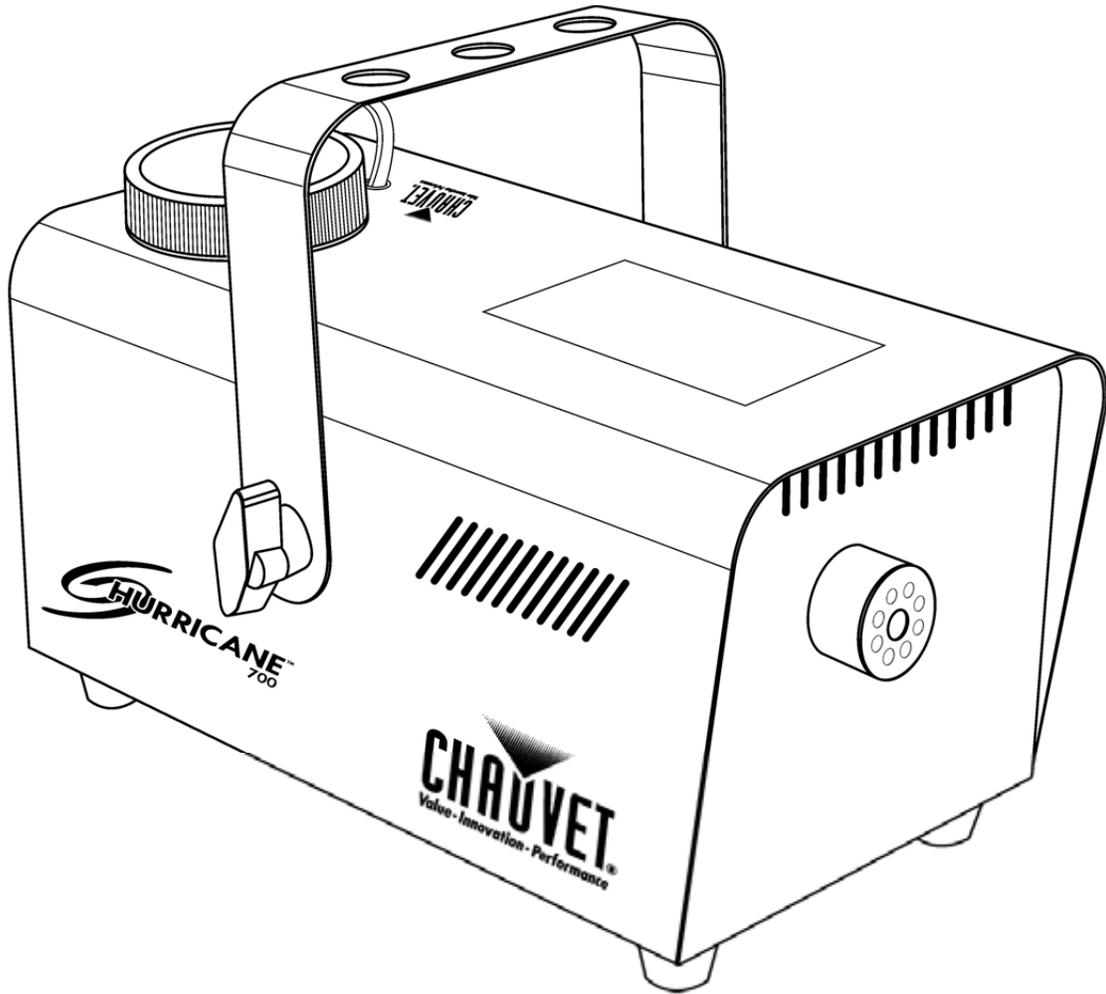


HURRICANE™ 700

User Manual



CHAUVET®
Value · Innovation · Performance

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Document Information

The information and specifications contained in this document are subject to change without notice. CHAUVET® assumes no responsibility or liability for any errors or omissions that may appear in this manual.

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1. BEFORE YOU BEGIN

What is Included

- 1 x Hurricane™ 700
- 1 x Power Cord
- 1 x Fog Fluid (0.5 L)
- 1 x Warranty Card
- 1 x User Manual

Unpacking Instructions

Immediately upon receiving this product, carefully unpack it and check the container in which you received it. Make sure that you have received all the parts indicated above and that they are all in good condition. If the material inside the container (this product and any other accessory included with it) appears damaged from shipping, or if the container shows signs of mishandling, notify the shipper immediately. In addition, retain the container and all the packing material for inspection.

