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> Chauvet COLORado 2-Quad Zoom Tour 14x15-Watt RGBW LED Instruction Manual

CHAUVET DJ COLORado 2-Quad Zoom Tour



CHAUVET DJ COLORado 2-Quad Zoom Tour

INSTRUCTION MANUAL

1. Product Overview

The CHAUVET DJ COLORado 2-Quad Zoom Tour is a robust PAR-style lighting fixture designed for professional stage and event applications. It features fourteen 15-watt quad-color RGBW LEDs, providing a wide spectrum of vibrant colors.

Key features include a versatile zoom range of 110 to 430, allowing for use as both a focused beam and a wide flood light. The fixture offers nine distinct dimming curves for precise control over light intensity. Connectivity is ensured with secure Neutrik powerCON input/output and both 3-pin and 5-pin DMX input/output connections, making it suitable for demanding touring environments due to its durable construction.



Image: Front view of the CHAUVET DJ COLOrado 2-Quad Zoom Tour, showcasing its fourteen illuminated RGBW LEDs emitting a blue light, and the sturdy mounting yoke.

2. Safety Information

Always read and understand all instructions before installing, operating, or maintaining this product. Failure to do so may result in injury or damage to the product.

- **Power Connection:** Connect the product to a grounded circuit. Use only the specified power supply.
- **Ventilation:** Ensure adequate ventilation around the fixture. Do not block ventilation openings.
- **Temperature:** Do not operate the product in environments exceeding 450C (1130F).
- **Mounting:** Securely mount the fixture using appropriate hardware. Always use a safety cable when mounting overhead.
- **Eye Safety:** Avoid direct eye exposure to the light source when the product is on.
- **Maintenance:** Disconnect from power before cleaning or servicing. Refer all servicing to qualified personnel.

3. Setup

1. **Unpacking:** Carefully remove the fixture from its packaging. Inspect for any signs of damage during transit.
2. **Mounting:**
 - The COLOrado 2-Quad Zoom Tour can be floor-mounted or truss-mounted using the integrated yoke.
 - For truss mounting, attach a suitable clamp (not included) to the yoke. Always use a safety cable rated for the fixture's weight.
 - Ensure the mounting surface or truss can support the fixture's weight (approximately 57.1 pounds / 25.9 kg).
3. **Power Connection:** Connect the Neutrik powerCON cable to the fixture's power input. Connect the other end to a suitable grounded power outlet (120V AC).
4. **DMX Connection (Optional):**
 - For DMX control, connect a DMX cable (3-pin or 5-pin) from your DMX controller to the fixture's DMX input.
 - For multiple fixtures, daisy-chain DMX cables from the DMX output of one fixture to the DMX input of the next.
 - Terminate the last fixture in the DMX chain with a DMX terminator.

4. Operating Instructions

The COLOrado 2-Quad Zoom Tour offers various operating modes, including standalone, master/slave, and DMX control.

4.1. Control Panel Navigation

The fixture features a digital display and control buttons (Menu, Up, Down, Enter) for navigating settings and modes.

- **Menu:** Cycles through the main menu options.
- **Up/Down:** Navigates through options or adjusts values within a selected menu.
- **Enter:** Confirms a selection or saves a setting.

4.2. DMX Control

The fixture supports DMX512 protocol. Set the DMX address and select the desired DMX channel mode via the control panel. Refer to the DMX chart in the full manual for specific channel functions (e.g., RGBW intensity, zoom, dimming curves).

4.3. Standalone Modes

The COLORado 2-Quad Zoom Tour includes built-in automated programs and sound-activated modes for operation without an external DMX controller.

- **Automated Programs:** Select from various pre-programmed light shows.
- **Sound-Activated Mode:** The fixture reacts to ambient sound via its built-in microphone.
- **Static Color Mode:** Manually set a static color using RGBW mixing.

4.4. Zoom and Dimming

The fixture's zoom function allows adjustment of the beam angle from 110 (narrow beam) to 430 (wide flood). Nine different dimming curves provide smooth and precise intensity control, suitable for various lighting applications.

5. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your COLORado 2-Quad Zoom Tour.

- **Cleaning:**
 - Clean the external casing and lenses periodically with a soft, lint-free cloth.
 - For stubborn dirt, use a mild glass cleaner. Do not use abrasive cleaners.
 - Ensure the fixture is disconnected from power before cleaning.
- **Inspection:**
 - Regularly check power cables, DMX cables, and connectors for wear or damage.
 - Inspect mounting hardware and safety cables for security and integrity.
- **Storage:** Store the fixture in a dry, dust-free environment when not in use.

6. Troubleshooting

Problem	Possible Cause	Solution
Fixture does not power on.	No power to the unit; faulty power cable.	Check power connection and outlet. Test with a different power cable.
No DMX control.	Incorrect DMX address; faulty DMX cable; no DMX signal.	Verify DMX address setting. Check DMX cable connections. Ensure DMX controller is sending a signal. Use a DMX terminator.
Lights flicker or behave erratically.	DMX signal interference; power fluctuations.	Ensure DMX cables are not near power cables. Check power supply stability.
Fixture is hot to the touch.	Normal operation; insufficient ventilation.	Some heat is normal. Ensure ventilation openings are clear and ambient temperature is within limits.

7. Specifications

Feature	Detail
Light Source	14 x 15W Quad-Color RGBW LEDs
Zoom Range	110 to 430

Feature	Detail
Dimming Curves	9 selectable curves
Color	RGBW
Material	Aluminum
Power Source	Corded Electric
Voltage	120V AC
Brightness	8780 lux
Mounting Type	Floor Mount
Item Weight	57.1 Pounds (25.9 Kilograms)
UPC	781462215927

8. Warranty and Support

CHAUVET DJ products are designed for reliability and performance. For warranty information and technical support, please visit the official CHAUVET DJ website or contact their customer service department.

Online Resources: [Visit the CHAUVET DJ Store on Amazon](#)

Please have your product model (COLORado 2-Quad Zoom Tour) and UPC (781462215927) ready when contacting support.

