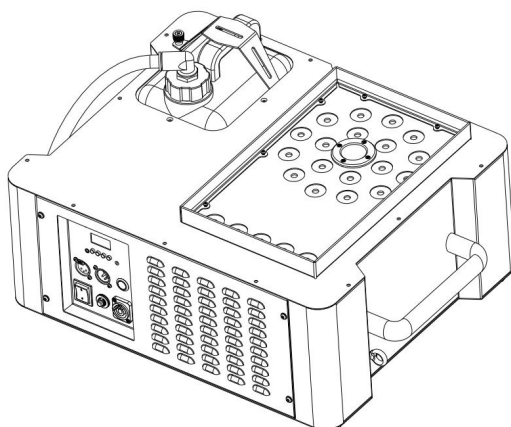


# **Twin-tube column machine**

## **English Instructions**



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**Disclaimer:** The information and specifications contained in this manual are subject to change without notice. Our company assumes no responsibility for any errors or omissions and reserves the right to modify or revise this manual at any time.

## Instruction

Thank you for choosing stage fog machine products. Now that you have a high-tech professional fog machine, please read this manual carefully and follow the instructions before using, it helps you using fog machine smoothly and achieves ideal effect. It is also beneficial to prolong the service life of the machine.

### **1.Unpacking and inspecting the machine**

Please open the package to confirm that all equipment of the machine is complete. Please refer to the configuration drawing to confirm the items included in the model you purchased. If there are any items missing, please contact the dealer immediately. The machine has been delivered with the following items:

- 1、 One machine
- 2、 One power cord
- 3、 One manual
- 4、 One remote control

Before starting to use the machine, please confirm that the product has not been damaged externally due to the transportation process. If the outer packing controller and power cord is damaged in any way, please do not use it, and immediately contact your dealer or manufacturer.

### **2. Products Parameters**

Operating voltage: 220-240 V, 50/60 Hz

Current limit insurance parameters: 15 A, 250 V

Total power: 3000 W

Warm-up time: about 8 minutes

Oil drum volume: 3.0L

Functions: Remote control, DMX-512, OLED control

Single blast time: 10 seconds

Maximum smoke output: approximately 78,000 cubic feet per minute

DMX channels: 11

Net weight: 20.5kg

Gross weight: 22KG

Machine size: 562\*417\*278 mm

Packing size: 595\*450\*310mm

### **3.Safe use method**

a.Please keep the machine dry

b.Please unplug the power plug before adding smoke oil to the oil drum

c.Please keep the machine flat and not inclined.

d.This product is not designed to be waterproof. In case of dampness or immersion, please immediately unplug the plug and dry it, and contact a technician or your dealer for maintenance before next use.

e.Please shut down when not in use, and unplug the power plug if not in use for a long time.

**Suggestion: Before using the machine, please read the warning signs printed on the upper cover plate and back plate of the machine in detail.**

### **4.Operating instructions**

#### **1.page description**

**Heating:** The machine is heating, and it can only work normally after

the machine is heated.

**Preparation:** The machine has been heated and can work normally.

**DMX512 address :** DMX512 address code setting. When the signal line is plugged in, the machine will automatically jump to this page and give priority to console control.

**Remote control function :** The remote control function is turned on/off by default.

**Oil free protection:** Oil free protection function is turned on/off by default.

## 2.Button description

**MENU:** Menu key

**▲:** Add/Open

**▼:** Reduce/Close

**ENTER:** Confirm, enter/exit submenu

**FOG:** Manual fog spraying button

## 3.DMX channel definition

DMX channel 1: Smoke smoke switch, where 0-9 is off, 10-255 is on;

DMX Channel 2: LED bright red, where 0-9 is off and 10-255 is gradually on

DMX channel 3: LED bright green, where 0-9 is off and 10-255 is gradually on

DMX Channel 4: LED bright blue, where 0-9 is off and 10-255 is gradually on

DMX Channel 5: LED bright white, where 0-9 is off and 10-255 is gradually on

DMX channel 6: LED color mixing, where 0-9 is off, 10-255 color mixing

DMX channel 7: LED strobe, where 0-9 is off, 10-255 strobe fast

DMX channel 8: LED dimming, where 0-9 is off and 10-255 is gradually on

#### 4.Oil free protection

When the machine is vacuuming, it is automatically protected. Do not turn it off at will. When this function of the machine is triggered by mistake, it can be exited in the following ways:

