Haze machine usage manual

Attention:

1. Before using this product please read the operation instruction first, we will not responsible for any wrong operation.

2. We have the rights to refuse repairing, if the machine breaks down for without using liquid of our company.

3. The smoke machine has some certain of risk under high temperature working, do not open the machine box personally, or free after-services will be not available. Consequences will bear by you self.

4. Please keep accessories well, we will not provide spare parts for free if lost.

5. The smoke machine's spare parts are based on weak current working, please do not use them in the smoke machine of other brand.

6. The LCD control with touch pad only can control by hand. The other tools can not control.

Haze machine use manual

In order to let the customers use our series production more easily and safely, it is better to read the instruction before using our series production.
Please obey the regulation in the manual.
We are not responsible for the error operation which is out off the manual.

1. Regulations:

◆Before using, please makes sure power supply is rated voltage.
Please check against the voltage parameter which is on the backboard of the smoke machine whether is matched in the using place.
◆Smoke machine must be placed at the ventilation place of indoor, but not where is the air flow less, otherwise the fuse will be broken and the machine can not heat up.
◆Before refilling the smoke liquid, please shut down power supply.
Before refilling, please pay attention that the smoke liquid can not flow into machine inner part, or electric circuit will break.
◆The smoke machine must be put in level, can not be slant or upside down.
◆The supply and unplug should be turn off after using.
◆The smoke machine is un-waterproof, if some vapor or smoke liquid enter the inner part of machine, please shut down power supply immediately and contact with your supplier.
◆The machine do not have any maintain tools for person. Please do not reset machine and open the machine structure by yourself in order to avoid any danger.

2. In order avoid any fire or danger, please do follow below instruction:

◆This machine is only for adult. Please keep it far away form the children.
◆Do not spray to human body directly and keep it far away from the inflammable and explosive goods.
◆Do keep the spray nozzle between target more than 5 meters when using, as the output smoke temperature is very high
The max temperature of machine surface may reach 40-80℃, please do not touch.
◆The smoke machine should be put in the good ventilated place. Do not cover the whole machine with any thing, it will cause the heating emanation out of working, and may catch fire as too high temperature.
◆Do not let the machine get in touch with the ground in carpet and wood. Keep the machine with ground more than 50cm in vertical and do not put any inflammable and explosive goods around 300cm.
◆Usually, the fog machine can not be hanged up. If hang up working is needed, please fix the machine hard and in balance by the attached tool with the machine. In this case, around $2m^2$ in vertical, pleas do not put any inflammable and explosive goods and guarantee air flow in good condition.
◆Can not add any easy burning liquid in oil tank, such as oil, gas or any flavor.

3. Other notice:

◆Put the machine on a level place, take oil tank out from machine and open, and then refill the high quality haze liquid inside. In order to keep the haze liquid cleaning, please immediately cover the tank after refilling the haze liquid.

◆The power cable should put in the out let with earth wire, and then the haze machine is heating up immediately.

◆Always check the leavings of liquid, if the machine under running without any liquid, it must be broken.

◆In cast, the smoke less, the pump more noise, or smoke can not spray, please cut off the power supply immediately, check fog liquid quantity, fuse, remote control and the power supply plug.

If the problem still can not be solved, please contact with your supplier..

Maintaining:

Please clean the machine clearing you regularly, it will reduce spare parts replacing and repairing expenses.

Please clean dust in the heat-proof tube by 20% vinegar and the 80% distilled water after the machine running 40 hours.

◆Take out the haze liquid out, and refill the above cleanings, contact power supply then warm up machine.

◆Keep it working until the cleanings running out in the enough space.

◆All haze machines will be jammed or pump damaged by the no good haze liquid or duty haze liquid. If so, maintains will not available.

◆Please clean machine by dry cloth, and story it under clean condition.

Operation notice:

◆All haze machines have condensation function, before setting the machine, please considerate whether spraying nozzle condense the water vapor or dampness around.

◆Occasionally the haze machines will have a little haze output during/after working.

◆Normally, less vapor or haze may happen when the machine working first time.

