







Edition Notes

The Hurricane Bubble Haze User Manual includes a description, safety precautions, installation, programming, operation, and maintenance instructions for the Hurricane Bubble Haze as of the release date of this edition.

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Document Printing

For best results, print this document in color, on letter size paper (8.5 x 11 in), double-sided. If using A4 paper (210 x 297 mm), configure the printer to scale the content accordingly.

Intended Audience

Any person installing, operating, and/or maintaining this product should completely read through the guide that shipped with the product, as well as this manual, before installing, operating, or maintaining this product.

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Document Revision

Go to www.chauvetdj.com for the latest version.

Revision	Date	Description
6	06/2025	Update format and added Maintenance statement.



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1. Before You Begin

What Is Included

- Hurricane Bubble Haze
- Power cable
- · Quick Reference Guide

Unpacking Instructions

Carefully unpack the product immediately and check the container to make sure all the parts are in the package and are in good condition.

Claims

If the box or the contents (the product and included accessories) appear damaged from shipping, or show signs of mishandling, notify the carrier immediately, not Chauvet. Failure to report damage to the carrier immediately may invalidate a claim. In addition, keep the box and contents for inspection.

For other issues, such as missing components or parts, damage not related to shipping, or concealed damage, file a claim with Chauvet within 7 days of delivery.

Text Conventions

Convention	Meaning
1–512	A range of values
50/60	A set of values of which only one can be chosen
Settings	A menu option not to be modified
<enter></enter>	A key to be pressed on the product's control panel
ON	A value to be entered or selected

Symbols

Symbol	Meaning
Ţ	Critical installation, configuration, or operation information. Not following these instructions may make the product not work, cause damage to the product, or cause harm to the operator.
(i)	Important installation or configuration information. The product may not function correctly if this information is not used.
	Useful information.



Safety Notes

These Safety Notes include important information about installation, use, and maintenance of the Hurricane Bubble Haze.

ALWAYS:

- Connect to a grounded circuit.
- ♦ Connect to operating voltages as specified on the product's spec sticker.
- Disconnect from power before replacing the fuse.
- Disconnect from its power source during periods of inactivity.
- Use a safety cable when suspending overhead.
- ♦ Heed all restrictions and warnings on the spec sticker.
- ♦ Mount in a location with at least 20 in (50 cm) of ventilation.
- Replace the fuse with the same type and rating.
- Use Chauvet fluids.
- Drain the tank before transporting or storing the product.
- Keep the machine level.
- Clean the machine after every use.
- Clean around the product during and after use, as surfaces may become slippery.
- In the event of a serious operating problem, stop using immediately.
- All fog/haze machines may set off smoke detectors.

DO NOT:

- Open this product or attempt any repairs. It contains no user-serviceable parts.
- Use if the power cable is crimped or damaged.
- ♦ Disconnect by pulling on the power cable.
- Allow flammable materials close to the product when it is operating.
- Touch the housing when it is on.
- Block any ventilation holes/slots in the housing.
- Connect to a dimmer or rheostat.
- Carry the product by its power cable.
- Operate in temperatures higher than 104°F (40°C).
- ♦ Expose to environments that exceed the Ingress Protection (IP) rating.
- Expose to rain or moisture.
- Use outdoors.
- ♦ Submerge.
- Set this product on a flammable surface.
- ♦ Touch the output nozzle. It may be hot for several hours after use.
- Drink the fluid.
- ♦ Add perfume, alcohol, gasoline or any other chemical to the fluid.
- Use for space-heating purposes.
- Obstruct the bubble wands or leave machine unattended.
- Overfill.



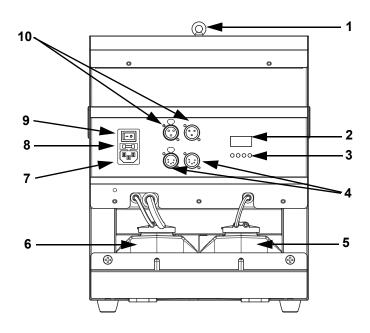
Keep this User Manual for future use. If the product is sold to someone else, be sure that they also receive this document.

