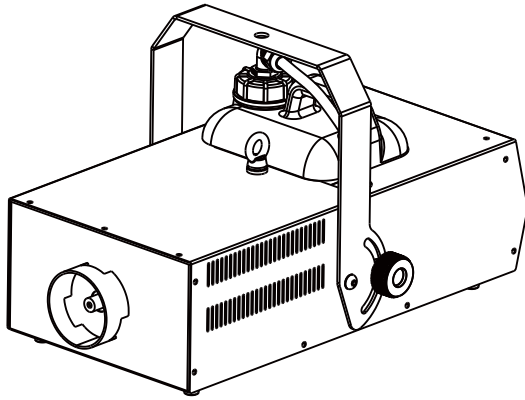




[PRO STAGE EFFECTS]



H-6

PRO FOG MACHINE

USER MANUAL

1 BEFORE YOU BEGIN

1.1 What Is Included




H-6 PRO Fog Machine × 1 W-4 Wireless Remote Controller × 1 Power Cord × 1 User Manual × 1

1.2 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.

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. DJPOWER assumes no responsibility or liability for any errors or omissions and reserves the right to revise or to create this manual at any time. Copyright © 2021 DJPOWER. All rights reserved.

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.
- Make sure that children, unauthorized people and animals do not obtain access to the machine.

1.5.2 Mounting and Rigging

- The product is for indoor use! 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.

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 the 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 Operation

- Keep the fixture dry. For indoor and outdoor use.
- Use grounded electrical outlet. Prior to use, make sure that unit is installed at the rated voltage.
- Turn off or unplug when not using it.
- This machine is not water-proof. Please keep it away from moisture and water. If moisture, water, or fluid gets inside the housing, stop using it.
- No user serviceable and modifiable parts inside. Do not disassemble the housing and do any modification, otherwise it might cause damage to the unit or danger of burning.
- For adult use only. Fixture must be installed out of the reach of children. Never leave the unit running unattended. Keep it away from fire, combustible and flammable materials.
- Position the machine in well-ventilated area. Please leave about 50cm spaces surrounding the unit.
- Please do not use the fixture under high temperature.
- Never add flammable liquids of any kind(oil, gas, perfume)to the fog liquid.
- If something wrong happen while using, please stop the fixture immediately, cut off the power, and check the fog liquid amount, fuse, power cable and power plug. If problem could not be resolved, please contact with your dealer.
- Use only DJPOWER high-quality PRO-A or PRO-D fog liquid
- Never drink 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.

2 INTRODUCTION

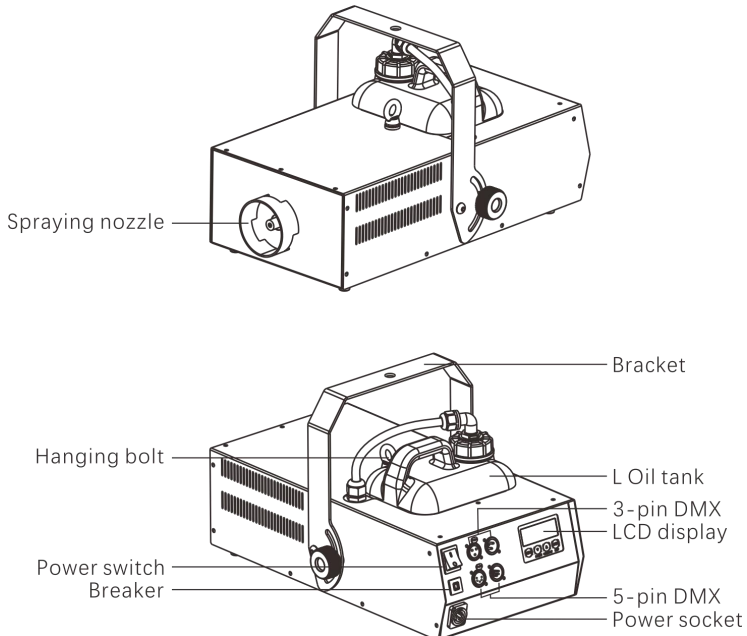
2.1 Product Description

As a small size high-end fog machine, H-6 equips with "Immediate-Stop" patented technology, electronic temperature control system, high precision temperature control PCB and brand new professional fog generator. Built-in LCD control panel enable timing and quantitative work, adjustable fog output. It produces voluminous even and odor-free fog. Fill up a venue in short time. Smooth and stable smoke even at 1% output.

