



Fobbles
F8 Pro Fog Bubble Machine

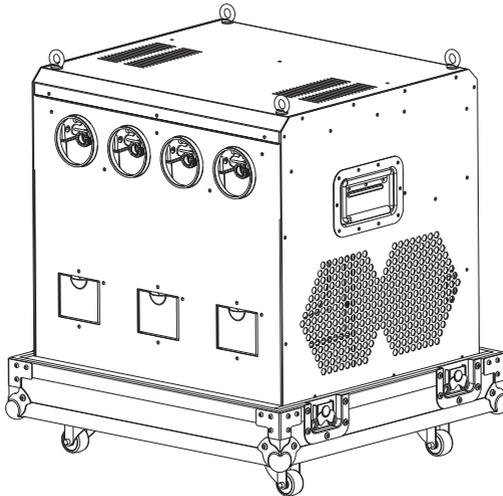




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1 BEFORE YOU BEGIN

1.1 What Is Included

- FOBBLES F8 PRO Fog Bubble Machine × 1
- Power Cord × 1
- User Manual × 1
- Flight Case × 1

1.2 Unpacking Instructions

Carefully unpack the product immediately and check the container to make sure all the parts are in good condition. If the box or the contents (the product and included accessories) appear damaged from shipping, or show signs of mishandling, notify the carrier or dealer/seller immediately. In addition, keep the box and contents for inspection.

1.3 Symbols

Symbol	Meaning
	Caution 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.
	Important Important installation or configuration information. Failure to comply with this information may keep the product from working correctly.
	Information Useful information.

1.4 Disclaimer

The information and specifications contained in this User Manual are subject to change without notice. FROGGY'S FOG assumes no responsibility or liability for any errors or omissions and reserves the right to revise or to create this manual at any time.

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1.5 Safety Notes

Please read the following safety notes carefully before working with the product. The notes include important safety information about installation, usage, and maintenance.

1.5.1 Personal Safety

- Always connect the product to a grounded circuit to avoid the risk of electrocution.
- During heating up and operation, the housing will be hot. Avoid contact.
- **The product is very hot during operation, and it remains hot for a long time after operation has stopped. Do not touch the products nozzle.**
- Never drink fog or bubble liquid. If it is ingested, call a doctor immediately for any discomfort. If liquid comes in contact with skin or eyes, rinse thoroughly with water.



1.5.2 Mounting and Rigging

- To prevent risk of fire or shock, do not expose the product to rain or moisture.
- CAUTION: When transferring product from extreme temperature environments, (e.g., cold truck to warm humid ballroom) condensation may form on the internal electronics of the product. To avoid causing a failure, allow product to fully acclimate to the surrounding environment before connecting it to power.
- Do not mount the product on a flammable surface (linoleum, carpet, wood, paper, carton, plastic, etc.).
- Do not use in a confined space. Always install the product in a location with adequate ventilation, at least 20 in (50 cm) from adjacent surfaces.
- Be sure that no ventilation slots on the product's housing are blocked.
- when hanging, please use the safety cables to fix four safety loops on the top cover and two handles on side cover.

1.5.3 Power and Wiring

- Always make sure that the voltage of the outlet to which you are connecting the product is within the range stated on the decal or rear panel of the product.
- Make sure the power cord is not crimped or damaged.
- Do not connect the machine to a dimming controller or rheostat.
- Never disconnect the product from power cord by pulling or tugging on the cord.
- 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.