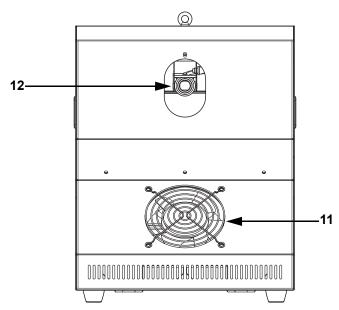




2. Introduction

Product Overview

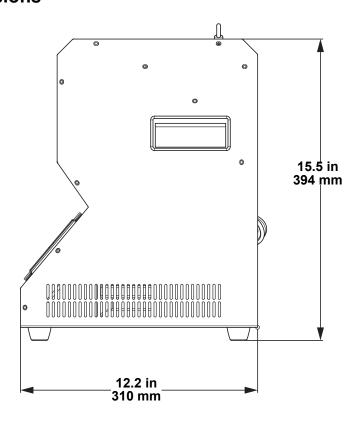


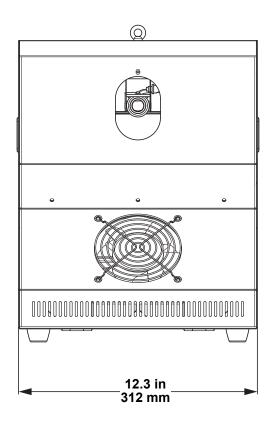


#	Name	#	Name
1	Safety loop	7	Power in
2	LED display	8	Fuse holder
3	Menu buttons	9	Power switch
4	5-pin DMX in/out	10	3-pin DMX in/out
5	Haze fluid reservoir	11	Blower fan
6	Bubble fluid reservoir	12	Output nozzle



Product Dimensions







3. Setup

AC Power

The Hurricane Bubble Haze has a fixed voltage power supply, and it can work with an input voltage range of either 120 VAC, 60 Hz or 230 VAC, 50 Hz, depending on the specific model.

To determine the product's power requirements (circuit breaker, power outlet, and wiring), use the current value listed on the label affixed to the product's back panel, or refer to the product's specifications chart. The listed current rating indicates the product's average current draw under normal conditions.



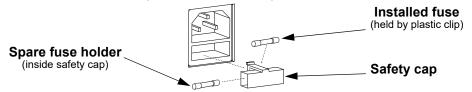
- Always connect the product to a protected circuit (a circuit breaker or fuse). Make sure
 the product has an appropriate electrical ground to avoid the risk of electrocution or
 fire.
- To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from power via breaker or by unplugging it.



Never connect the product to a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel serves only as a 0 to 100% switch.

Fuse Replacement

- 1. Disconnect the product from power.
- 2. Wedge the tip of a flat-head screwdriver into the slot of the fuse holder.
- 3. Pry the fuse holder out of the housing.
- 4. Remove the blown fuse from the holder and replace with a fuse of the exact same type and rating.
- 5. Insert the fuse holder back in place and reconnect power.





Disconnect the product from the power outlet before replacing the fuse.



Always replace a blown fuse with one of the same type and rating, F 7 A, 250 V.



While operating the Hurricane Bubble Haze, make sure there is adequate fog fluid in the machine to prevent pump and heater damage. When the fog fluid level becomes low, simply add more fog fluid to continue using the Hurricane Bubble Haze.



This product may NOT be tilted. This product should be level when on a surface.

Operating Fluids

The following fluids are optimized for use in the Hurricane Bubble Haze. Only use Chauvet approved fluids to assure satisfactory results. The use of unapproved fluid can damage the Hurricane Bubble Haze.

	US Product Name	EU Product Name
Optimized Haze Fluid	HDF, HFG	HF5, HFDJ5
Optimized Bubble Fluid	BJG	BF5



Mounting

Before mounting the product, read and follow the safety recommendations indicated in the Safety Notes.

Orientation

The Hurricane Bubble Haze may be mounted in any position; however, make sure adequate ventilation is provided around the product.

