

HAZE MACHINE (WATER BASE) USER MANUAL



Please read over this manual before operation the machine

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1. Introduction

The special CH-Series haze machine have all kinds of new features,it can supply to customers with opening new field control.

With its continuous mist output which it is a good foil lighting assistant.This machine can be operated in all the field, the expected effect can reach up with the best mist.So the CH-Series haze machine can fill up with all the room or stage and it can create a good atmosphere to support a excellent lighting effects. Pump and fan have reasonable match and independent control so that it can make the machine reach up to good low noise level. This machine is famous for its can use in every field without cause interference.

This machine use the special 5L haze liquid that made by our factory, it can continue output mist smoke as long as 50H.

Own to its fluid protection system, machine will not working as soon as liquid out, which makes the machine service life growth.

2. Safety instructions

A fog machine is not a toy !

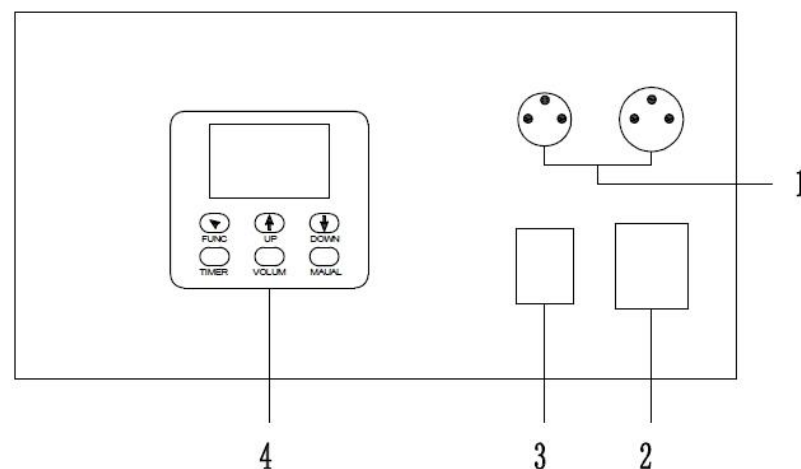
1. Never touch the nozzle when in operation. Danger of getting burnt.
2. Occasionally very hot droplets of fluid may escape when in operation. Thus never aim at persons directly and keep a minimum distance of 3m to the nozzle.
3. The location for the machine must be non-flammable, non-combustible and not sensitive to heat. It has to be twice as big as the machine.
4. Combustible objects and objects sensitive to heat. Keep a minimum distance of 60cm to all flammable,
5. The visibility has to be more than 2m in rooms where people walk around.
6. Fog may activate smoke detectors.
7. 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.
8. Please put the machine dry, no dust and contaminant, not

shake and keep in dry environment.

9. Please do not work the machine if there is no liquid.

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



- | | |
|-----------------|--------------------------|
| 1. DMX512 | 2. Socket for power line |
| 3. Power switch | 4. Digital Control panel |

4. Fluid

4.1 General notes

- (1) To guarantee trouble-free operation the special "Haze

Liquid“ must be used.Use of other liquids will void the manufacturer’s warranty and can be dangerous to your health.

(2) The Haze Liquid is 4bottles in a carton, 5liter per bottle. You can buy from the local dealer.

(3) The special second generation haze fluid can produce smoke particle which its can stay in the air evenly, do not disappear easily. The light penetration is excellence, and it can avoid the past viscous oil slides situate.

4.2 Storage and a point for attention of the fluid

(1) The “Haze Liquid” is a highly concentrated fluid. You can store it for six months.

(2) Please put the items into the cool and dry place ,avoid to the sunshine directly.

(3) If contact with the eyes,please rinse with plenty of water.

(4) The fluid can’t eat and must be keep away from the children.

If do not carefully eat the fluid, please see a doctor in time.

