

# **GLOBAL**

## **SPECIAL EFFECTS**

### **F-1500 LED FOG MACHINE**

### **USER MANUAL**



*PLEASE READ OVER THIS MANUAL BEFORE OPERATING MACHINE*

**TECH SUPPORT: (256) 229-5551**

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## 1. Introduction

This is the LED UP FOG MACHINE! It have 8pcs 3W LED lamp (R.G.B) around the smoking nozzle. The smoke with the LED light can creat the different color of smoke and make unique visual effects on the stage.

## 2. Safety instructions

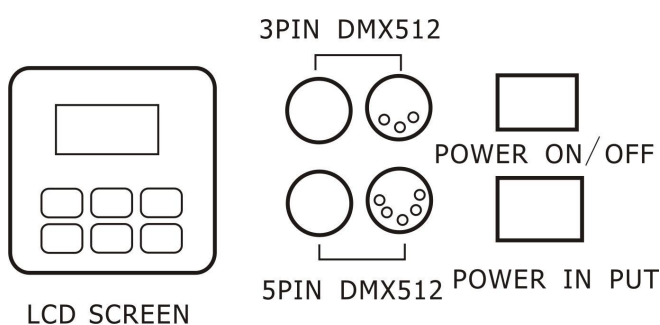
A fog machine is not a toy !

1. Very hot steam escapes from the nozzle. Danger of getting burnt.
2. Occasionally very hot droplets of fluid may escape when in operation. Thus never aim at persons directly and keep a minimum distance of 3m to the nozzle.
3. Never touch the nozzle when in operation. Danger of getting burnt.
4. The location for the machine must be non-flammable, non-combustible and not sensitive to heat. It has to be twice as big as the machine.
5. Keep a minimum distance of 60cm to all flammable, combustibile objects and objects sensitive to heat.
6. The visibility has to be more than 2m in rooms where people walk around.
7. Fog may activate smoke detectors.

8. Artificially-made fog can be produced in many different ways. The method used here to produce fog, with a device which works according to the vaporizer principle, is the most harmless one.
9. Please put the machine to dry, no dust and contaminants, not shake and a draughty environment.
10. Please do not work the machine if there is no liquid.
11. Please store the machine after stopping and cooling it

Please note: People with health problems or problems of the respiratory tract or with an inclination for allergies should avoid any contact with the haze.

### 3. Description of parts

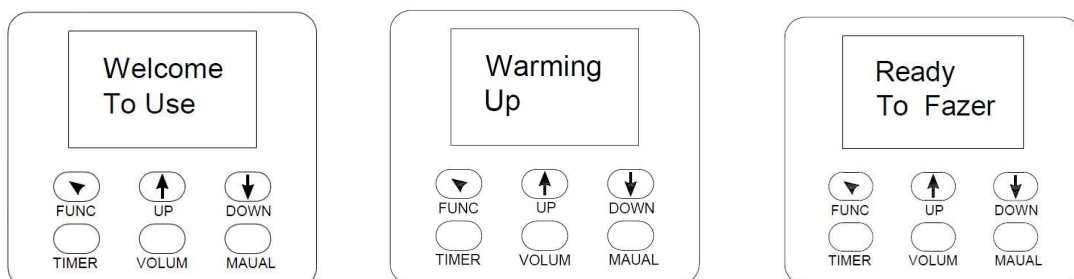


**4. Fluid:** Please use the UP FOG LIQUID.

### 5. Operating the data

#### 5.1 Putting into operation

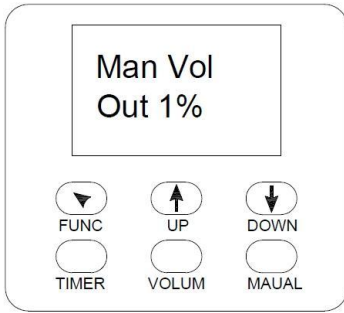
Turn on the machine . Make sure the correct voltage is selected. (220V /60Hz, 110V /50Hz)  
 Turn on power switch, Picture 1 appear on the display (refer Picture 1), then Picture 2 appear, (refer Picture 2), after one minute, show Picture 3 (refer Picture 3), it means warming up finished.



Picture1. Welcome To Use Picture 2. Warming Up Picture 3. Ready To Fazer

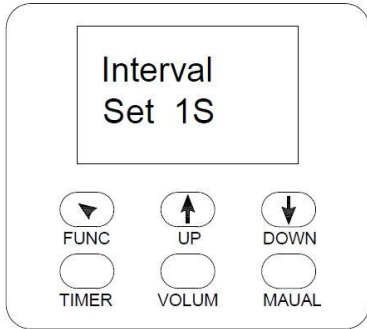
#### 5.2 Operation display

##### 5.21 FUNC Menu



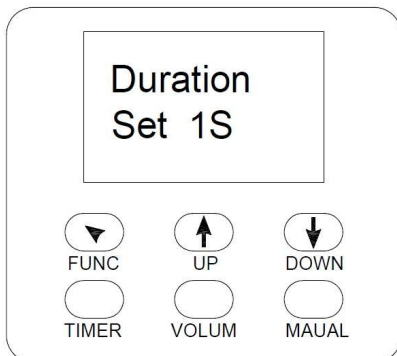
Picture 1 Adjust the output

(Picture 1). Sorry this LED UP FOG MACHINE can do adjust the smoking output!