Rigging

- Before deciding on a location for the product, always make sure there is easy access to the product for maintenance and programming.
- Make sure that the structure and attachment points can support the weight before hanging the product (see the <u>Technical Specifications</u> section for weight information).
- When mounting the product overhead, always use a safety cable. Mount the product securely to a rigging point, such as an elevated platform or a truss.
- When rigging the product onto a truss, use a mounting clamp of appropriate weight capacity. The bracket has a 13-mm hole, which is appropriate for this purpose.
- When mounting the product on the floor, make sure that the product and cables are away from people and vehicles.

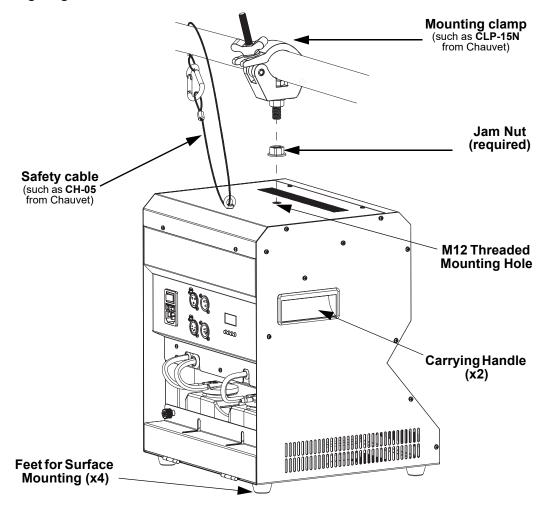
Jam Nut

ALWAYS use a jam nut in between the mounting clamp and the product to prevent damage.



- STOP threading in a bolt IMMEDIATELY when resistance is felt.
- DO NOT thread a bolt more than 0.5 in (13.5 mm) into the M12 threaded mounting hole.

Mounting Diagram





4. Operation

Control Panel Operation

To access the control panel functions, use the four buttons located underneath the display. Please refer to the <u>Product Overview</u> to see the button locations on the control panel.

Button	Function	
<menu></menu>	Press to find an operation mode or to back out of the current menu option	
<up></up>	Press to scroll up the list of options or to find a higher value	
<down></down>	Press to scroll down the list of options or to find a lower value	
<enter></enter>	Press to activate a menu option or a selected value	

Menu Map

Refer to the Hurricane Bubble Haze product page on www.chauvetdj.com for the latest menu map and software.

Mode	Programming Levels		Description
DMX Address	Addr 1–512		Sets the DMX starting address
Bubble Output	h	oFF	Bubble output off
Bubble Output	b	on	Bubble output on
Haze Volume	Н	0-100	Haze volume, low to high
Dlawer Fon Chard	F	0	Blower fan off
Blower Fan Speed	Г	1–3	Blower fan speed, 1 (low) to 3 (high)
Dubble Cleaning Mede	CLE	oFF	Bubble Cleaning Mode off
Bubble Cleaning Mode	CLE	on	Cleaning mode on



- For the Bubble Cleaning Mode, use clean water to rinse out the bubble mechanism.
- Through the display menu, the Bubble Cleaning Mode will run for 2 minutes before reverting to standby.



Use the Bubble Cleaning Mode after every use.

DMX Configuration

The Hurricane Bubble Haze works with a DMX controller. Information about DMX is in the Chauvet DMX Primer, which is available from the Chauvet website

https://www.chauvetdj.com/wp-content/uploads/2016/06/DMX Primer.pdf.

Starting Address

The Hurricane Bubble Haze uses up to 4 DMX channels, which defines the highest recommended address to **509**.

When selecting a starting DMX address, always consider the number of DMX channels the DMX mode uses. If the starting address is set too high, access to some channels could be restricted.

For information about the DMX protocol, download the DMX Primer from www.chauvetdj.com.

To select the personality and starting address, do the following:

- 1. Press <MENU> repeatedly until Addr shows on the display.
- 2. Press <ENTER>.
- 3. Use **<UP>** or **<DOWN>** to select the starting address, from **1–509**.
- 4. Press <ENTER>.



