





The Hurricane Haze 1DX User Manual includes a description, safety precautions, installation, programming, operation, and maintenance instructions for the Hurricane Haze 1DX as of the release date of this edition.

Trademarks

Chauvet, Chauvet DJ, the Chauvet logo, and Hurricane are registered trademarks or trademarks of Chauvet & Sons, LLC (d/b/a Chauvet and Chauvet Lighting) in the United States and other countries. Other company and product names and logos referred to herein may be trademarks of their respective companies.

Copyright Notice

The works of authorship contained in this manual, including, but not limited to, all designs, text, and images are owned by Chauvet.

© Copyright 2025 Chauvet & Sons, LLC. All rights reserved.

Electronically published by Chauvet in the United States of America.

Manual Use

Chauvet authorizes its customers to download and print this manual for professional information purposes only. Chauvet expressly prohibits the usage, copy, storage, distribution, modification, or printing of this manual or its content for any other purpose without written consent from Chauvet.

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.

Disclaimer

Chauvet believes that the information contained in this manual is accurate in all respects. However, Chauvet assumes no responsibility and specifically disclaims any and all liability to any party for any loss, damage, or disruption caused by any errors or omissions in this document, whether such errors or omissions result from negligence, accident, or any other cause. Chauvet reserves the right to revise the content of this document without any obligation to notify any person or company of such revision; however, Chauvet has no obligation to make, and does not commit to make, any such revisions.

Document Revision

Go to <u>www.chauvetdj.com</u> for the latest version.

Revision	Date	Description	
4	06/2025	Updated format and added Maintenance information.	



TABLE OF CONTENTS

1. Before You Begin	1
What Is Included	1
Unpacking Instructions	1
Claims	1
Text Conventions	1
Symbols	1
Safety Notes	2
2. Introduction	3
Product Overview	3
Product Dimensions	4
3. Setup	5
AC Power	5
Fuse Replacement	5
Operating Fluids	5
4. Operation	6
Control Panel Operation	6
Menu Map	6
DMX Configuration	6
Starting Address	6
DMX Channel Assignments and Values	6
5. Maintenance	7
Fog Machine Maintenance	7
Storage	7
6. Technical Specifications	8
Contact Us.	9
Warranty & Returns	9





1. Before You Begin

What Is Included

- Hurricane Haze 1DX
- Power cord
- 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

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 > A key to be pressed on the product's control panel		
ON A value to be entered or selected		
<u> </u>		

Symbols

Symbol	Meaning
\triangle	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.
Í	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 Haze 1DX.

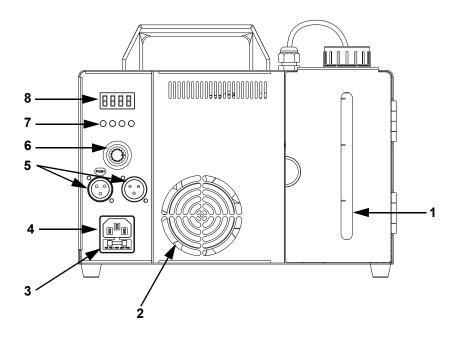
- ALWAYS:
 - Connect to a grounded circuit.
 - Connect to operating voltages as specified on the product's spec sticker.
 - Disconnect from power before replacing the fuse.
 - Disconnect from its power source during periods of inactivity.
 - Use a safety cable when suspending overhead.
 - Heed all restrictions 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.
 - Leave machine unattended.
 - Overfill.

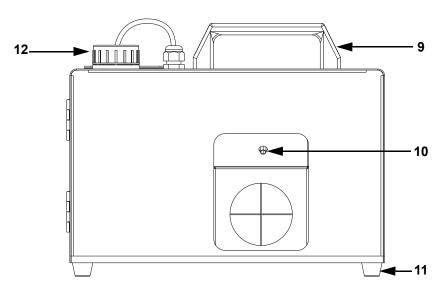


Keep this User Manual for future use. If the product is sold to someone else, be sure that they also receive this document.



2. Introduction Product Overview

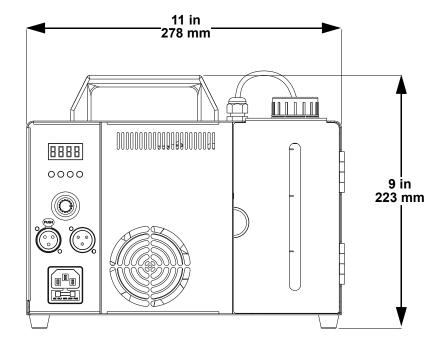


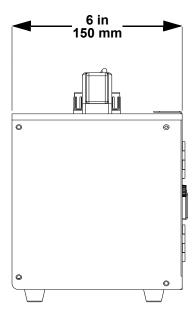


#	Name	#	Name
1	Fluid level indicator	7	Menu buttons
2	Fan	8	LED display
3	Fuse holder	9	Carry handle
4	Power in	10	Nozzle
5	3-pin DMX in/out	11	Rubber feet (x4)
6	Haze volume knob	12	Fluid tank



Product Dimensions







3. Setup

AC Power

The Hurricane Haze 1DX 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.



