

# ***Smoke machine***

## ***User's Manual***

Thank you for having chosen our company's fog machine. For your own safety, please read this user manual carefully before installing the device. By following the suggestions found in this manual, you can look forward to the reliable and satisfactory performance of your fog machine for years to come.

## Products Presentation

This unit is a smoke machine with consumption of 1500w, it is designed as a surround of aluminum so as it looks beautiful. Inside, heating chamber is made of titanium-gold-twisted hose, which is never blocked, and it is installed a system of micro-pc-control temperature, which can exchange energy efficiently, when using, it can reduce 15% energy consumption.

Is a safe product for it is installed a protective circuit, it has LCD remote controller and remote controller. Inside, it has a function of DMX-512, which is controlled with control box and DMX-512 controller, and connecting with others in same model can be available.

This machine is equipped with liquid crystal display controller, both of DMX512 channel settings, or time, to set quantitative and quantitative output without setting a time, as long as you enter the request, will be able to automatically memory, the next time without the use of re-setting, and will automatically create your requests.

## Specification

Item No.		
Plug	AC110 ~ 120V/60Hz	AC220 ~ 240V/50Hz
Consumption	1500W	1500W
Warm-up time	8min	8min
Distance of smoke	9m	9m
Volume of smoke	15000cuft/min	15000cuft/min
Volume of smoke bottle	1.5L	1.5L
Size	470×360×140mm	470×360×140mm
Weight	9.2kg	9.2kg

## Operation

- ① When you get this item, please unpack the package and remove the it. And then exam the entire machine, especially noted that there should not be something left in the nozzle to avoid blocking. In addition, if finding there is something wrong with the machine or some parts left, please contact with the distributor in time.
- ② Please lie flat the machine, and then unscrew the box bottle to fill up with high-quality smoke oil, at last screw the box bottle.
- ③ Before connecting to the power, please check if the voltage is matched, and it is necessary to be connect to the power cord with the ground wire. Now you can turn on the power to make the pilot light bright.

- ④Please connect the wire of control box to the five-pin Caron Block in the smoke machine.
- ⑤When it comes to the remote control, please press the any key of A、 B、 C、 D directly, in order to make the machine working with the ultimate output.
- ⑥If choosing the DMX-512 control, please setup any channel among the 1-512 signals in the control box.

## **Notes**

- the model suitable for indoor use of tobacco, should be placed in a dry place to prevent the intrusion of rain and moisture damage.
- machines can be placed flat and can be installed on the pylon, but it can not be tilted more than 15 degrees.
- the smoke should be installed in the ventilation cooling good, top to bottom should be at least 20cm around the room.
- should stay away from smoke and flame flammable and explosive materials to prevent fire and explosion.
- people can not directly spray nozzle and should be at least 60cm above the distance to prevent burns.
- smoke is about to run out of oil, add the clothes in a timely manner, such as tobacco is still not exhausted to stop oil operations, oil and heat can cause damage to the block.
- add the oil smoke cigarettes will be out to add Edible Oil Bottle, to prevent accidental because the tobacco smoke poured oil in order to damage caused by smoke and can not use normal.
- Add non-flammable liquid, such as oil, gas and spices in the oilier

## **Common Faults and maintenance matters**

- The unsuitable smoke oil will cause the damage of the machine, it is advised to be matched with oil from our factory.
- The machine will be blocked due to the oil is much thicker, not clean or over-heating. So regular maintenance can ensure the reliable and long-term usage of the machine. It is suggested to be used 40 hours later, please with 80% of distilled water and 20 percent white vinegar to remove the plot in the heat pipe of impurities.  
as follows:
- ①When the machine is not warm-heating, please discharge the nozzle which is cleaned with vinegar to ensure the nozzle to be smooth and flowed.
- ①Wash the filter head of the plastic rape in the oil box.
- ②Pour out the smoke oil; fill up with the cleaning liquid as former instead, and then power on the machine to spray till the liquid exhausted.

- ①After cooling, re-fitted with nozzles, and then add smoke oil, to prepare the usage next time.
- If the smoke become smaller, pump noise or can not smoke, in these circumstances, it should be immediately cut off the power, and at the same time examine the oil stocks, fuses, plugs and power of control box , and check whether the smoke oil through the conduit. If you can not solve the problems, please contact with the distributor to maintain.
- If the machine stay a long-term not working, please unplug the power.
- If there is any other problem not to solve, please connect the professional person.

### **Others**

- all the smoke will be a result of condensation in the nozzle around the role of water vapor or moisture condensation.
- all machines will be used during or after cessation of use, and occasionally a small amount of smoke emitted.
- all of the machines have cycles, the temperature dropped to the lowest point, the pump automatically shut down, begun to warm up. Until the heating is completed, return to the status of smoke.

### **Packing List**

- ①Smoke Machine: 1 pcs
- ②Control Box: 1 pcs
- ③Remote Controller: 1 pcs
- ④Signal wire: 1 pcs
- ⑤Plug wire: 1 pcs
- ⑥Use's manual: 1 pcs

### **Control box operation**

#### **Characteristics**

- 1. comes with 5 meters signal lines.
- 2. the control box for the multi-functional controller and controlled smoke time interval smoke, smoke volume, automatic smoke, manual smoke, smoke control, DMX control multiple functions and so on .

#### **Operation**

When connecting with the control box, powering up, the screen will show first: "DMX-512 keyboard", and then automatically switch to " Warming up". Now that is to say the machine is heating, when the temperature is up to working, the screen will show " Ready to fazer", now, it finished warming up and it is available.

1. 512-DMX channel

System priority receiving DMX512 signal, connecting DMX512 console, the control box will shield the key of smoke control, when closing the DMX512, console system will turn automatically to the state of the control box.

At the heating state of the control box, when the control box display shows "Warming Up", control box keys will be shielded.

## 2. Manually puff smoke

Please press the "MANUAL", now it can make maximum smoke; if releasing, it will be stopped.

## 3. automatic spurt smoke

### a) Auto-design and operation of the smoke's volume

Please press "FUNCTION", when the screen show "Man Vol Out", you can press "↑" or "↓" to set up the volume of the smoke. And then press "VOLUME", the machine can puff automatically as the volume set up in advance. If stopping, please press "VOLUME" again.

### B) Auto-design and operation of the measure-time and measure-volume's smoke

When the display shows "Ready To Fazer", press "FUNCTION" twice, the screen shows "Interval Set \* S", at this time for the setup of the interval of automatic smoke time, the "↓" or "↑" button can be used to adjust the time interval required, and then press "FUNCTION", the screen shows "Duration Set \* S", this time for the setup of the time of automatic smoke, "↓" or "↑" keys can set smoke time as you need. (time 1 ~ 200S), after setting the smoke time, please press "FUNCTION" key again, the screen shows "Volume Out \* %", this time for the regular setting of automatic volume of smoke, click "↓" or "↑" key to set the required volume of smoke, and then press the "TIMER" key, the machine can work automatically in the time intervals and the scope of volume of the smoke you required, and then "TIMER" key to cancel the operation of the measure-time and measure-volume's system.

## 4. The setup and operation of DMX-512

Please press "FUNCTION" two times on end to make the screen show "DMX 512#\*\*\*", and then press "↑" or "↓" to set up the channel as you need.

5. When pressing "FUNCTION", if over passing about 3 seconds, and do not press "↑" or "↓", the system will become automatically to show "Ready To Fazer".