DMX Channel Assignments and Values

Channel	Function	Value	Percent/Setting
	Bubble sutput	000 ⇔ 010	Off
1	Bubble output	011 ⇔ 255	On
2	Haze volume	000 ⇔ 010	No function
2	naze volume	011 ⇔ 255	Haze volume, low to high
		000 ⇔ 010	Blower fan off
3	Blower speed	011 ⇔ 100	Blower fan speed low
3		101 ⇔ 200	Blower fan speed medium
		201 ⇔ 255	Blower fan speed high
4	Pubble Cleaning Mode	000 ⇔ 010	No function
	Bubble Cleaning Mode	011 ⇔ 255	Bubble Cleaning Mode on (bubble pump only)



- For Continuous Output mode, set channel 2 from 011 ⇔ 126.
- Fluid consumption will be significantly increased during Continuous Output mode.



- For the Bubble Cleaning Mode, use clean water to rinse out the bubble mechanism.
- Through the DMX, the Bubble Cleaning Mode will run indefinitely.



Use the Bubble Cleaning Mode after every use.

Standalone Configuration

Set the product in one of the standalone modes to operate without a DMX controller.



Never connect a product that is operating in any standalone mode to a DMX string connected to a DMX controller. Products in standalone mode may transmit DMX signals that could interfere with the DMX signals from the controller.

Bubble Output

To turn the bubble output of the Hurricane Bubble Haze on or off, follow the instructions below.

- 1. Press **<MENU>** repeatedly until **b** shows on the display.
- 2. Press <ENTER>.
- 3. Use **<UP>** or **<DOWN>** to select from **Off** or **on**.
- 4. Press <ENTER>.

Haze Volume

To adjust the haze volume of the Hurricane Bubble Haze, do the following:

- 1. Press <MENU> repeatedly until H shows on the display.
- 2. Press <ENTER>.
- 3. Use **<UP>** or **<DOWN>** to increase or decrease the haze volume, from **0–100**.
- Press < ENTER >.

Blower Fan Speed

To adjust the blower fan speed of the Hurricane Bubble Haze, follow the instructions below.

- 1. Press **<MENU>** repeatedly until **F** shows on the display.
- 2. Press <ENTER>.
- 3. Use **<UP>** or **<DOWN>** to increase or decrease the blower fan speed, from **0–3**.
- 4. Press **<ENTER>**.



Master/Slave Mode

The Master/Slave mode allows a single Hurricane Bubble Haze product (the "master") to control the actions of one or more Hurricane Bubble Haze products (the "slaves") without the need of a DMX controller. The master product will be set to operate in standalone mode, while the slave products will be set to operate in Slave mode. Once set and connected, the slave products will operate in unison with the master product.

Configure the products as indicated below.

Slave products:

- 1. Press <MENU> repeatedly until Addr shows on the display.
- 2. Press <ENTER>.
- 3. Set the DMX address to 1.
- 4. Connect the DMX input of the first slave product to the DMX output of the master product.
- Connect the DMX input of the subsequent slave products to the DMX output of the previous slave product.
- 6. Finish setting and connecting all the slave products.

Master product:

- 1. Press <MENU> repeatedly until Addr shows on the display.
- 2. Press **<ENTER>**.
- 3. Set the DMX address to 1.
- 4. Set the master product to operate in standalone mode.
- 5. Make the master product the first product in the DMX daisy chain.
 - Configure all the slave products before connecting the master to the daisy chain.

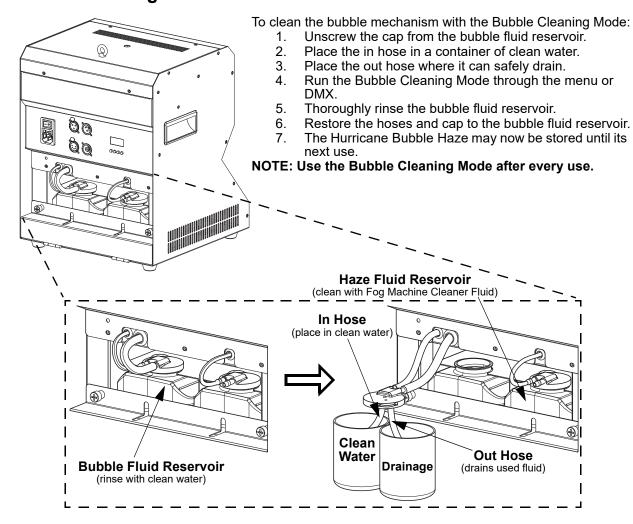


- Never connect a DMX controller to a DMX string configured for Master/Slave operation because the controller may interfere with the signals from the master.
- Do not connect more than 31 slaves to the master.



