

CHAUVET DJ H1600

CHAUVET DJ Hurricane 1600 Fog Machine User Manual

Model: H1600

Brand: CHAUVET DJ

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation of the CHAUVET DJ Hurricane 1600 Fog Machine. The Hurricane 1600 is a compact, high-output fog generator designed for various applications requiring atmospheric effects. It features a 2.4-liter fluid tank, a wired timer remote for precise control, and an advanced fluid sensor with automatic shut-off to protect the pump from overheating. The unit incorporates 'Always Ready' technology for consistent fog production and an ultra-fast heat-up time. LED indicators provide clear status updates for heater readiness and fluid levels.

1.1. Safety Information

Always read and understand all safety warnings and instructions before operating this device. Failure to do so may result in injury or damage to the product. Keep this manual for future reference.

- Ensure the unit is placed on a stable, level surface.
- Use only water-based fog fluid recommended by CHAUVET DJ.
- Do not operate the unit without sufficient fog fluid in the tank.
- Maintain adequate ventilation around the machine.
- Keep a safe distance from the fog output nozzle, as it can become hot.
- Disconnect from power before cleaning or servicing.

2. PACKAGE CONTENTS

Verify that your package contains the following items:

- CHAUVET DJ Hurricane 1600 Fog Machine
- FC-T Wired Timer Remote Control
- Power Cord
- User Manual (this document)

3. PRODUCT OVERVIEW

The CHAUVET DJ Hurricane 1600 is designed for ease of use and reliable performance. Familiarize yourself with the components below.



Figure 3.1: Front view of the CHAUVET DJ Hurricane 1600 fog machine with the FC-T wired remote control.



Figure 3.2: Rear panel of the CHAUVET DJ Hurricane 1600, showing power input, fuse, DMX ports, and remote connection.

3.1. Main Unit Features

- **Fog Output Nozzle:** Where fog is emitted.
- **Fluid Tank:** Transparent reservoir for fog fluid.
- **Fluid Level Sensor:** Detects low fluid levels and activates automatic shut-off.
- **Power Switch:** Located on the rear panel to turn the unit ON/OFF.
- **Remote Input:** Port for connecting the FC-T wired remote.
- **LED Indicators:** Internal lights visible through the fluid tank, indicating heater status (e.g., red for heating, blue for ready).

3.2. FC-T Wired Remote Control

- **Timer Button:** Activates timed fog output.
- **Continuous Button:** Activates continuous fog output.
- **Manual Button:** Activates fog output only while pressed.
- **Interval/Duration Knobs:** Adjusts the timing for timed fog output.
- **Power ON/OFF Switch:** Controls power to the remote.

4. SETUP

Follow these steps to prepare your Hurricane 1600 for operation.

1. **Placement:** Position the fog machine on a flat, stable surface in a well-ventilated area. Ensure the fog output is directed away from people and sensitive equipment. Allow at least 20 inches (50 cm) of clear space around the unit for proper airflow.
2. **Fill Fluid Tank:** Unscrew the cap of the fluid tank and carefully pour CHAUVET DJ-approved water-based fog fluid into the tank. Do not overfill. Securely replace the cap.
3. **Connect Remote:** Plug the FC-T wired remote control into the 'REMOTE' input port on the rear panel of the fog machine.
4. **Connect Power:** Ensure the fog machine's power switch is in the 'OFF' position. Connect the power cord to the unit's power input and then to a grounded power outlet.

5. OPERATION

Once set up, the Hurricane 1600 is ready for use.

1. **Power On:** Flip the power switch on the rear panel of the fog machine to the 'ON' position. The unit will begin its heat-up cycle.
2. **Heat-Up Indicator:** Observe the LED indicators inside the fluid tank. A red light typically indicates the unit is heating. Once the unit reaches operating temperature, the light will change (e.g., to blue or off, depending on the specific model's indicator system) to signal it is ready to produce fog. The 'Always Ready' technology minimizes reheat time between fog bursts.
3. **Priming (Initial Use):** For the first use or after extended storage, the pump may need priming. Once the unit is ready (blue light), press the 'Continuous' or 'Manual' button on the remote for several seconds until fog begins to emit. If no fog appears, gently tilt the machine side-to-side by about 45 degrees while pressing the fog button to help prime the pump. Repeat if necessary.
4. **Using the Remote:**
 - **Manual Fog:** Press and hold the 'Manual' button on the FC-T remote to produce fog. Release the button to stop.
 - **Continuous Fog:** Press the 'Continuous' button for uninterrupted fog output. Press again to stop.
 - **Timed Fog:** Press the 'Timer' button. Use the 'Interval' knob to set the delay between fog bursts and the 'Duration' knob to set the length of each burst. Press 'Timer' again to deactivate.
5. **Automatic Shut-Off:** The Hurricane 1600 is equipped with an advanced fluid sensor. If the fluid level in the tank becomes too low, the pump will automatically shut off to prevent damage. Refill the tank to resume operation.
6. **Power Off:** When finished, turn the power switch on the rear panel to 'OFF' and disconnect the unit from the power source.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your fog machine.

