribute to reduced maintenance and extended product lifespan.

- Low power consumption for energy efficiency.
- Low heat output, enhancing safety and comfort.

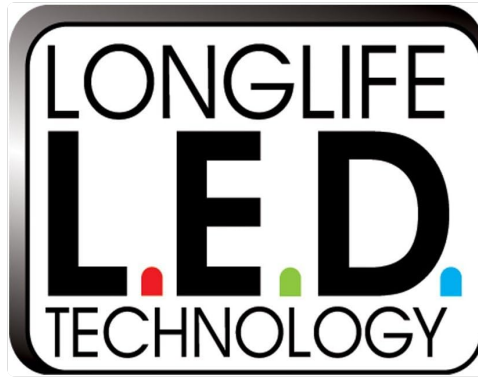


Figure 2: The "Longlife LED Technology" logo, highlighting the product's durable and efficient LED design.

## SETUP

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1. **Unpacking:** Carefully remove the fixture from its packaging. Ensure all components are present and undamaged.
2. **Mounting:** Securely attach the fixture to a truss, ceiling, or stand using appropriate clamps and safety cables. Ensure the mounting surface can support the weight of the fixture.
3. **Power Connection:** Connect the power cord to a suitable AC power outlet. Verify that the voltage matches the fixture's requirements (refer to specifications).
4. **DMX Connection (Optional):** For DMX control, connect a DMX cable from your DMX controller's output to the DMX IN port on the fixture. If linking multiple fixtures, connect from the fixture's DMX OUT to the next fixture's DMX IN. Terminate the last fixture in the chain with a DMX terminator.



Figure 3: Rear view of the fixture, displaying the DMX input/output ports and the digital control panel.

## OPERATION

The 64 LED Pro Par Can offers several operational modes, allowing for flexible control and integration into various lighting setups.

### Operational Modes:

- **DMX Mode (6 DMX Channels):** This mode allows for precise control over the fixture's functions using a DMX controller. Functions typically include Red, Green, Blue intensity, master dimmer, strobe, and mode

selection. Refer to the DMX channel chart in the full user manual for specific assignments.

- **Sound Activation Mode:** In this mode, the fixture reacts to ambient sound, changing colors and patterns in sync with music or audio. Sensitivity can often be adjusted via the control panel.
- **Auto Mode:** The fixture cycles through pre-programmed internal shows and color changes automatically. Speed and specific programs may be selectable via the control panel.
- **RGB Mode:** Allows direct control over the Red, Green, and Blue LED intensities to create custom colors without a DMX controller.

### Electronic Dimming and Strobing:

The fixture supports 0-100% electronic dimming, enabling smooth transitions and precise brightness adjustments. The strobing feature allows for rapid flashing effects, with adjustable speed, adding dynamic visual elements to your lighting design.



Figure 4: The fixture emitting a blend of red and green light, demonstrating its color mixing capabilities.





Figure 5: Example of the par can illuminating a guitar with red light.



Figure 6: Example of the par can illuminating a guitar with pink light.



Figure 7: Example of the par can illuminating a guitar with blue light.

## MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your 64 LED Pro Par Can.

- **Cleaning:** Periodically clean the lens and exterior casing with a soft, lint-free cloth. Do not use abrasive cleaners or solvents. Ensure the fixture is unplugged before cleaning.
- **Inspection:** Regularly inspect power cables, DMX cables, and mounting hardware for any signs of wear, damage, or loose connections. Replace damaged components immediately.
- **Ventilation:** Ensure that the ventilation openings are clear of dust and debris to prevent overheating.



## TROUBLESHOOTING

Problem	Possible Cause	Solution
No power to the fixture.	Power cable disconnected; no power from outlet; blown fuse.	Check power cable connection; test outlet with another device; check and replace fuse if necessary.
No light output.	Fixture in blackout mode; dimmer setting at 0%; DMX signal issue.	Check fixture's display for blackout status; increase dimmer setting; verify DMX connections and address.
Incorrect color or erratic behavior in DMX mode.	Incorrect DMX address; faulty DMX cable; DMX signal interference.	Verify DMX address matches controller setting; try a different DMX cable; ensure DMX chain is properly terminated.
Sound activation not working.	Microphone sensitivity too low; no sound input.	Adjust microphone sensitivity setting; ensure sufficient sound is present near the fixture.

## SPECIFICATIONS

Model Number	64 LED Pro black
Product Dimensions	53.34 x 35.56 x 35.56 cm
Item Weight	3.63 kg (8 Pounds)
Colour	Black
Material	Metal
Power Source	Corded Electric
Light Source Type	Light Emitting Diode (LED)
Maximum Compatible Light Source Wattage	31 Watts
Manufacturer	American DJ Group of Companies
Date First Available	August 7, 2012

## WARRANTY INFORMATION

The American DJ 64 LED Pro Par Can typically comes with a manufacturer's warranty. While specific terms may vary, many ADJ products, including this model, are known to offer a 3-year limited warranty covering defects in materials and workmanship. Please retain your proof of purchase. For detailed warranty terms and conditions, including registration requirements and claim procedures, please refer to the official warranty documentation included with your product or visit the official American DJ website.

## CUSTOMER SUPPORT

For technical assistance, service, or parts inquiries regarding your American DJ 64 LED Pro Par Can, please contact American DJ Group of Companies customer support. You can typically find contact

information, including phone numbers and email addresses, on the official ADJ website or in the packaging materials.

**Manufacturer:** American DJ Group of Companies

**Website:** [www.adj.com](http://www.adj.com) (Please verify the current official website for support contact details.)