See the *Claims* section in the “*Technical Information*” chapter.

Claims

The carrier is responsible for any damage incurred during shipping to this product or any part that shipped with it. Therefore, if the received merchandise appears to have damages caused during shipping, the customer must submit the damage report and any related claims with the carrier, not CHAUVET®. The customer must submit the report upon reception of the damaged merchandise. Failure to do so in a timely manner may invalidate the customer’s claim with the carrier.

For other issues such as missing components or parts, damage not related to shipping, or concealed damage, the customer must make claims to CHAUVET® within seven (7) days of receiving the merchandise.

Text Conventions

Convention	Meaning
[10]	A DIP switch to be configured
<Menu>	A key to be pressed on the product’s control panel
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 (for example, showing the operating mode/current status)
Menu > Settings	A sequence of menu options to be followed
ON	A value to be entered or selected

Icons

Icon	Meaning
	This paragraph contains critical installation, configuration, or operation information. Failure to comply with this information may render the product partially or completely inoperative, cause damage to the product, or cause harm to the user.
	This paragraph contains important installation or configuration information. Failure to comply with this information may prevent the product from functioning correctly.
	This paragraph reminds you of useful, although not critical, information.

Product at a Glance

Use on Dimmer	⊘	Auto Programs	⊘
Outdoor Use	⊘	Auto-ranging Power Supply	⊘
Sound Activated	⊘	Replaceable Fuse	✓
DMX	⊘	User Serviceable	⊘
Master/Slave	⊘	Duty Cycle	⊘

Safety Notes



Please read the following notes carefully because they include important safety information about the installation, usage, and maintenance of this product.

