

ADJ MEGA FLASH DMX+RockPAR50

American DJ Mega Flash DMX & Rockville RockPAR50 User Manual

Model: MEGA FLASH DMX+RockPAR50 | Brand: ADJ & Rockville

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective operation of your American DJ Mega Flash DMX 800w Compact DMX Strobe Light and Rockville RockPAR50 LED RGB Compact Par Can DJ/Club DMX Wash Light. Please read this manual thoroughly before use to ensure proper setup, operation, and maintenance. This package combines a powerful strobe effect with a versatile LED wash light, designed for various lighting applications in clubs, stages, and events.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the units:

- **Electrical Safety:** Ensure the power supply matches the unit's requirements (110-240V/50-60Hz). Always disconnect power before servicing or cleaning.
- **Heat Warning (Mega Flash DMX):** The strobe lamp generates significant heat. The surface temperature can reach up to 90°C. Allow at least 15 minutes for the unit to cool down before handling or attempting lamp replacement.
- **Flammable Materials:** Maintain a minimum safety distance of 0.5 meters (1.6 feet) from flammable materials.
- **Ventilation:** Ensure adequate ventilation around both units. Do not block ventilation openings.
- **Eye Protection:** Avoid direct eye exposure to the light source, especially the strobe light, as it can cause discomfort or temporary vision impairment.
- **Mounting:** Securely mount the units using appropriate brackets and hardware. Ensure the mounting surface can support the weight of the fixtures.
- **Indoor Use Only:** These units are designed for indoor use (IP grade 20). Do not expose them to rain or moisture.



Figure 2.1: Side view of the Mega Flash DMX strobe light with safety warnings.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- (1) American DJ Mega Flash DMX 800-Watt Compact DMX Strobe Light with Sound Sensor
- (1) Rockville RockPAR50 LED RGB Compact Par Can DJ/Club DMX Wash Light with Dual Bracket



Figure 3.1: Overview of the American DJ Mega Flash DMX and Rockville RockPAR50 units.

4. SETUP

4.1 Physical Setup

Both units come with versatile mounting options. The Mega Flash DMX includes a hanging bracket, and the RockPAR50 features a double-bracket that functions as both a floor stand and a hanging bracket.

- **Mounting:** Securely attach the units to a truss, ceiling, or wall using appropriate clamps and safety cables. Ensure the mounting location is stable and can support the weight. For floor use, position the RockPAR50 on a flat, stable surface.
- **Power Connection:** Connect the included power cables to the power input on each unit and then to a suitable power outlet. The RockPAR50 also features power input and output for daisy-chaining multiple units.



Figure 4.1: Rear panel of the Mega Flash DMX strobe light.



Figure 4.2: Rear view of the Rockville RockPAR50 LED Par Light.

4.2 DMX Connection

Both units support DMX-512 protocol for advanced control via a DMX controller.

- Connect a DMX cable from the DMX OUT of your controller to the DMX IN of the first 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.
- Ensure the DMX address is set correctly on each fixture according to your DMX controller's setup.

5. OPERATING INSTRUCTIONS

5.1 American DJ Mega Flash DMX Strobe Light

The Mega Flash DMX offers both DMX control and manual operation.

- **DMX Control:** The unit uses 2 DMX channels for speed and dimming. Refer to the DMX chart in your DMX controller's manual for specific channel assignments.
- **Manual Control:** Use the speed and dimmer control knobs located on the rear of the unit for direct adjustment of flash rate and intensity (0-100% dimming).
- **Sound Active Mode:** The built-in microphone allows the strobe to flash in sync with music or ambient sound.

5.2 Rockville RockPAR50 LED RGB Par Light

The RockPAR50 provides various operation modes and color mixing capabilities.



Figure 5.1: Front view of the Rockville RockPAR50 LED Par Light.

- **Operation Modes:** The RockPAR50 supports Auto, Voice-Activated, Master-Slave, and DMX512

modes. It also features dedicated modes for Strobe, Color Change, Color Fade, Dimmer, and ID Address.

- **Color Mixing:** Achieve 16.7 million different color variations by mixing the red, green, and blue LEDs. This can be controlled via DMX or through static color settings.
- **Strobe Effect:** An adjustable speed strobe effect is available.
- **Automated Programs:** Built-in automated programs can be run via master/slave configuration or DMX, with variable speed control.
- **Control Panel:** Use the digital display and buttons on the bottom of the unit to navigate menus and select modes.



Figure 5.2: Bottom view of the Rockville RockPAR50 LED Par Light control panel.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your lighting fixtures.

- **Cleaning:** Periodically clean the exterior of the units with a soft, dry cloth. For lenses and reflectors, use a soft cloth and a mild glass cleaner. Ensure units are unplugged and cool before cleaning.

- **Lamp Replacement (Mega Flash DMX):** The Mega Flash DMX uses a ZB-800, 800W lamp. To replace, ensure the unit is unplugged and has cooled for at least 15 minutes. Loosen the screws indicated for lamp replacement, carefully remove the covers, and replace the lamp. Refer to the safety section for warnings regarding hot surfaces.
- **LED Life (RockPAR50):** The RockPAR50 LEDs have a long lifespan of 20,000 – 100,000 hours, minimizing the need for frequent replacement.
- **Fan Cleaning:** Ensure cooling fans (if present) are free from dust and debris to maintain proper airflow.

7. TROUBLESHOOTING

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

- **No Power:**
 - Check power cable connection to the unit and wall outlet.
 - Verify the power outlet is active.
 - Check the fuse on the unit (if applicable) and replace if blown.
- **No Light Output:**
 - Ensure the dimmer/intensity is not set to 0%.
 - For Mega Flash DMX, check if the lamp is burnt out and replace if necessary.
 - For RockPAR50, ensure the correct mode is selected (e.g., not in DMX mode without a DMX signal).
- **DMX Control Issues:**
 - Verify DMX cable connections and ensure they are secure.
 - Check DMX address settings on the fixture and controller.
 - Ensure DMX termination is used for long cable runs.
 - Test with a different DMX cable or controller.
- **Sound Active Mode Not Responding (Mega Flash DMX):**
 - Ensure the sound active mode is enabled.
 - Increase the volume of the audio source or move the unit closer to the sound.

8. SPECIFICATIONS

Feature	American DJ Mega Flash DMX	Rockville RockPAR50
Brand	ADJ	Rockville
Model Number	MEGA FLASH DMX+RockPAR50 (Combined Package)	
Light Source Type	ZB-800 Lamp	LED (18 x 1W RGB)

Feature	American DJ Mega Flash DMX	Rockville RockPAR50
Light Source Wattage	800W	18W (Total)
Power Source	Corded Electric (110-240V/50-60Hz)	
Dimensions (LxWxH)	4" x 15.5" x 8.5" (102 x 394 x 216mm)	7.28" x 7.01" x 4.33"
Weight	5 lbs (2.2 kgs)	1.43 lbs
DMX Channels	2 Channels (Speed, Dimming)	3 or 6 Channels
Dimming Control	0-100%	0-100%
Sound Active	Yes (Built-in microphone)	Yes
Operation Modes	DMX, Manual, Sound Active	Auto, Voice-Activated, Master-Slave, DMX512, Strobe, Color Change, Color Fade, Dimmer, ID Address, Color Mixing
IP Grade	20 (Indoor Use Only)	

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official ADJ and Rockville websites. Keep your proof of purchase for any warranty claims.