

# USER MANUAL

## P-H3 Haze Generator

V3.1

2024/06/25





Thanks for choosing SHOWVEN® P-H3 haze generator. we wish it will bring you lots of exciting moments. Please read the following manual carefully before operating this product.

## Δ SAFETY CONSIDERATIONS

- ∨ Unauthorized repair are prohibited, it may cause serious incident.
- ∨ Before connecting machine to power, make sure power supply in consistent with the rated voltage of the equipment. Always connect to a grounded circuit to avoid risk of electric shock.
- ∨ Disconnect the machine from AC power when not in use.
- ∨ This product is not waterproof design, please keep it dry, please do not use it when there are fog fluid leakage or wet from rain.
- ∨ No user serviceable and modifiable parts inside the machine, never try to repair or modify this product, unauthorized technician may lead machine to damage even risk of cause fire.
- ∨ For adult use only, keep it out of reach of children, and away from fire, inflammable and explosive articles.
- ∨ Installed in well ventilated area, ensure at least 50cm space around the machine, cover of the nozzle is forbidden.
- ∨ Never use the machine under high temperature.
- ∨ Never fill the fluid tank with flammable liquid such as grease, gas, perfume etc.
- ∨ If the machine fails to work, please stop operation and unplug the machine. Check fog fluid, fuse, power connection etc. carefully, if can't solve the problem, please contact SHOWVEN® or your local SHOWVEN® partner for advises.
- ∨ Haze generator are very sensitive to the fluid it use, ONLY use SHOWVEN® original FX-HF fog fluid. Other brand fluid easier cause block of machine.
- ∨ Fog fluid is not drinkable, if swallowed immediately look for medical advice. In case of eye contact of fog fluid, please wash it with clean water.

## Δ Description

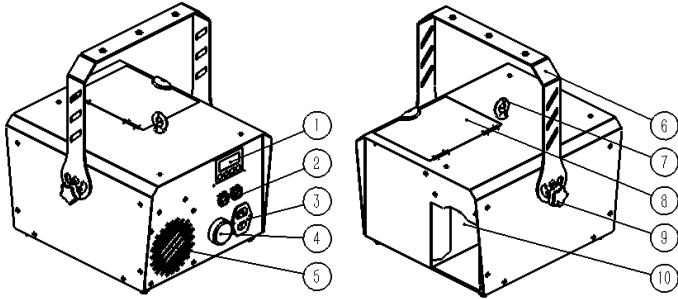
P-H3 is a compact and powerful water-based Haze Generator, adopts new generation of quiet technology ensure lower noisy even with large air volume. DC fan design for durable use and stable output. Hidden fluid tank makes the structure of machine more beautiful and artistic. It is a perfect option for nightclub, theater, small to middle scale shows etc.

## Δ Technical Specifications

- ∨ **Model:** P-H3
- ∨ **Dimension:** 360×300×230mm
- ∨ **Weight:** 11kg
- ∨ **Power:** 1500W
- ∨ **Heat-up time:** 4min
- ∨ **Output adjustment:** 1-100

- \ **Continuous output:** YES
- \ **Fog fluid consumption:** Appr.15ml/min
- \ **Fog output:** 6000cuft/min
- \ **Tank capacity:** 5L
- \ **Control:** DMX, wireless remote
- \ **Consumable:** FX-HF

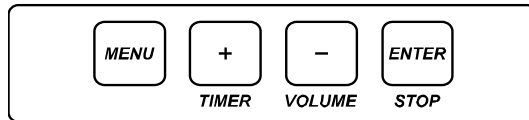
### Δ **Structure of P-H3**



1. LCD Screen
2. 3-pin XLR
3. 3 in 1 power socket (power switch, circuit breaker, power socket)
4. Wireless receiver
5. Cooling Fan
6. Hanger
7. Safety loop
8. Fluid tank cover
9. Hanger screw
10. Output Nozzle

### Δ **Operation Panel**

#### 1. Control button area



**MENU:** switch through setup menu;

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

**-:** Parameters down; multiplex "VOLUME" (smoke output start when in main interface)

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

**NOTE:** Screen will switch to main interface automatically if not press any button in about 10s.

## 2. Main Interface

|          |         |
|----------|---------|
| DMX:1    | FAN :30 |
| T : 100% | FOG :50 |

**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. Error Information

| Error information | Explanation                                 |
|-------------------|---|
| E2 Temp. Sensor   | Temp. Sensor Malfunction                    |
| E5 Temp. Over     | Circuit board malfunction                   |
| E6 Heat Fail      | Heater broken or circuit board malfunction. |

## 4. Setting Menu

Press “MENU” switch through setup menu.

| Items        | Value      | Explanation              |
|--------------|------------|--------------------------|
| DMX Address  | 1~511      | DMX address setup        |
| Interval Set | 1-200s     | Set haze output interval |
| Duration Set | 1-200s     | Set haze output duration |
| Volume Out   | 1-100%     | Haze output volume setup |
| Fan Speed    | 1-100%     | Fan speed setup          |
| Auto Clean   | ON / OFF   | Machine auto clean       |
| Wireless Set | ON / OFF   | Wireless function set    |
| 语言(Language) | 中文/English | Language switch          |

## Δ DMX control

P-H3 occupies two DMX channels.

| Channel | Function   |
|---------|--|
| CH1     | <b>Haze output:</b> DMX VALUE 6-255 corresponding to haze output from 1-100. |
| CH2     | <b>Fan speed:</b> DMX VALUE 6-255 corresponding to fan speed from 1-100.     |

## Δ Wireless control

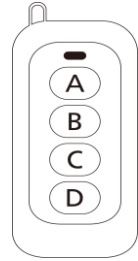
Wireless control is used to remote control the machine. Before use the wireless function please make sure machine was ready, wireless status was ON, and no DMX cable connection. Please match the remote control with machine before use. MENU – Wireless Control – set to ON – press any key on remote controller to machine the machine with remote. The screen will blink once if match successfully.

Remote controller:

[A]: Haze output START

[B]: Haze output STOP

Remote control is optional configuration.



## Δ Operation

1. Check the machine and accessories, ensure it is in good status. Place the machine on a flat surface or hanging on truss horizontally.
2. Fill the liquid tank with SHOWVEN® FX-HF fog fluid. Please use original fog fluid from SHOWVEN, Warranty will be void if any other type fog fluid is used.
3. Connect the machine to suitable rated power supply. Please ensure power supply meets the requirement. Always connect the machine to a protected circuit and ensure it is properly grounded.
4. Turn on the machine, it heat up automatically, and shows “WARMING UP” on LCD screen.
5. Once the machine has reached operating temperature, temp., fog output and fan speed will show on the screen, please adjustable it accordingly.
6. Press “VOLUME” to start making haze, press “STOP” to stop.
7. To turn off the machine, please POWER OFF and unplug the power cable. Before package of the machine please make sure it is fully cool down, and empty the fog fluid tank before shipping.

## Δ Maintenance

1. Use SHOWVEN® original fog fluid.
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 originally 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<sup>®</sup>



**Showven Technologies Co., Ltd.**

Tel: +86-731-83833068

Web: [www.showven.cn](http://www.showven.cn) E-mail: [info@showven.cn](mailto:info@showven.cn)

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