1.5.4 Installation Instructions

- Do not operate this product if you see damage to the housing or cables. Have the damaged parts replaced by an authorized technician before resuming operation.
- Make sure there are no flammable materials close to this product while it is operating.
- Do not cover or plug the output nozzle during operation.
- Do not cover the ventilation slots when operating to avoid internal overheating.
- Wipe up unspent fluid immediately. Moisture – also fluid – can destroy the electronic components.
- Never carry the product by the power cord or any moving part. Always use the handles.
- The maximum ambient temperature is 104 °F (40 °C). Do not operate the product at higher temperatures.
- Drain the tank before transporting the product to ensure spill free transportation. Bubble and fog fluid tanks shall be used for their respective fluid only.
- Always disconnect the product from the power source before cleaning.
- This product contains no user-serviceable parts. Any reference to servicing in this User Manual will only apply to properly trained, certified technicians. Do not open the housing or attempt any repairs which can lead to damage or malfunction.
- In the event of a serious operating problem, stop using the product immediately.
- Use only FROGGY'S FOG brand fluid. Fobbles premium bubble fluid and Fobbles quick dissipating fog fluid are recommended.
- Only specifically designed water-based scent additives may be added to the fog fluid. Never add flammable liquids of any kind (oil, gas, non-application specific perfumes). Pay attention to all warning labels and instructions printed on the exterior of your machine.



Please save this manual for future use.



2 INTRODUCTION

2.1 Description

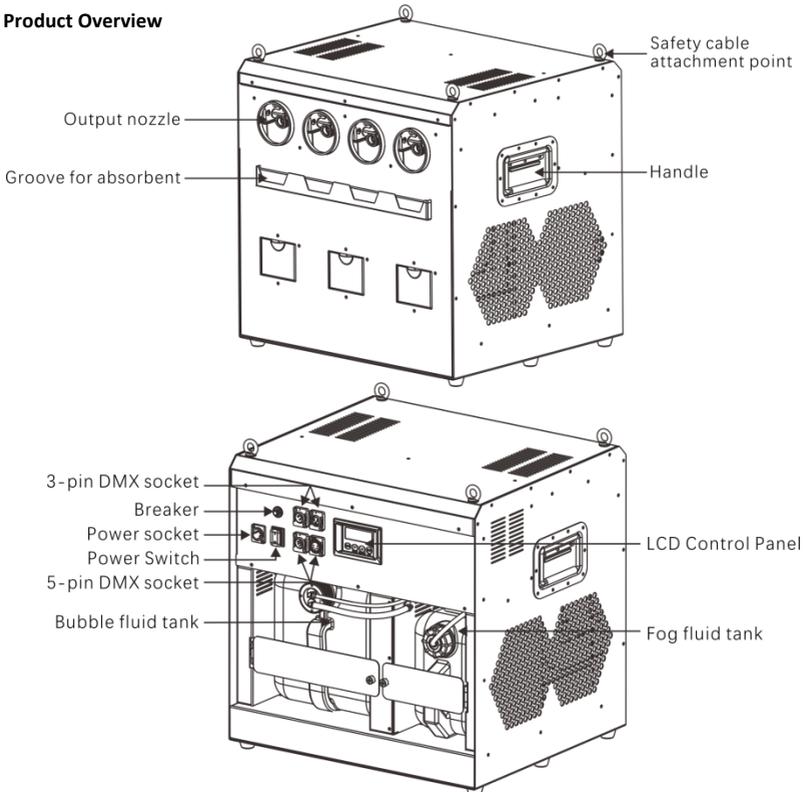
FROGGY'S FOG FOBBLES F8 PRO is a newly launched professional bubble fog machine for big stages and event halls. The 4-nozzle design can help produce a huge number of bubbles filled with fog. The innovative and patented Jet-design ensures fog is encapsulated inside the bubbles, while avoiding ambient fog dispersing in the air. The height and distance of the fog bubble can be adjusted by adjusting the air outlet angles. Bubble fluid is stored and sealed in the tank minimizing contamination and ensuring a high quality show.

2.2 Features

- Innovative Jet design, create massive amount of fog filled bubbles with low amounts of unencapsulated fog.
- Application designed heating system releases the fog evenly and consistently.
- Three fans with adjustable deflectors make the fog bubble fly higher and further.
- Built-in backlit LCD control, 3-pin and 5-pin DMX control and timer control.
- Large fluid tanks offer a long running time at full output.