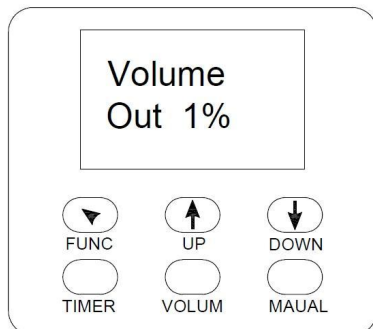
Picture 2 Interval time

(Picture 2). Press FUNC two times continuously , appear in Picture 2, it means adjust the interval time, press UP and DOWN, it can set 1~200s interval time.



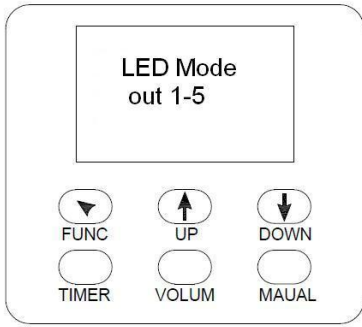
Picture 3. Smoke discharge time

(Picture 3). Press FUNC three times continuously, in Picture 3, it means adjust the smoke discharge time, press UP and DOWN, it can set 1~200s smoke discharge time.



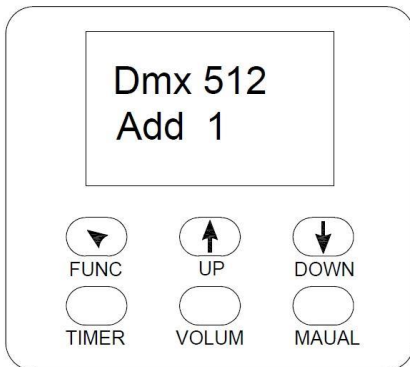
Picture 4. Smoke Output

(Picture 4). Press FUNC four times continuously, appear in Picture 4, but sorry this LED UP FOG MACHINE can do adjust the smoking output!



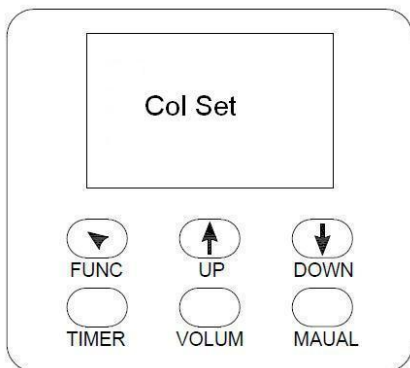
Picture 5. LED Mode

(Picture 5). Press FUNC five times continuously, appear Picture 5, it can adjust 5 kinds of operation.



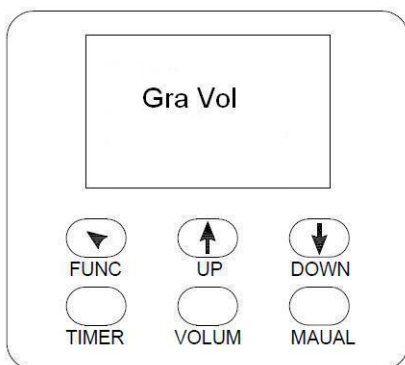
Picture 6. DMX adjust

(Picture 6). Press FUNC six times continuously, appear Picture 6, press UP and DOWN, it can adjust 1~511 DMX start address.



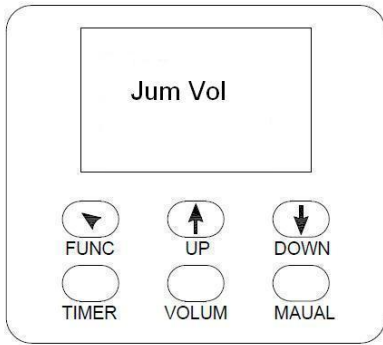
Picture 7. Col Set

(Picture 7). Press FUNC seven times continuously, appear Picture 7, press UP and DOWN, it can adjust 7 color: blue、green、red、orange、light blue、purple、light purple.



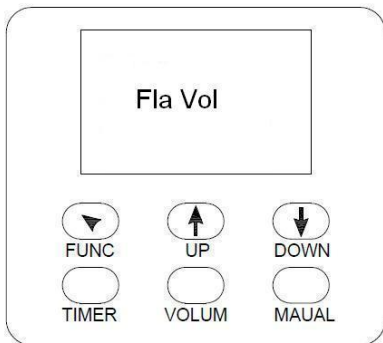
Picture 8. Gra Vol

(Picture 8). Press FUNC eight times continuously, appear Picture 8, press UP and DOWN, it can adjust the LED color gradual change speed 1-255%.