6.1. Cleaning

It is recommended to clean the fog machine periodically, especially before storing it for an extended period. This

helps prevent clogs and ensures consistent output.

1. Empty any remaining fog fluid from the tank.
2. Fill the tank with a mixture of 50% distilled water and 50% white vinegar.
3. Operate the machine in a well-ventilated area, running the cleaning solution through the system until the tank is nearly empty.
4. Refill with distilled water and run through the system to rinse.
5. Allow the unit to cool completely before storing.

6.2. Storage

Store the fog machine in a cool, dry place. Ensure the fluid tank is empty or filled with cleaning solution if storing for a long duration.

7. TROUBLESHOOTING

Refer to the following common issues and solutions before contacting support.

- **No Fog Output:**
 - Check if the unit is powered ON and connected to a working outlet.
 - Verify that the fluid tank has sufficient fog fluid. The automatic shut-off may be active if the fluid is low.
 - Ensure the unit has completed its heat-up cycle (check LED indicators).
 - Confirm the remote control is securely connected and functioning.
 - If it's the first use or after storage, the pump may need priming (refer to Section 5, Step 3).
 - Check for clogs in the fluid line or nozzle. Regular cleaning can prevent this.
- **Machine Not Heating:**
 - Ensure the power cord is fully inserted and the power switch is ON.
 - Check the fuse on the rear panel. Replace if blown (refer to specifications for fuse type).
- **Remote Control Not Responding:**
 - Ensure the remote cable is firmly connected to the machine.
 - Check the power switch on the remote itself, if applicable.

8. SPECIFICATIONS

Feature	Specification
Model Number	H1600
Item Weight	14.77 pounds (6.7 kg)
Product Dimensions	14.37 x 17.32 x 17.32 inches (36.5 x 44 x 44 cm)
Power Input	AC 120 V, 50 Hz
Fluid Capacity	2.4 Liters (approx.)
Heat-up Time	Ultra-fast




Control	Wired Timer Remote (FC-T)
Safety Features	Automatic shut-off fluid sensor
Color	BLACK




9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official CHAUVET DJ website or contact their customer service department. Keep your purchase receipt as proof of purchase for warranty claims.
CHAUVET DJ Official Website: www.chauvetdj.com

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Related Documents - H1600

	<p>CHAUVET DJ Hurricane 1200 Fog Machine User Manual</p> <p>Comprehensive user manual for the CHAUVET DJ Hurricane 1200 fog machine, covering setup, operation, maintenance, safety precautions, and technical specifications. Includes details on the FC-T wired timer remote and optional FC-W wireless remote.</p>
	<p>SlimPAR Q12 ILS User Manual - CHAUVET DJ</p> <p>User manual for the CHAUVET DJ SlimPAR Q12 ILS LED par light, covering setup, operation, maintenance, technical specifications, and safety information.</p>
	<p>CHAUVET Abyss 2 User Manual</p> <p>Comprehensive user manual for the CHAUVET Abyss 2 lighting fixture, detailing installation, operation, DMX configuration, maintenance, technical specifications, and contact information.</p>

 <p>The image shows the cover of the CHAUVET DJ FLEXstand User Manual. It features the CHAUVET logo at the top, the product name 'FLEXstand' in large bold letters, and a photograph of the black adjustable stand. The CHAUVET logo is also at the bottom.</p>	<p>CHAUVET DJ FLEXstand User Manual</p> <p>User manual for the CHAUVET DJ FLEXstand, providing instructions on setup, operation, maintenance, and technical specifications. Includes safety precautions and contact information.</p>
 <p>The image shows the cover of the CHAUVET DJ COREpar Q120 ILS User Manual. It features the CHAUVET logo at the top, the product name 'COREpar Q120 ILS' in large bold letters, and a photograph of the black and red LED par light. The CHAUVET logo is also at the bottom.</p>	<p>COREpar Q120 ILS User Manual - CHAUVET DJ</p> <p>User manual for the CHAUVET DJ COREpar Q120 ILS, providing setup, operation, maintenance, and technical specifications for this LED par light.</p>
 <p>The image shows the cover of the CHAUVET DJ SlimPAR T12 ILS User Manual. It features the CHAUVET logo at the top, the product name 'SlimPAR T12 ILS' in large bold letters, and a photograph of the black and red LED par light. The CHAUVET logo is also at the bottom.</p>	<p>SlimPAR T12 ILS User Manual</p> <p>User manual for the Chauvet SlimPAR T12 ILS, covering safety precautions, installation, programming, operation, and maintenance.</p>