4. Opening the package and inspection the machine

When opening he machine please make sure all the parts are included for proper operation, and check if there is any damage caused by the transportation. Shall you find any defects please do not plug in the machine, make sure to contact your supplier.

The following parts should be included when the machine shipped from the factory:

-One haze machine
-One power cable
-One use manual

5.Setting up

5.1 After open the carton, please take out all packing gasket carefully. Please exam the nozzle of hazer and remove all packing materials from this parts.

5.2 Connect the haze-liquid tube between tank and the machine.
Warning!!
The Haze Liquid is made from non-toxic water-based liquids dedicated for haze machine. Please note that if the use of not our company product, it will likely cause Hazer tube obstruction, or Hazer malfunction.

6. Specifications and Machine Operation instruction:

6.1 Specifications:

Model: HS-1500

Power: 1500W

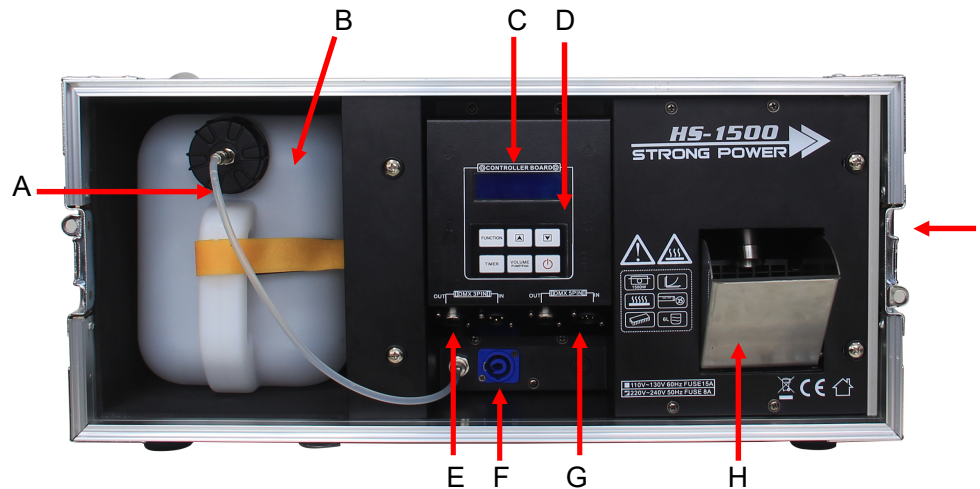Heating time: 1minute

Smoke output: 38,000cu.ft/min

Tank volume: 6 L

Control: DMX512 and LCD display control by manual

GW: 18.7kgs(include flight case）

Dimension: 575 x 265 x 423mm

6.2 Haze Machine SHAPE INSTRUCTION:

A: liquid hose

B: Tank capacity

C: LCD display screen

D: Control panel

E: 3pin DMX IN and out

F: Power supply

G: 5pin DMX IN and out

H: Haze output, can adjustable the output angle.

I: air ventilation

7. Operation instruction:

7.1 Please refer below information before operation machine.

● First of all, please connect power cable, the unit it heating up.

● After contact power supply, the LCD will show software type:

   HS-1500 Version: V0.1

● The machine on heating, the heating percentage of completion,

   HS-1500 Heating 0%

  Notice: The 0%will running to 100% till finish heating.

● Heating finished, the LCD will show: **HS-1500 Machine Ready**
, its means the machine ready for working.

7.2   Manual control mode instruction

1) After the unit has heated up the LCD display will show:

HS-1500 Machine Ready

Notice: On this control, any time press ⏻ button one time, will exit and LCD display show "HS-1500 Machine Ready

2) Press VOLUME PUMP/FAN button, it will begin output haze which before setting menu.

3) When the symbol * before on **Haze**, it means you can adjust output haze volume on "▲"button and "▼" button. It can auto save after setting.

4) Press **FUNCTION** button, the symbol * position will moved to before on **Fan**, it means you can adjust fan speed on "▲"button and "▼" button. It can auto save after setting.

5) For example, if setting output haze 50%, fan speed 100%, the display will show "***Haze: 50%   Fan: 100%**".

6) If you want to stop output haze, please press⏻ button to exit.