Note: The actual effect may be affected by the ambient environment.

2.3 Product Overview





3 TECHNICAL SPECIFICATIONS

AC Power	Input Voltage & Rate	AC 110-120 V, 50/60 Hz
	Current Limiter Type	Breaker
	Current Limiter Specifications	15A, 250 V
	Total Power Consumption	1,600 W
Heating	Heat Up Time	Appr. 3.5 min
Capacity	Bubble Fluid Tank Capacity	2.4 Gal / 9 L
	Fog Fluid Tank Capacity	1.3 Gal / 5 L
Output	Adjustable Output	√
	Max Fog Output Volume	Appr. 6,000 CFM
	Max Output Height	Appr. 30 ft.
	Max Output Distance	Appr. 30 ft.
	Fog Fluid Consumption (100% Output)	Appr. 350 min/gal
	Bubble Fluid consumption (100% Output)	Appr. 48.1 min/gal
Placement & Mounting	Horizontal	√
	Inclined	×
	Sidelong	×
	Hang Upside Down	×
	Rigging & Trussing	√
Control	On-device Manual Control	LCD control board
	Wireless Control	×
	Wired Control	DMX
	Control Protocol	DMX512
	DMX Channel Range	4
Fluid	Fluid	Fobbles Bubble Liquid and Fobbles Fog Liquid
Weight & Dimensions	Net Weight	88.2 lbs.
	Gross Weight	133.3 lbs.
	Machine Dimensions	21 / 18.5 / 22 in.
	Flight Case Dimensions	25.2 / 23.2 / 28.5 in

4 SETUP

4.1 AC Power

The Fobbles F8 Pro machine has an input voltage of AC 110 V-120 V, 50/60 Hz.

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 (circuit breaker or fuse). Make sure the product has an appropriate electrical ground to avoid the risk of electrocution or fire.



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.

4.2 AC Plug

The FOBBLES F8 PRO Supper Bubble Fogger comes with a power input cord terminated with a lockable power connector on one end.

If the power input cord that came with your product has no plug, or if you need the change the plug, use the table below to wire the new plug:

Connection	Wire (U.S.)	Wire (Europe)
AC Live	Black	Brown
AC Neutral	White	Blue
AC Ground	Green/Yellow	Green/Yellow

4.3 Reset Breaker

- The unit is equipped with a resettable breaker. If the breaker trips, the unit will be disconnected from the power.

To Reset:

- Disconnect the machine from the power.
- Wait for about 15 minutes till the unit cools down.
- After that, manually press the button of the breaker to reset it.
- Reconnect the machine to the power outlet and continue to use it as recommended.

4.4 DMX Linking

You can link the machine to a DMX controller using a 3- or 5-pin DMX connection. If using other DMX-compatible products with this product, you can control each individually with a single DMX controller. Instructions for connecting and configuring this product for DMX operation are listed further in the manual.

4.5 Mounting

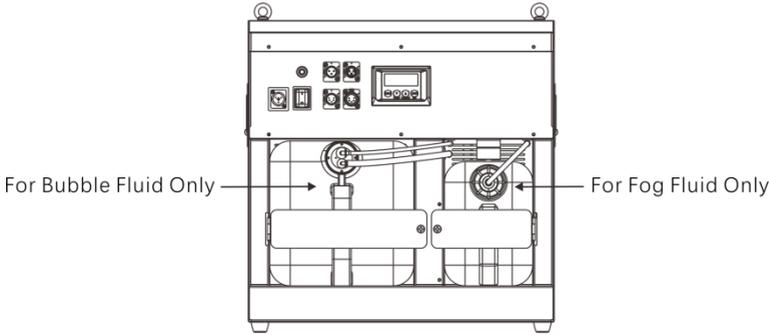
Before mounting the product, read and follow the safety recommendations indicated in the Safety Notes.

4.5.1 Orientation

For safety reasons, make sure the unit is well mounted through bracket and with safety cable. Also make sure there is adequate room for ventilation, configuration, and maintenance.