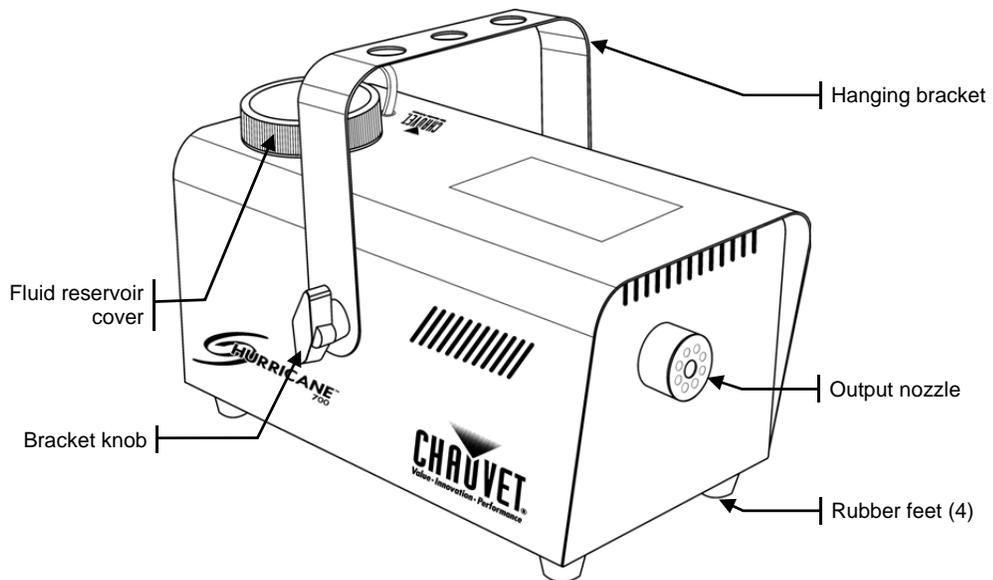
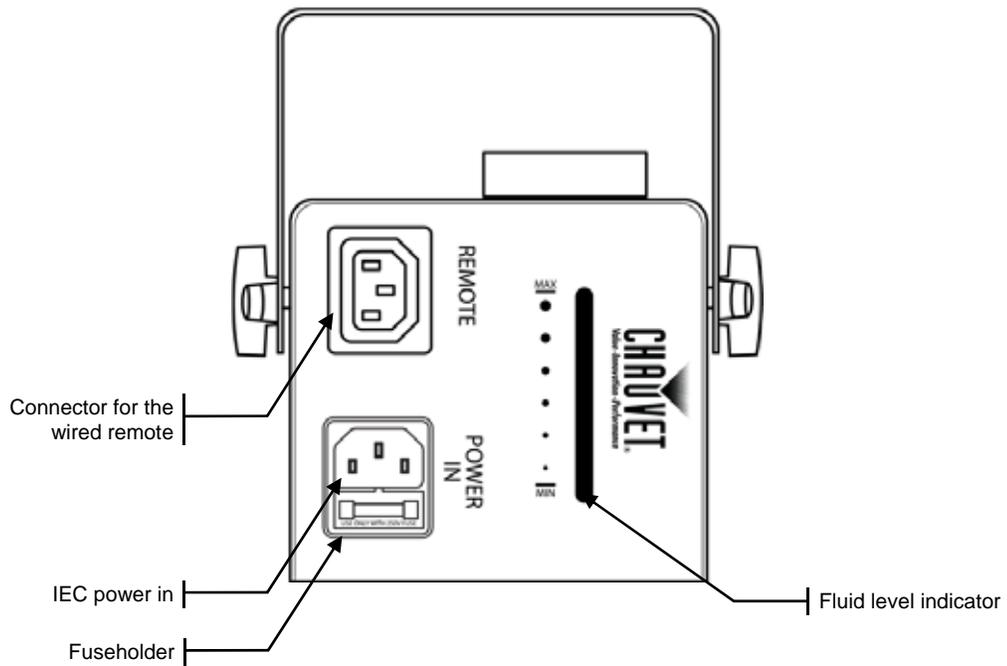
- Keep this User Manual for future consultation. If you sell this product to another user, be sure that they also receive this document.
- Always make sure that the voltage of the outlet to which you are connecting this product is within the range stated on the decal or rear panel of the product.
- This product is for indoor use only! To prevent risk of fire or shock, do not expose this product to rain or moisture.
- Make sure there are no flammable materials close to the unit while operating.
- Always install this product in a location with adequate ventilation, at least 20 in (50 cm) from adjacent surfaces.
- Be sure that no ventilation slots on the unit's housing are blocked.
- Always disconnect this product from the power source before cleaning it or replacing the fuse.
- Make sure to replace the fuse with another of the same type and rating.
- If mounting this product overhead, always secure it to a fastening device using a safety cable.
- The maximum ambient temperature (Ta) is 104° F (40° C). Do not operate this product at higher temperatures.
- In the event of a serious operating problem, stop using the unit immediately.
- Never try to repair this product. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center.
- Never connect this product to a dimmer pack.
- Make sure the power cord is not crimped or damaged.
- Never disconnect the power cord by pulling or tugging on the cord.
- Never carry a product from the power cord or any moving part. Always use the hanging/mounting bracket or the handles.
- Do not touch the output nozzle on this product. It is very hot during operation and it may remain hot for several hours after turning the unit off.
- Do not mount this product on a flammable surface (e.g., wood, linoleum, carton, plastic, or carpet).
- Make sure there are no flammable materials close to the unit while operating.
- Depending on the amount of fog generated, all fog machines may set off smoke detectors.
- Do not use as a space heater.



FCQ (Fog Cleaner Quart) was specifically developed by Chauvet to clean your Hurricane™ 700. Make sure you use FCQ regularly to increase the life of your fogger.

2. INTRODUCTION

Product Overview



3. SETUP

AC Power

This product is not switching. It is model-specific. It may run on either 120V, 60 Hz or 230 V, 50 Hz.

To determine the power requirements for a particular product, see the label affixed to the back plate of the product or refer to the product's specifications chart. A product's listed current rating indicates its average current draw under normal conditions.



Always connect this product to a protected circuit (circuit breaker or fuse), making sure that it has an appropriate electrical ground to avoid the risk of electrocution or fire.



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

Replacing the Fuse



Unplug the IEC power cable before replacing the fuse!

This product has a replaceable fuse. In the event that the fuse needs to be replaced, follow the instructions provided below.

1. Using a flat head screwdriver, remove the fuseholder from the IEC housing.
2. Remove the bad fuse from the fuseholder.
3. Insert the new fuse into the fuseholder.
4. Install the fuseholder in the IEC housing.