- a.Press ENTER to exit the oil-free protection state;
- b.Under DMX control mode, push the push rod of channel 1 to the bottom, and then push it upward until it exits the oil-free protection state (the screen stops flashing);
- c.The oil protection menu page is set to OFF.

#### 5.Fault report

**Check the machine when the display indicates the following faults.**

**Open circuit of thermocouple: check whether the temperature sensor is disconnected.**

**Heating aluminum overheating: the heating aluminum temperature exceeds the maximum set temperature. Check whether the heating aluminum temperature is abnormal.**

**Heating aluminum fault: after stopping heating, the heating relay is still heating continuously. Please check whether the relay is out of control.**

**Thermocouple fault: the temperature detected by the**

**temperature sensor does not change during heating. Please check whether the temperature sensor is damaged.**

## **5、 Simple problem solving and maintenance**

### **1. Problem solving**

The following guidelines are only suitable for solving simple problems. When a problem occurs with the machine, please operate as following steps until the problem is solved. If the problem persists, contact a qualified technician for repair.

Connected to the power, the machine does not smoke:

- a、 Check whether the power supply is normal;
- b 、 Check whether the panel LCD displays normal images and can operate;
- c、 Whether the panel key operation is correct;
- d、 Whether the fuse free switch is tripped, if yes, please press the switch again to reset;
- e、 Whether the heater is heated;
- f、 Check whether the signal line is connected correctly;
- g、 Check whether DMX address code is set correctly;
- h、 Check whether the controller is correctly connected.

### **2. Daily maintenance**

The heating pipe of the fog machine has been used for a long time, and the pipe wall is easy to produce sediment. Therefore, the machine needs regular maintenance (the maintenance cycle is 1-2 months/time), Specific maintenance method: spray 35% white vinegar and 65% distilled water 10-15 times after heating.

## **6. Regulations on Product Warranty**

1. This product is warranted for one year from the date of sale. During the warranty period, if there is a quality problem, the manufacturer will replace the parts and provide maintenance services free of charge.
2. If the product is not used with our factory's product or high-quality smoke oil, the warranty period will be shortened to three months, and the user will bear the costs incurred due to replacement of accessories.
3. The following conditions are not covered by the warranty:
  - a. This product has been used wrongly or negligently, such as over load and over pressure.
  - b. The product was broken due to handling;
  - c. Faults caused by poor use environment factors, such as humidity and unstable voltage;
  - d. The product has been modified by personnel other than our factory.
4. Those not covered by the warranty include: external packaging box, internal packaging materials, product shell and hanger, batteries in remote control transmitter.
5. If the product meets the warranty terms, our factory will not charge for maintenance and accessories. For products beyond the warranty period, we will only charge for the corresponding finished accessories.
6. If maintenance is required, please fill in the warranty card clearly and correctly and return to the factory together with the maintenance machine, so please keep your warranty card properly.

----- Please cut along the dotted line -----

## 7. Warranty Card

### User information

User Name: \_\_\_\_\_ Fill in by user

Product Model: \_\_\_\_\_ Fill in by user

Date of Purchase: \_\_\_\_\_ Fill in by user

Address of Dealer: \_\_\_\_\_ province \_\_\_\_\_ city \_\_\_\_\_

\_\_\_\_\_ District/country \_\_\_\_\_ Fill in by user

### Maintenance records

Fault phenomenon 1: \_\_\_\_\_ Fill in by user

Maintenance Results 1: \_\_\_\_\_ Fill in by manufacturer

Fault phenomenon 2: \_\_\_\_\_ Fill in by user

Maintenance Results 2: \_\_\_\_\_ Fill in by manufacturer

Instruction

Thanks for your detailed reading