5. Maintenance

Bubble Cleaning Mode





Fog Machine Maintenance

Proper maintenance of Chauvet atmospheric products will increase the reliability and lifespan of products. Maintenance should be completed every 30-90 days, depending on how frequently products are used.



- When performing maintenance, use Chauvet Fog Cleaner Quart (FCQ) for U.S., or cleaning Fluid 250 (CF250) for EU products. Run the fluid through the system to reduce the accumulation of particulate matter in the heating element.
- DO NOT allow the atmospheric product to become clogged. Once a product is clogged, the cleaning procedure is unlikely to effectively clear the clog.

The recommended cleaning procedure is as follows:

- 1. Unplug the product from power.
- 2. Remove the hose from the fluid tank/reservoir. Remove the FCQ/CF250 screw cap and place the hose in the Fog Cleaner bottle.
- 3. Connect the product to power and allow it to warm up (if not already warmed up).
- 4. Run the FCQ/CF250 through the product in a well-ventilated area for 60-90 seconds of continuous, full output. Some products require multiple cycles to achieve this.



DO NOT allow the product to run dry!

- 5. Move the hose from the FCQ/CF250 to a small bottle with distilled water (only use distilled water, not tap or any other water or liquid). Run distilled water through the product for at least 30 seconds to clear any remaining cleaning solution from the pump and heater.
 - Turn off the product when not in use or when storing.



- DO NOT leave the cleaning solution in the product.
- DO NOT operate the product without fluid at any time.
- DO NOT leave Chauvet atmospheric fluid in the product tank/reservoir for more than 10 days without use.



Fog Cleaner Quart (FCQ) and Cleaning Fluid 250 (CF250) were specifically developed by Chauvet to clean Chauvet atmospheric products equipped with heaters. Use FCQ/CF250 regularly, no longer than 90 days between cleanings (30-60 days if the product is used more frequently), to prevent shortening the life of the product.

Storage

Before storing the Chauvet atmospheric product, run FCQ/CF250 through the system as described in the cleaning procedure above and do not refill the tank with atmospheric fluid before storing the product.



Test-run the Chauvet atmospheric products monthly to achieve the best performance.

Chauvet does not guarantee products will withstand storage for long durations, even if the cleaning process is followed. Please use caution and test regularly to ensure the product continues to function properly.



6. Technical Specifications

Dimensions and Weight

Length	Width	Height	Weight
12.2 in (310 mm)	12.3 in (312 mm)	15.5 in (394 mm)	20.2 lb (9.2 kg)

Note: Dimensions in inches are rounded.

Power

Power Supply Type	Range	Voltage Selection
Fixed	120 VAC, 60 Hz or 230 VAC, 50 Hz	Fixed
Parameter	120 V, 60 Hz	230 V, 50 Hz
Consumption	558 W	558 W
Operating Current	4.6 A	2.3 A
Fuse	F 7 A, 250 V	F 7 A, 250 V
Power I/O	U.S./Worldwide	UK/Europe
Power input connector	IEC	IEC
Power cable plug	Edison (U.S.)	Local Plug
Operation		
Heat-Up Time	Tank Capacity	Fog Output
3 min	0.21 gal (8 l)	4,500 cfm

Haze Fluid Consumption

Fog Fluid Consumption

16 ml/min 22 ml/min

Thermal

Maximum External Temperature Cooling System

104 °F (40 °C) Convection

DMX

I/O Connector Channel Range
3- and 5-pin XLR 4

Ordering

Product Name	Item Code	UPC Number
Hurricane Bubble Haze	05071571	781462219192
Hurricane Bubble Haze (230V)	05071574	781462219222





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Warranty & Returns

For warranty terms and conditions and return information, please visit our website.

For customers in the United States and Mexico: www.chauvetlighting.com/warranty-registration.

For customers in the United Kingdom, Republic of Ireland, Belgium, the Netherlands, Luxembourg, France, and Germany: www.chauvetlighting.eu/warranty-registration.