Mounting

Orientation

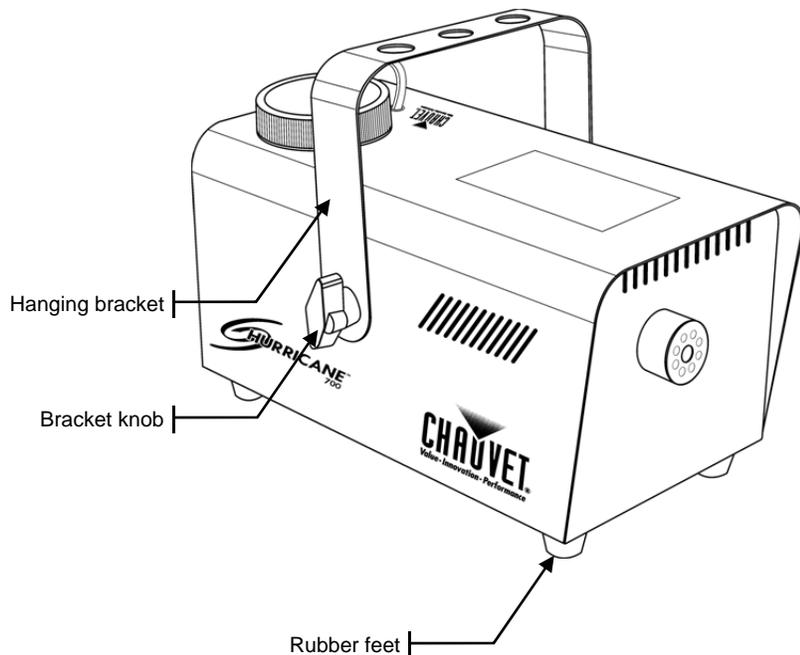
The Hurricane™ 700 may be mounted in any position, provided there is adequate room for ventilation around it.

Rigging

Be sure that the structure or surface on which you are mounting this product can support its weight and operating temperature. Please see the “Technical Specifications” section of this manual for weight information. Refer to the following notes on rigging.

- Make sure to mount the product securely to a rigging point, whether an elevated platform or a truss.
- When rigging this product onto a truss, you should use a mounting clamp of appropriate weight capacity. The bracket has a 13 mm hole, which is appropriate for this purpose.
- When mounting this product overhead, always use a safety cable.
- Before deciding on a location for this product, always make sure that it will be easy to access the unit for maintenance and programming purposes.
- The bracket knobs allow for directional adjustment when aiming the product to the desired angle. Only loosen or tighten the bracket knobs using your bare hands. Using tools could damage the knobs.

Mounting Diagram



4. OPERATION

Using the Wired Remote

Trigger the Hurricane™ 700 by using the included wired remote. This remote has an LED indicator, which is used to indicate when the fogger has reached the required operating temperature.

The button on the remote is momentary.

The length of the wired remote is 13 ft (4 m).



Fill the fluid reservoir with fog fluid before operating the Hurricane™ 700!

AC-W wireless controller is now available for use with the Hurricane 700 (V2). The AC-W is a wireless trigger that does not need an external power supply — easy setup and easy teardown.

In addition, the AC-W has an operation range of 100 ft (unobstructed) for increased flexibility enabling the attached machines to be triggered from almost anywhere.

To purchase the AC-W, call Chauvet Lighting at (954) 929-1115 or visit our website: <http://www.chauvetlighting.com>.



NEW!

5. TECHNICAL INFORMATION

General Maintenance

Do not allow the fog machine to become contaminated. Chauvet recommends after every 40 hours of continuous operation, run a cleaning solution composed of 80% distilled water and 20% distilled vinegar through the system to prevent the accumulation of particulate matter in the heating element.

The recommended cleaning regimen is:

1. Empty all fog liquid from the machine. Add cleaning solution to tank. Plug unit in and begin warm up.
2. Run the unit in a well-ventilated area until the tank is almost empty. Do not allow the pump to run dry.
3. Cleaning is now complete. Refill with fog liquid. Run the machine briefly to clear any cleaning solution from the pump and heater.
4. Do not operate the machine without liquid at any time.



FCQ (Fog Cleaner Quart) was specifically developed by Chauvet to clean your Hurricane™ 700. Make sure you use FCQ regularly to increase the life of your fogger.

Storage

1. When storing run distilled water (not tap water) through the system as described in the cleaning regimen above. This will help avoid any particles condensing inside the pump or heater.
2. It is strongly recommended to test-run the machine on a monthly basis in order to achieve its best fogging condition.