Do not mix bubble fluid and fog fluid.



4.5.2 Rigging

Using the following general guidelines when mounting this product:

- Before deciding on a location for the product, make sure there is easy access to the product for maintenance and programming purposes.
- Make sure that the structure or surface onto which you are mounting the product can support the product’s weight (see the Technical Specifications).
- When mounting the product on the floor, make sure that the product and cables are away from people and vehicles.

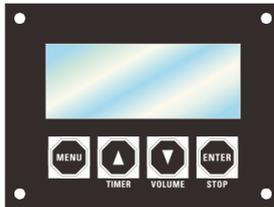
5 OPERATION

5.1 Preparing for Operation

- After checking that all the parts are intact and complete, position the machine on flat surface.
- Withdraw the fluid tanks from their compartments and remove the caps. Add bubble fluid and fog fluid to their respective tanks.
- Verify that the plastic hoses attached to the cap are in place and in good condition without crimps.
- Always connect the product to a grounded circuit. Before powering on, make sure it is supplied with the rated voltage.
- Turn on the machine, and “Warming up” shows on the display during the heating-up process. After approx. 3 minutes, the display changes to “Ready to work” when the machine finishes heating.

5.2 On-device Control Mode & Operation

To access the control panel functions, use the four buttons located underneath the LCD display.



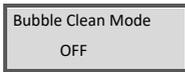
Button	Function
MENU	Switch menu pages to select a function
▲TIMER	Increases the numeric value of current function Trigger TMER output mode



Button	Function
▼ VOLUME	Decreases the numeric value of current function Trigger manual VOLUME output mode
ENTER	Save settings STOP turns the fog output off

5.2.1 Menu Map

	Display	Description	Parameter Range
Standby page	Fobbles F8 Pro Version XX	Firmware Information	
	Fobbles F8 Pro AC-120V 60Hz	Voltage Information	
	Heating Up >>>>>>>>>	The unit is heating.	
	Ready FOBBLES F8 PRO	After about 3 minutes heating, the unit is ready to emit fog.	
Setting Pages	Fog Output 100%	Press ▲ and ▼ button to set fog level in VOLUME mode.	1-100%
	Bubble Output ON	Press ▲ and ▼ button to set bubble function in VOLUME mode.	ON/OFF
	Fan Speed 100%	Press ▲ and ▼ button to set fan speed in VOLUME mode.	1-100%
	Timer Interval 600s	Press ▲ and ▼ button to set interval under TIMER mode.	5-600s
	Timer Duration 300s	Press ▲ and ▼ button to set duration under TIMER mode.	5-300s
	DMX Address 512	Press ▲ and ▼ button to set DMX starting address.	1 - 512

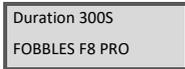


Press **UP** or **DOWN** to set Bubble cleaning mode ON/OFF.
 (When cleaning mode is ON, it will override all the other functions. Default cleaning time is 1 minute without turning of the mode manually.) ON/OFF



This page shows remaining interval when the unit is working in TIMER mode.

Working Status Page



This page shows remaining duration when the unit is working in TIMER mode



This is the page shows when the unit is working in VOLUME mode. Press **▲** and **▼** button to set fog level in VOLUME mode.

Error Status Page



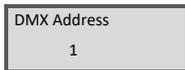
The fog fluid heater will require service.

5.3 DMX Mode & Operation

FOBBLES F8 PRO Super Bubble Fogger works with a DMX controller.

- Connect the product to a suitable power outlet.
- Turn the product on.
- Connect a DMX cable from the DMX output of the DMX controller to the DMX input socket on the product.

5.3.1 DMX Working Page



Pressing **▲** or **▼** to set the DMX starting address 1 - 512

Standby and setup page



When setting the DMX starting address, the number of channels (4) occupied by the DMX mode must be considered. If the starting address is too high, some channels may not be controlled.