7.3 Timer control mode instruction

1) The machine ready to output haze, LCD display show**:**

HS-1500 Machine Ready.

Notice: On this control, any time press ⏻ button one time, will exit and LCD display show "HS-1500 Machine Ready.

2) Set interval time, haze stop output

Press the **FUNCTION** button till the display will show **"Wait Time Set Mode: 15S",** its can choose interval time from 1s to 600s, used on "▲" button and "▼" button. It can auto save after setting.

3) Set haze output time

Press the **FUNCTION** button till the display will show "**Start TimeSet Mode: 10S**", its can choose haze output time from 1s to 600s, used on "▲" button and "▼" button. It can auto save after setting.

4) Set output volume

Press the **FUNCTION** button till the display will show "**Timer Smoke Volume Out: 50%**"**,** its can choose the haze output volume from 1% to 100%, used on "▲" button and "▼" button. It can auto save after setting.

5) Set fan speed

Press the **FUNCTION** button till the display will show "**Fan Adjusting Volume: 100%"**, its can choose the fan speed from 1% to 100%, used on "▲" button and "▼" button. It can auto save after setting.

6) Exit menu setting, please press ⏻ button one time.

7) Press **TIMER** Button, it will begins Timer control mode which setting before. For example, the setting stop output 15seconds and output 10seconds, the display will show **Haze Wait: 15   Haze Start: 10".**

8) If you want to exit Timer control mode, please press ⏻ button to exit.
Notice: Any time want to change the working mode. Its need to press ⏻ button to exit setting, and then press **FUNCTION** button to setting menu.

7.5 DMX512 control mode instruction

1) Press the **FUNCTION** button till the display will show **"The DMX device address set: 1",** to choose the DMX address from **1** to **511**, used on "▲" button and "▼" button. It can auto save after setting.

2) Connect DMX signal, the display will show as this:

   DMX-512 Add: 1
   PMP: 0%   F: 1%

Notice: the **PMP** and **F** can adjust from DMX controller.

3) DMX channel instruction.

Channel	Value	LCD display show	Function
CH1	0-255	**PMP（ 0% - 100%）**	The haze output volume from 0% to 100%.
CH2	0-255	**F（1% - 100%）**	The fan speed from 1% to 100%.

8. Notice: After finished working, it must be operation as below steps before turn off power on each time.

1) Press⏻ button 2times. the machine will enter function of clearing and inspection machine by self.

The LCD will show "**Do not off in clean 300S**", it means the machine on clearing and inspection machine by self in 300 seconds, please don't off power supply before finish.

When it finished clearing and inspection, the LCD will show "**To turn off the POWER!!!**", and then you can off the power supply.

Warning: It must be operation as below steps before off power!

9. The function of Electronical Fluid-level-sensor(TCO) :

When the liquid use out during working status, the machine will continue to work in the not liquid state about 2 minutes, the function of Electronical Fluid-level-sensor(TCO) will open, it will stop working to protect machine. And the LCD display will show flash " **Beware: No Liquid!"** , it means the liquid use out and machine stop working.

At this state, first of all, please off power supply and refill haze liquid, and then connect power supply, operation the machine start working. If you want the machine can faster output haze, please setting to biggest output volume. If the pump not have liquid again in 5minutes, the LCD display will show flash **"Beware: No Liquid!"**. Please operation as above steps till the machine can working.

Remark: The function of Electronical Fluid-level-sensor(TCO), it's the extra protect function for machine. In order to machine can be have long-term work, please pay more attention for the liquid use.

10. Troubleshooting:

* When the LCD display show flash of "**Temperature is too HIGH**".
The first reason is liquid use out to cause the machine temperature too high, please refill the haze liquid to machine, and then it will working after the machine's temperature reduce.
The second reason is PCB have problem. Please check the PCB. If PCB have problem, please repair from supplier.

* When the LCD display show flash of "**Temperature sensor error**".
The first reason is the heater broken, can not heating. Please repair from supplier.
The second reason is heating not well, please offer power and then open again.
The third reason is the part of inspection temperature have problem.

* When the LCD display show flash of "**Heating Unfinished**".
The machine on reheating.