

USER MANUAL

X-H2 Haze Generator

V1.1

2024/06/25



SHOWVEN Technologies Co., Ltd.

Thanks for choosing SHOWVEN® X-H2 haze generator, we wish it will bring you lots of exciting moments. Please read the following manual carefully before operating this product. Operate according to instructions is very important for safety, and can elongate the service life of the machine.

Δ **Warning**

- ∨ This product is only suitable for qualified or skilled operators who has experience with the technology of the device.
- ∨ Unauthorized repair are prohibited, it may cause serious incident
- ∨ Make sure power supply is consistent with the rated voltage of the equipment, and the socket must be well grounded. Unplug and turn off the machine when not use
- ∨ X-H2 can be used both indoor and outdoor, but please keep it dry.
- ∨ This machine is not waterproof, please keep the machine away from rain, snow and humidity. Please do not use it when it is soaked in water or there is fog fluid leakage.
- ∨ Not use the machine in high temperature.
- ∨ Installed in well ventilated area, ensure at least 50cm space around the machine, cover of the nozzle is forbidden.
- ∨ For adult use only, keep it away from children, fire, inflammable and explosive articles.
- ∨ If the machine fails to work, please stop operation and unplug the machine. Check fog fluid bottle, fuse, power connection etc. carefully, if can't solve the problem, please contact SHOWVEN (info@showven.cn) or your local SHOWVEN partner for advice.
- ∨ X-H2 is very sensitive to the fluid quality, be sure to use SHOWVEN original FX-HF fog fluid, other fluid will lead to clog, fluid spill or malfunction.
- ∨ In case of eye contact of fog fluid, please wash it with clean water. If fluid is swallowed immediately look for medical advice.
- ∨ Please do NOT adding any other material such as grease, pigment, gas etc to the fluid bottle or water tank.
- ∨ The device shall not be altered and applied to other use purpose.

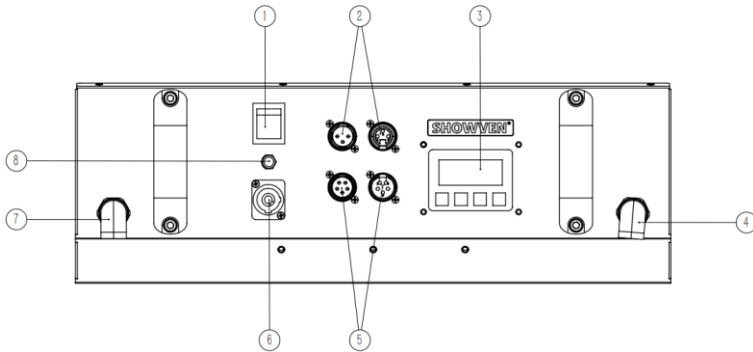
Δ **Functional Characteristics**

- ∨ Massive haze output with wide coverage
- ∨ Flight case design with casters, convenient for touring
- ∨ Dual pump system, can fueling machine in working status
- ∨ Low fluid protection with pressure monitoring
- ∨ Whole machine module design, easier maintenance
- ∨ Haze output angle adjustable with baffle plate
- ∨ Integrated molding blower shell, quieter output

Δ Technical Specifications

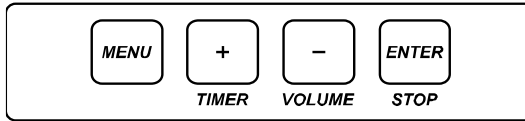
- \ **MODEL:** X-H2
- \ **DIMENSION:** 845x510x850mm
- \ **WEIGHT:** 75kg
- \ **VOLTAGE:** AC 220-240V, 50/60Hz
- \ **POWER:** 3000W
- \ **HEAT UP TIME:** Appr. 10min
- \ **CONTROL:** DMX, 2 Channels
- \ **INTERFACE:** 3-pin&5-pin DMX IN/OUT
- \ **MAX. HAZE OUTPUT:** 50000cfm
- \ **HAZE ANGLE ADJUSTMENT:** 0-90 degree
- \ **CONSUMABLE:** FX-HF
- \ **FLUID TANK CAPACITY:** 4L * 2
- \ **FLUID CONSUMPTION RATE:** 350ml/min
- \ **CONTINUOUS HAZE OUTPUT:** YES (when fog output < 80%)

Δ Overview of Control Panel



1. Power Switch
2. 3-pin DMX socket
3. LCD screen
4. Fluid pipe B
5. 5-pin DMX socket
6. Power IN socket
7. Fluid pipe A
8. Fuse

Δ Operation Panel



1. Button Functions:

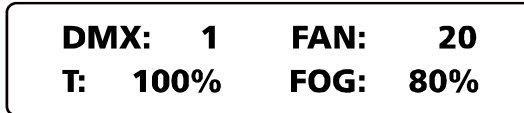
MENU: switch through setup menu

+: Parameter up; multiplex "TIMER" (haze output time);

-: Parameters down; multiplex "VOLUME" (haze output start)

ENTER: confirm and save parameters (screen will blink once when save successfully); multiplex "STOP".