In DMX mode, each machine responds to the control of the DMX controller through its own unique starting address. Machines with the same starting address will be synchronized accordingly.



When connected with DMX controller and receiving DMX signal, the LCD display will always show current DMX starting address which can be adjusted by pressing **▲** or **▼**.

5.3.2 DMX Channel Assignments and Values

FOBBLES F8 PRO Bubble Fogger has 4 DMX channels and can be connected by 3-pin or 5-pin DMX sockets. Set the DMX start address within the range of 001-512.



Channel	Function	Value	Description
1	Bubble Output	0-10	OFF
		11-255	ON
2	Fog Output	0-10	OFF
		11-255	Fog volume, low to high
3	Fan Output	0-10	OFF
		11-255	Fan speed, low to high
4	Bubble Cleaning Mode	0-10	OFF
		11-255	When Bubble cleaning mode is ON, overriding other functions

6 TECHNICAL INFORMATION

6.1 Maintenance

Do not allow the FOBBLES F8 PRO to become clogged due to residue buildup of bubble and fog fluid. Cleaning and preventative maintenance are necessary to keep your machine running issue free. Please follow these instructions for safely cleaning of your Fobbles machine if output become noticeably decreased. The bubble mechanism should be rinsed ideally after ever use to minimize residue build up. Typical service intervals for the fog heater core are every 40 hrs. of machine use. High quality fluid is recommended by the manufacturer to lengthen the amount of time between periods of maintenance as described below.

Tools: Clean lint free cloth, coffee filter or similar fine mesh filter cloth, several plastic or glass containers (do not use metal), distilled water and Froggy's Fog fluid.

The recommended cleaning procedures are as follows.

General Maintenance

1. Unplug the product from power.
2. Remove dust from air vents with air compressor, vacuum, or soft brush. Excessive dust, fluid residue and dirt will degrade performance and cause overheating.
3. Wipe machine body clean with clean lint free cloth.
4. Store the machine in a cool, dry place when not in use. Avoid freezing temperatures, high heat above 120 degrees and humid/damp locations which could cause control board electrical issues.

Fog System

1. Remove the cap assembly from the fog fluid reservoir.
2. Dip the fog fluid intake tube into a container with distilled water.
3. Connect the product to power and allow it to warm up.
4. Operate the machine on 100% fog for 10 minutes in a well ventilated area. fog will come out in the first moments, followed by steam. Do not allow the pump to run dry.
5. After 10 minutes of operation, swap the fog intake tube into a container of fresh fog fluid and briefly run the machine for 2 additional minutes.
6. The fog fluid in the internal plumbing of the machine acts as lubricant for the fog pump's plastic and rubber components during storage.
7. Turn off the machine and empty any residual fog fluid from the fog reservoir. The fluid may be filtered into a container for reuse.
8. Restore the hoses and caps. Store the unit for next use once the machine is cool to the touch.

Bubble System

1. Remove the cap assembly from the bubble fluid reservoir.



2. Dip the bubble fluid intake tube into a vessel with hot tap water and the unspent fluid return tube into a 2nd empty vessel for drainage.
3. Run the Bubble Cleaning Mode through the Menu or DMX to rinse/drain the bubble system. The flush cycle is 1 minute.
4. If the bubble unit will not be used within a week, drain the bubble fluid from the reservoir and rinse the tank with hot tap water.
5. Restore the hoses and caps. Store the unit for next use once the machine is cool to the touch.



Test-run your FROGGY'S FOG® FOBBLES F8 PRO monthly to achieve the best performance.

6.2 Storage

Before storing the machine, clean it and empty the fluid tank.

7 WARRANTY

Save these instructions. 2 Year Limited Warranty: Valid from the date of purchase. Warranty covers manufacturing defects only and does not cover misuse or abuse of the machine. Serial number, place of purchase with dated valid receipt must be submitted at time of service. Warranty is only valid within the United States (Lower 48). Buyer may be responsible for shipping fees associated with repairs.