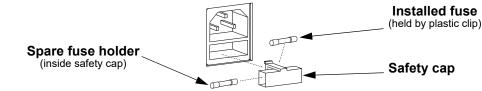
- Always connect the product to a protected circuit (a circuit breaker or fuse). Make sure the product has an appropriate electrical ground to avoid the risk of electrocution or fire.
- To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product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





Always replace a blown fuse with one of the same type and rating, F 5 A, 250 V.



While operating the Hurricane Haze 1DX, 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 Haze 1DX.

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 Haze 1DX. Only use Chauvet approved fluids to assure satisfactory results. The use of unapproved fluid can damage the Hurricane Haze 1DX.

	US Product Name	EU Product Name
Optimized Haze Fluid	HFG	HF5, HFDJ5



4. Operation

Control Panel Operation

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

Button/Knob Function	
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

<HAZE VOLUME> Controls the volume of the haze output, from H 1–3

Menu Map

Refer to the Hurricane Haze 1DX product page on www.chauvetdj.com for the latest menu map and software.

Main Menu	Programming Levels	Description
Haze Volume	H (1–3)	Displays current manual haze volume
DMX Address	d 1–512	Selects DMX starting address

DMX Configuration

The Hurricane Haze 1DX works with a DMX controller. Information about DMX is in the Chauvet DMX Primer, which is available from the Chauvet website

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

Starting Address

The Hurricane Haze 1DX uses 1 DMX channel, which defines the highest configurable address to **512**. 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 starting address, do the following: 1. Press **<MENU>** repeatedly until **d 1–512** shows on the display.
 - 2. Use <UP> or <DOWN> to select the starting address, from d 1–512.
 - 3. Press **<ENTER>**.

DMX Channel Assignments and Values

Channel	Function	Value	Percent/Setting
1	Haze volume	000 ⇔ 010	No function
		011 ⇔ 255	Haze volume, low to high



Allow the Hurricane Haze 1DX 2 minutes to heat up before continuing.



5. Maintenance

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.

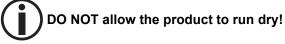


When performing maintenance, use Chauvet Fog Cleaner Quart (FCQ) for U.S., or cleaning Fluid 250 (CF250) for EU products. Run the fluid through the system to reduce the accumulation of particulate matter in the heating element.

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.



- 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	
11 in (278 mm)	6 in (150 mm)	9 in (223 mm)	7.2 lb (3.3 kg)	
Note: Dimensions in inches are Power	e rounded.			
Power Supply Type	Rang	e	Voltage Selection	
Fixed	120 VAC, 60 Hz or 2	230 VAC, 50 Hz	Fixed	
Parameter	120 V,	60 Hz	230 V, 50 Hz	
Consumption	303	W	303 W	
Operating Current	2.5	A	1.3 A	
Fuse	F 5 A, 2	250 V	F 5 A, 250 V	
Power I/O	U.S./Wo	rldwide	UK/Europe	
Power input connector	IE	С	IEC	
Power cable plug	Edison	(U.S.)	Local Plug	
Operation				
Heat-Up Time	Tank Capacity	Fluid Consumption	Fog Output	
2 min	0.4 gal (1.5 l)	6 ml/min	3000 cfm	
Thermal				
Maximum External Temperat	ure Cooling	System		
104 °F (40 °C)	Conve	ection		
DMX				
I/O Connector	Channel	Range		
I/O Connector 3-pin XLR	Channel 1	Range		
		Range		
3-pin XLR			UPC Number	
3-pin XLR Drdering	1	Code	UPC Number 781462218768	





Contact Us

General Information	Technical Support
Chauvet World Headquarters	
Address: 3360 Davie Rd., Suite 509	Voice: (844) 393-7575
Davie, FL 33314	Fax: (954) 756-8015
Voice: (954) 577-4455	Email: <u>chauvetcs@chauvetlighting.com</u>
Fax: (954) 929-5560	
Toll Free: (800) 762-1084	Website: www.chauvetdj.com
Chauvet U.K.	
Address: Pod 1 EVO Park	Email: UKtech@chauvetlighting.eu
Little Oak Drive, Sherwood Park	
Nottinghamshire, NG15 0EB	Website: <u>www.chauvetdj.eu</u>
UK	
Voice: +44 (0) 1773 511115	
Fax: +44 (0) 1773 511110	
Chauvet Benelux	
Address: Vaartlaan 9	Email: BNLtech@chauvetlighting.eu
9800 Deinze	
Belgium	Website: <u>www.chauvetdj.eu</u>
Voice: +32 9 388 93 97	
Chauvet France	
Address: 3, Rue Ampère	Email: FRtech@chauvetlighting.fr
91380 Chilly-Mazarin	
France	Website: <u>www.chauvetdj.eu</u>
Voice: +33 1 78 85 33 59	
Chauvet Germany	
Address: Bruno-Bürgel-Str. 11	Email: <u>DEtech@chauvetlighting.de</u>
28759 Bremen	
Germany	Website: <u>www.chauvetdj.eu</u>
Voice: +49 421 62 60 20	
Chauvet Mexico	
Address: Av. de las Partidas 34 - 3B	Email: <u>servicio@chauvet.com.mx</u>
(Entrance by Calle 2)	
Zona Industrial Lerma	Website: <u>www.chauvetdj.mx</u>
Lerma, Edo. de México, CP 52000	
Voice: +52 (728) 690-2010	

Warranty & Returns

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

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