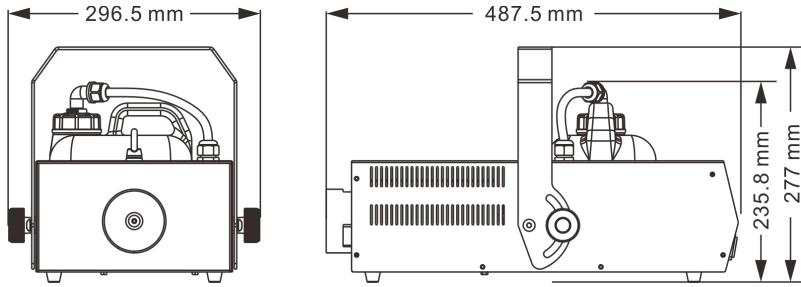
2.2 Features

- Available for timing, output 1-100% precisely adjustable;
- 100% output—30seconds continuous work; 1-10% output—work ceaselessly;
- Super stable and durable;
- Small and lightweight;
- No fluid protection;
- Unique "Immediate-Stop" patented technology;
- Anti-loose power plug;
- Built-in LCD control, wireless control and DMX control. Equipped with 3-pin and 5-pin DMX sockets;
- Please use DJPOWER professional fog fluid PRO-A or PRO-D.

2.3 Product Overview



2.4 Product Dimensions



3 TECHNICAL SPECIFICATIONS

	Input Voltage & Rate	AC 220-240 V, 50/60 Hz
AC Power	Current Limiter Specifications	8 A/250 V
	Total Power Consumption	1,500 W
Heating	Heat Up Time	4 min
Capacity	Tank Capacity	3 L
	Output	20,000 cuft/min
Output:	Fluid Consumption Rate	10 min/L
	Max Output Distance	6 m
	Wireless Remote Controller	W-4
Control	DMX-512	√
	DMX Channel	1
Consumables	Consumables	PRO-A or PRO-D Fog Fluid
	Net Weight	9 kg
Weight & Dimensions	Gross Weight	9.8 kg
	Machine Size	487.5 × 296.5 × 235.8 mm
	Package Size	545 × 330 × 275 mm

4 SETUP

4.1 AC Power

The machine has two kinds of voltage power supply, it can work with an input voltage of AC 110 V-120 V, 50/60 Hz or AC 220 V-240 V, 50/60 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 (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 Installation

- 1、 After ensuring all the accessories are intact, position the machine on a flat surface, and open the cover of the road case in front.
- 2、 Press the oil tank's quick connector by thumb and forefinger, and take it out quickly to disconnect the tube and the oil tank. Take out the tank and uncover the cap. Pour the liquid PRO-A into the tank carefully, then tighten the cap. Put the tank into the machine and push the connector lightly to connect the tube and oil tank.
- 3、 Connect the power cord to the machine. Please make sure the required and provided electricity voltage and the electricity outlet is grounded.
- 4、 It requires about 4 minutes for heating up. When the process of heating up finishes, the LCD display will show "Ready To Fog"

4.3 Operation

Wireless remote function

Without interference, the remote can control the unit in the distance of 50m. Under DMX control, wireless control will not work.

There are two buttons on the remote: ON/OFF.

One unit can remember five different programming. This enables each unit to be controlled separately when being used together.

4.4 Register wireless remote

When the unit is powered on, and the wireless status is ON, the LCD display will show "wireless setup". In such case, user can register the wireless remote by pressing any button for 1s on the remote. If the LCD display flickers twice, then it is matched with the unit successfully. One unit can match with 5 different programming remotes at most. If user register the sixth one, then the memory for the first one will be erased.

If the unit has matched with 5 remotes, when powered off. It will remember those remotes, while if user tries to register another one, then the memory for the five remotes will be erased.

For example:

- ① If one unit needs to be registered with three remotes, during 15s after the machine is powered on, press buttons on the three remotes to register them. Make sure the LCD display flickers twice.
- ② If two units need to be controlled by one remoter. Power on both machine, and press button on the remote. Make sure both units' LCD display flicker twice.

4.5 Wireless remote control



Press ON button to run the unit or OFF button to stop it.

When the machine is under wireless remote control, the haze output is the one set by VOLUME OUT. For example, if the VOLUME OUT is 1%, then it will be 1% when controlled by wireless remote.

Note:

1. When register the wireless remote, please make sure the LCD display flicker twice. Then release the ON button. Otherwise, it might fail.
2. If the wireless remote is under OFF status, when the machine is powered on again. The LCD display will not show “wireless setup”
3. Wireless remote control will void if the unit is connected to DMX.

LCD Control

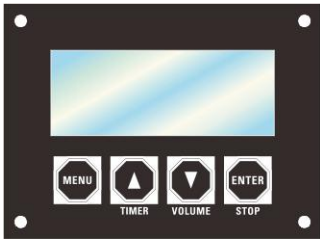
LCD display has Chinese and English for alternative to cater to different customers' demands.

