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› Rockville STAGE PANEL 864 LED RGB Pro Stage Wash Light Instruction Manual

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Model: STAGE PANEL 864

INTRODUCTION

The Rockville STAGE PANEL 864 is a versatile LED stage fixture designed to provide wash, strobe, and matrix effects from a single compact unit. It features 864 tri-color RGB 5050 LEDs and 96 dedicated white strobe LEDs, powered by a 38V / 280W system. This panel offers smooth 32-bit dimming, a powerful strobe range, and 16 individually controllable RGB sections for dynamic lighting designs. It supports various control options, making it suitable for diverse applications from small venues to large stage productions.



Figure 1: Front view of the STAGE PANEL 864 displaying multiple colors.

SETUP

Unpacking and Inspection

Carefully unpack the fixture and inspect it for any damage that may have occurred during shipping. If any damage is found, contact your dealer immediately. Ensure all components listed in the package contents are present.

Mounting

The STAGE PANEL 864 is designed for easy installation. Use the included hanging bracket to mount the fixture on truss systems or lighting stands. Ensure the mounting surface or structure can safely support the weight of the fixture. Always use a safety cable when mounting overhead.

Connections

Connect the power cable to the 'POWER IN' port on the rear of the unit. For linking multiple units, use the 'POWER OUT' port to daisy-chain power to additional fixtures. For DMX control, connect a DMX cable from your DMX controller to the 'DMX IN' port. Use the 'DMX OUT' port to daisy-chain DMX signal to other fixtures.



Figure 2: Rear panel of the STAGE PANEL 864, illustrating power and DMX input/output ports, and the control display.

OPERATING INSTRUCTIONS

The STAGE PANEL 864 offers multiple control modes to suit various applications and user preferences.

Control Modes

- **DMX512 Control:** Provides detailed control over all fixture functions. Available DMX channel modes include 4, 11, 32, and 39 channels. RDM (Remote Device Management) is also supported for advanced configuration.
- **Automated Programs:** Built-in programs allow for quick and easy setup without an external controller.
- **Sound-Activated Mode:** The fixture reacts to music and sound, creating dynamic light shows synchronized with audio.
- **Master/Slave Operation:** Link multiple units together to synchronize patterns and strobes across the stage. Configure one unit as the master and others as slaves.

Lighting Effects

The STAGE PANEL 864 combines several effects for comprehensive stage lighting:

- **Matrix Effect:** Control 16 individual blocks of LEDs independently. This allows for creating flowing patterns, stacking color blocks, or snake-like effects. This can be combined with the strobe effect for enhanced visuals.
- **Stage Washing:** Illuminate the stage with a single, stationary color (e.g., red, blue, white) to set atmospheric moods.

Colors can be changed throughout a performance. The bright LEDs ensure wide coverage.

- **Strobe Effect:** The fixture features extremely bright white strobe LEDs. The strobe can be used independently, in sync with the entire LED panel, or in combination with stage washing. For example, a red wash with a central strobe creates a powerful visual. The strobe frequency is adjustable from 1-30 Hz.



Figure 3: The STAGE PANEL 864 demonstrating a matrix effect with distinct colored sections.

Dimming

The fixture features 32-bit linear dimming, allowing for smooth intensity adjustments from 0% to 100%.

DMX Channel Allocation

In 39-channel DMX mode, 4 channels are dedicated to the strobe effect, while the remaining 35 channels control the color-changing LEDs and other functions. Refer to the detailed DMX chart in the full user manual for specific channel assignments.

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Video 1: Official product video demonstrating the features and operation of the Rockville STAGE PANEL 864.

MAINTENANCE

Cleaning

To maintain optimal light output and extend the lifespan of the fixture, regularly clean the lenses and housing. Use a soft, lint-free cloth and a mild cleaning solution. Avoid abrasive cleaners or solvents. Ensure the fixture is powered off and disconnected before cleaning.

Storage

When not in use, store the fixture in a dry, dust-free environment. If transporting, use appropriate protective cases to prevent damage.

Safety

Always ensure proper ventilation around the fixture. Do not obstruct the fan on the rear panel. Avoid looking directly into the light source from close distances, especially when the strobe effect is active, as it can be extremely bright.

TROUBLESHOOTING

- **No Power:**
 - Check if the power cable is securely connected to both the fixture and the power outlet.
 - Verify the power source is active.
 - Check the fuse on the fixture, if applicable.
- **No Light Output:**
 - Ensure the fixture is powered on.
 - Check the selected operating mode (e.g., DMX, Auto, Sound). If in DMX mode, verify DMX signal presence and correct addressing.
 - Adjust dimmer settings to ensure brightness is not set to 0%.
- **DMX Control Issues:**
 - Verify DMX cable connections are secure and correctly oriented (IN to OUT).
 - Ensure the DMX address on the fixture matches the address set on your DMX controller.
 - Check for proper DMX termination at the end of the DMX chain.
 - Try a different DMX cable or port on your controller.
- **Sound-Activated Mode Not Working:**
 - Ensure the sound-activated mode is selected.
 - Increase the sensitivity setting if available.
 - Verify there is sufficient audio input for the fixture to react.

SPECIFICATIONS

Feature	Specification
Model Number	STAGE PANEL 864
Light Source Type	LED
Number of Light Sources	864 (RGB) + 96 (White Strobe)
Power	280 Watts
Voltage	38 Volts
Amperage	7.37 Amps
Dimming	32-bit linear (0-100%)

Feature	Specification
Strobe Frequency	1-30 Hz
DMX Channels	4, 11, 32, 39
Control Options	DMX512, Automated Programs, Sound-Activated, Master/Slave, RDM
Material	Iron
Finish Type	Painted
Mounting Type	Hanging (with included bracket)
Dimensions (L x W x H)	21.06" x 12" x 6.3" (approximate)
Weight	7.94 lb (approximate)
IP Rating	IP20 (Indoor use)
Certifications	UL Listed

WARRANTY

The Rockville STAGE PANEL 864 is covered by a **1-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty information provided with your product or contact Rockville customer support.

SUPPORT

For technical assistance, troubleshooting, or service inquiries, please contact Rockville customer support. You can typically find contact information on the official Rockville website or in the packaging materials included with your product. When contacting support, please have your model number (STAGE PANEL 864) and purchase details ready.