- **Never place the fog/hazer machine on any flammable material (i.e. carpet, fabric etc.) during operation. All fog/hazer machines should always be on a non-flammable surface, such as concrete or tile.**
- **Depending on the amount of fog/haze generated, all fog machines may set off smoke detectors.**

General Troubleshooting

Symptom	Possible Cause	Possible Action
Circuit breaker or fuse keeps blowing	<ul style="list-style-type: none">Excessive load on the circuit	<ul style="list-style-type: none">Make sure that the total load does not exceed 80% of the breaker or fuse nominal current
	<ul style="list-style-type: none">Short circuit along the power lines	<ul style="list-style-type: none">Check the power lines and power cords
Product does not power up	<ul style="list-style-type: none">No energy on power outlet	<ul style="list-style-type: none">Check power outletChange to another outlet
	<ul style="list-style-type: none">Loose or damaged power cord	<ul style="list-style-type: none">Check the power cord
	<ul style="list-style-type: none">Blown fuse	<ul style="list-style-type: none">Replace blown fuse with a good one of the same type and rating
	<ul style="list-style-type: none">Internal problem	<ul style="list-style-type: none">Send product for repair



If you still experience problems after trying the above solutions, contact CHAUVET® Technical Support.

Returns Procedure

The user must send the merchandise prepaid, in the original box, and with its original packing and accessories. CHAUVET® will not issue call tags.

Call CHAUVET® and request a Return Merchandise Authorization Number (RMA #) before shipping the product. Be prepared to provide the model number, serial number, and a brief description of the cause for the return.

The user must clearly label the package with a Return Merchandise Authorization Number (RMA #). CHAUVET® will refuse any product returned without an RMA #.



DO NOT write the RMA # directly on the box. Instead, write it on a properly affixed label.

Once you have received the RMA #, please include the following information on a piece of paper inside the box:

- Your name
- Your address
- Your phone number
- The RMA #
- A brief description of the problem

Be sure to pack the product properly. Any shipping damage resulting from inadequate packaging will be the customer's responsibility. As a suggestion, proper UPS packing or double-boxing is always a safe method to use.



CHAUVET® reserves the right to use its own discretion to repair or replace returned product(s).

Contact Information

World Headquarters

CHAUVET®

General Information

Address: 5200 NW 108th Avenue
Sunrise, FL 33351
Voice: (954) 929-1115
Fax: (954) 929-5560
Toll free: (800) 762-1084

Technical Support

Voice: (954) 929-1115 (Press 4)
Fax: (954) 756-8015

World Wide Web www.chauvetlighting.com

United Kingdom & Ireland

CHAUVET® Europe Ltd.

General Information

Address: Unit 1C
Brookhill Road Industrial Estate
Pinxton, Nottingham, UK
NG16 6NT
Voice: +44 (0)1773 511115
Fax: +44 (0)1773 511110
Email: uktech@chauvetlighting.com

World Wide Web www.chauvetlighting.co.uk

6. TECHNICAL SPECIFICATIONS

Dimensions and Weight

Length	Width	Height	Weight
8.5 in (215 mm)	7.1 in (180 mm)	4.9 in (124 mm)	4.05 lbs (1.84 kg)

Note: Dimensions in inches rounded to the nearest decimal digit.

Power

Power Supply Type	Range	Voltage Selection
Model-specific	115 V, 60 Hz or 230 V, 50 Hz	N/A
Model	120 V, 60 Hz	230 V, 50 Hz
Consumption	471 W (3.93 A)	471 W (2.05 A)
Power I/O	Input	Output
Connectors	IEC	N/A
Cord plug	Edison	N/A
Fuse size	120 V, 60 Hz	230 V, 50 Hz
Rating	F 5 A, 250 V	F 3 A, 250 V

Operating Parameters

Fluid Consumption	Fog Output	Heat-up Time
7.5 mL / min	1,500 cfm	2.5 min
Tank Capacity		
0.6 L		

Thermal

Maximum External Temp.	Cooling System
104° F (40° C)	Convection

Ordering

120 V, 60 Hz

Item Name	Item Number	Item Code
Hurricane™ 700	H700	09070161

230 V, 50 Hz

Item Name	Item Number	Item Code
Hurricane™ 700 220V	220VH700	09070323

Approved Fog Fluids

Item Name	Item Number	Item Code
Standard Fog Fluid (gallon)	FJU	14070153

Item Name	Item Number	Item Code
Standard Fog Fluid (quart)	FJQ	14070152

Item Name	Item Number	Item Code
High Density Fog Fluid (gallon)	HDF	14070163