Picture 9.Jum Vol

(Picture 9).Press FUNC nine times continuously, appear in Picture 9,press UP and DOWN, it can adjust the LED color change speed 1-255%.



Picture 10.Fla Vol

(Picture 10).Press FUNC ten times continuously, appear Picture 10,press UP and DOWN, it can adjust the LED strobe speed 1-255%.



Picture 11. Ready To Fazer

(Picture 11).Press FUNC eleven times continuously, appear Picture 11, it means the previous setting (Picture 1-10) are save, even if the machine power off and then power on, the setting still using.

### 5.22. TIME Key-press

Press "TIMER",timer and ration. Show circularly the picture 2 and picture 3,it means the machine will be worked as the setup of picture 2、3、4 and 5. Press the "TIMER" again,and return to the main menu.

### 5.23 VOLUME Key-press

Press "VOLUME",the machine start to work, show the picture 1 spary time. Also it can adjust the spray time through "UP" and "DOWN". Press the "VOLUME" again,and return to the main menu.

### 5.24 MANUAL Key-press

Press "MANUAL",the machine can set the LED Model.

①Smoking; ②Gradual change; ③Change color; ④Strobe; ⑤Sound mode;

### 5.3 DMX control

DMX have priority when the machine put in the XLR socket.(it means the machine is controlled by DMX,the data will be connected the DMX, all the key-press on the machine will be stop using.

The machine have 6CH of DMX. You can connect several piece LED up fog machine with XLR signal line to work together!

CH1	Smoking
CH2	Choose the LED color
CH3	LED color gradual change and change speed
CH4	LED color change and change speed
CH5	LED strobe and strobe speed
CH6	Sound mode

## 6. Care and Maintenance

It can reduce spare parts change and repair charge if you clean the machine termly.

- ※ Remove the filter,which protects the fan against dust and dirt,from time to time and clean it.
- ※Check the state of the fluid filter from time to time and clean or replace it when necessary.
- ※After several hours of operation,some droplets of condensation will have formed at the nozzle. That is normal and not a malfunction.
- ※Remove fluid droplets at the nozzle only when the machine has completely cooled off.
- ※Please keep the liquid clean,do not put in other material. Do not using the contaminative liquid. Please lid the bottle after putting in the liquid.
- ※Please note: The vaporizer of our machines does not have to be cleaned! If open and clean by yourself not professional and damage the vaporizer,we can not grant warranty in this case.

## 7. Trouble-shooting

### **Trouble: The pump runs, but little or no haze is produced.**

Cause: The pump sucks no or too little fluid.

- Check whether the canister is empty
- Check whether the brass collar is properly connected with the brass coupling
- Check whether the fluid filter in the canister is clogged
- Check whether the fluid tube is twisted or defective

### **Trouble: The console can't be controlled normally.**

Cause: Connection from the machine to the console is faulty.

- Check whether the plug is plugged in correctly
- Check whether the cable is defective
- Check whether the DMX start address is adjusted correctly
- If just some console can't be controlled normally,please exchange the XLR house line and signal line.

### **Trouble: During operation the machine fail to work for a long time**

Cause: The overtemperature protection device is activated.  
· Check whether the fan is clogged  
· Turn off the power for a moment, then turn on the power again.

**Trouble 4: The vaporizer is clogged.**

· Please send the machine to the service-station or your local dealer.

## 8. Specifications

Power: 1500 watt

Voltage: 220V/60Hz 、 110V/50Hz

Heat up time: 10 minute

Fluid tank capacity: 2 liter

Output: 20000cu.ft/min

Color: 8x3W ; ED (R.G.B)

Weight: 13kg

Size: 43x31x20cm

Controller: Wireless controller & DMX512

## 9. Warranty conditions

1. Free of charge, we will repair any defect or fault in the unit if it is caused by a proven factory fault and has been advised immediately after appearance and within 12 month of delivery to the end user.

2.. The following are not in the warranty

※ The right of guarantee service is lost if fluids other than the original “ Haze Liquid” have been used or if units are sent to us with full fluid bottles.

※ Also non compliance with the instructions in this manual or mistakes by incorrect handling/treating of the machine will lead to a loss of guarantee and also any faults and damages caused by undue force.

※ The customer loses all rights for guarantee services, if any repairs or adjustments are done to the units by unauthorized persons and/or if spare parts are used which are not approved by us.

3. Certain parts of the machine are „consumable parts“ and are not covered by the warranty.

4. Guarantee services do not cause an extension of the guarantee time or the start of a new guarantee time. The warranty for replaced parts ends with the guarantee time of the whole unit.

5. Guarantee Service will be done in the following way: Faulty parts will be repaired or replaced (our choice) with correct parts.

Faulty units have to be brought to us or our service centers or to be sent to us or our service centers at customer’s expenses. The invoice and/or receipt showing the purchase date and the serial number have to come with the faulty unit, otherwise this will not be guaranteed service.

Replaced parts become our property.

6. If you should send the unit for service, do not forget to remove any liquid from the fluid bottle.