2. Main Interface:



First Line: DMX address and Fan Speed, ":" blinks when there is DMX in signal

Second Line: Shows machine core temperature and Haze Volume. The machine ready for operate when temperature value close to 100%

3. Alert Message:

Alert Message	Why it appears	How to remove
E1 PumpProtect	Fog Fluid Tank Empty	Fill the fog fluid tank
E2 Temp. Sensor	Temp. Sensor Malfunction	Replace the Temp. Sensor
E5 K Temp. Over	Circuit board malfunction	Replace the main board
E6 Heat Fail	Heater broken or circuit board malfunction	Replace the heater aluminum or main board

4. Interface setup:

Press "MENU" to switch through setup menu.

Menu	Range	Explanation
DMX Address	1~511	DMX address setup
Interval Set	1-200	Set haze output interval
Duration Set	1-200	Set haze output duration
Volume Out	1-100%	Haze output volume setup
Fan Speed	1-100%	Fan speed setup
Safety Level	500-550	Set the safety threshold of pump protect
Pump Protect	ON / OFF	Low fluid level protection ON/OFF
Oil can Select	Auto Switch / Right Oil can / Left	Auto Switch: auto switch between two fluid bottle when one of the bottle empty

	Oil can	Right Oil can: only use fog fluid right fluid bottle Left Oil can: only use fog fluid from left fluid bottle
Wireless Set	ON / OFF	Wireless function set
语言(Language)	中文/English	Language switch

Δ DMX CONTROL

X-H2 haze machine occupies occupy 2 functional channels.

Channel	Function	Value
CH-1	Fan speed adjust	0~255: As the DMX value increases, the fan speed gradually increases from 0-100
CH-2	Haze volume adjust	0~9: STOP 10~255: As the DMX value increases, the haze output gradually increases from 0-100

Δ Operation

1. Installation

Check the machine and accessories, ensure it is in good status. Place the machine on a flat and firm surface. Lock the casters of machine.

2. Fill the fluid bottle

Fill the fluid bottle with FX-HF fog fluid from SHOWVEN.

For best effect please use SHOWVEN® original fluid FX-HF. Improper use of fluid will lead to machine malfunction. Warranty will be void if any other type of fog fluid is used.

3. Power ON Haze Generator X-H2

Connect the machine to suitable rated power supply. Make sure power supply in consistent with the rated voltage of the equipment, and the socket must well grounded.

Turn on the machine and allow it to heat up. It will heat up automatically, and shows "WARMING UP" on LCD screen

4. Firing the machine

Once the machine has reached operating temperature, temp., fog output and fan speed will show on the screen, please adjustable it accordingly

Manual operation: Press "- / VOLUME" to start making haze, press "ENTER / STOP" to stop.

DMX control: please operate according to the DMX control table.

Remote control: Press "A" fog on, press "B" fog off.

5. To turn off the machine, please **POWER OFF** and unplug the power cable
6. For transportation please empty the fog fluid tank in the machine

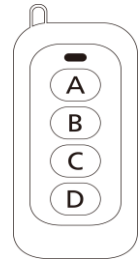
Δ **Wireless Control**

Wireless control is used to remote control the machine. Before use the wireless function please make sure machine was ready, wireless status was ON, and no DMX cable connection

Remote controller:

A: Haze output START

B: Haze output STOP



Match between remote controller and machine:

When machine in Wireless Control ON interface, press and hold any key on remote controller, the machine LCD screen will blink once means the machine matched with the remote controller.

Remote control is optional configuration.

Δ **Maintenance**

1. Use SHOWVEN® original fog fluid only.
2. Check the filter in fluid tank before each show, clean or replace it when it is necessary.
3. Running the machine at least once per month.
4. Clean machine regularly avoid dust, liquid accumulate on the machine.
5. Whenever storage or not use the machine for a period of time, please use distilled water to wash the pipe system by filling the fluid bottle with distilled water and firing the machine several minutes.

Δ **Warranty Instructions**

- ∨ Sincere thanks for your choosing our products, you will receive quality service from us
- ∨ The product warranty period is one year. If there are any quality problems within 7 days after shipping out from our factory, we can exchange a brand new same model machine for you
- ∨ We will offer free of charge maintenance service for machines which with hardware malfunction (except for the instrument damage caused by human factors) in warranty period. Please don't repair machine without factory permission

Below situations NOT included in warranty service:

- ∨ Damage caused by use other type of fog fluid which is not from SHOWVEN;
- ∨ Damage caused by improper transportation, usage, management, and maintenance, or damage caused by human factors;
- ∨ Disassemble, modify or repair products without permission;
- ∨ Damage caused by external reasons (lightning strike, power supply etc.)
- ∨ Damage caused by improper installation or use;

For product damage not included in warranty range, we can provide paid service.
Invoice is necessary when applying for maintenance service from SHOWVEN

SHOWVEN[®]



Showven Technologies Co., Ltd.

Tel: +86-731-83833068

Web: www.showven.cn E-mail: info@showven.cn

Add: No.1 Tengda Road, Liuyang Economic & Technical Development Zone, Changsha, Hunan,
410300, P.R.China