Please take note LCD control is void when the unit is connected to DMX.

LCD display has 4 buttons., see below:

4.6 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
▲	Increases the numeric value of current function Trigger TIMER output mode
▼	Decreases the numeric value of current function Trigger Manual output mode
<ENTER>	Save settings STOP turns the fog output off

4.6.1 Menu Map

	Display	Description	Parameter Range
Standby page	READY to FOG >>>>>>>>>>	Machine finishes heating.	
Setting Pages	Interval Set 1S	Press ▲ and ▼ button to set interval under TIMER mode.	1~200s
	Duration Set 1S	Press ▲ and ▼ button to set duration under TIMER mode.	1~200s
	Timer out 1S	1%~100% haze output under TIMER mode	1%~100%
	Volume out 1%	1%~100% haze output under Volume mode	1%~100%

DMX 512 ADD 1	Press ▲ and ▼ button to set DMX starting address.	1~512
Wireless set on	Wireless remote on/off	on/off
Fluid Sensor on	Oil-free protection On/Off	on/off
Language Chinese	Choose English or Chinese of the menu	English or Chinese

- Under any setting pages, press " STOP " to exit or return to the page one.
- When the unit is working, press "STOP " to stop running and return to the page one.
- After enter into different setting pages, press "UP" and " DOWN " to change the value.
- When it is in the page one, press " TIMER " button to enter into timer mode.

4.7 DMX Control

When the unit is connected to DMX, LCD display will show the address value. In such case, press UP and DOWN button to change the address.

There is one DMX channels.

Fog output: 0~5 OFF; 6~255 increase

5 TECHNICAL INFORMATION

5.1 Service and Maintenance

- 1、 Please use DJPOWER fluid. It will prolong the lifetime of machines. To avoid danger, it is not allowed to take machine apart by unprofessional man. Neither to refit the machine.
- 2、 Excessive dust, fluid residue and dirt will degrade performance and cause overheating. Remove dust from air vents with air compressor, vacuum or a soft brush. The casing could be cleaned by the damp cloth.
- 3、 Before storing, run distilled water through the heating system to help avoid blocking the electric heating element.
- 4、 It is recommended to run the machine on a monthly basis in order to achieve best performance and output condition.
- 5、 All smoke machine will be blocked because of the inferior liquid or frequent use. Periodic maintenance is necessary for long term use. After 40 hours continuous working, please spray 10-15 times with the detergent composed of 35% vinegar and 65% distilled water.
- 6、 Please properly operate the machine comply with user manual.

6 FOG MACHINE FLUID BLOWOUT AND HEATER BLOCKING PHENOMENON ANALYSIS

Please use the original consumables, protect your health and life of machine

A. Fluid injection trouble: Refers to the fog fluid atomizing in the heater pipe of the machine is not good, heater temperature cannot be timely and effective transmit to the fog fluid, fog fluid cannot all atomization and lead to fluid injection.

First reason: Using the low quality or counterfeit fog fluid, low quality fog fluid have more impurities, easy to adhere to the pipe wall and hindered.

First reason: Using the low quality or counterfeit fog fluid, low quality fog fluid have more impurities, easy to adhere to the pipe wall and hindered temperature transmission result in incomplete atomization caused fluid injection.

Second reason: using an incorrect fog fluid. Different fog fluid have different required atomization temperature. If you use the wrong fog fluid result in oil cannot fully atomization caused oil injection.(fig 1)

B. Heater blocking trouble: poor atomization fluid injection is the early signs of heater block. Using poor quality fog fluid or not timely maintenance cleaning the fog machine for a long time. Inevitable will appear the terminal symptom of heater blocking.

Reason: heater blocked is because used inferior fog fluid or not maintenance for a long time. Have nothing to do with the quality of machine. Like a car with poor quality gasoline produce poor fluid circuit failure or long-time no maintenance the car will inevitably appear bigger problems. (fig 2)

C. Solutions to these problems: fog machine heating pipes used for a long time and then the pipe wall will easily produce sediments (The more inferior fog fluid the more impurities thus lead to fluid injection or blocked). All fog machines need regular maintenance (fog machine maintenance cycle for 1 to 2 months/time). Specific maintenance method: after heating the 35% white vinegar plus 65% distilled water and then spray 10 to 15 times.

Conclusion: As long as the fog machine with fluid injection or heater blocking after using a period of time. It was caused by fog fluid quality or lack of maintenance, has nothing to do with the quality of the machine. Please use the original high quality fog fluid and timely maintain it, then it can be used for a long time.