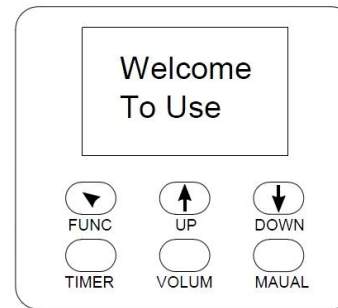
5. Operating the data

5.1 Putting into operation

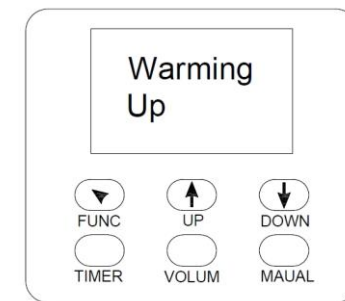
Connect to the machine supply. Make sure the correct voltage is

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



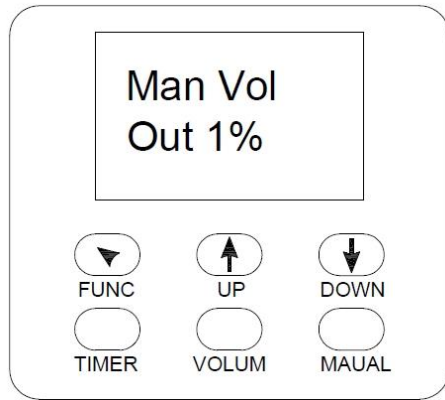
Picture 2. Warming Up



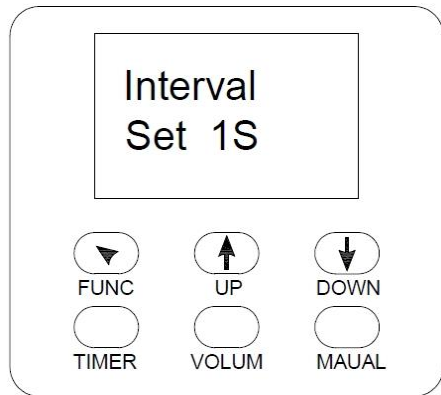
Picture 3. Ready To Fazer

5.2 Operation display

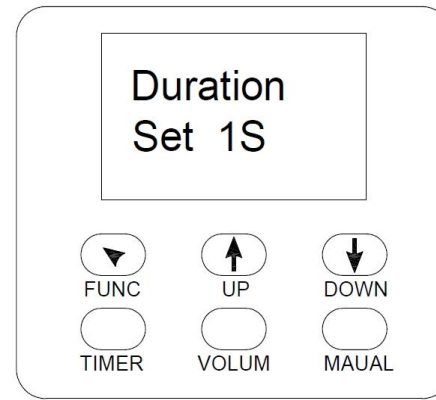
5.21 FUNC Menu



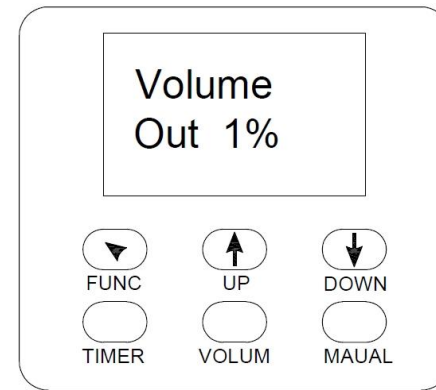
Picture 1 Adjust the output (Picture 1). Press FUNC one time, appear Picture 1, it means adjust the output, press UP and DOWN, it can adjust 1%~100% output, press VOLUM, it can jet immediately.



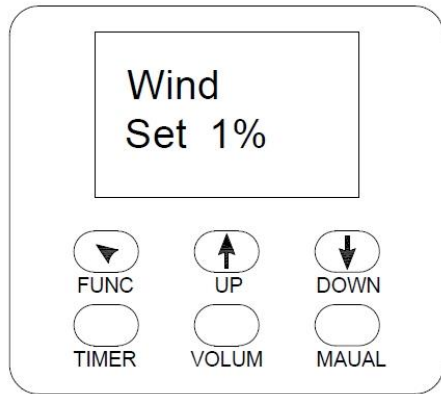
Picture 2 Interval time (Picture 2). Press FUNC two times continuously, appear Picture 2, it means adjust the interval time, press UP and DOWN, it can set 1~200s interval time.



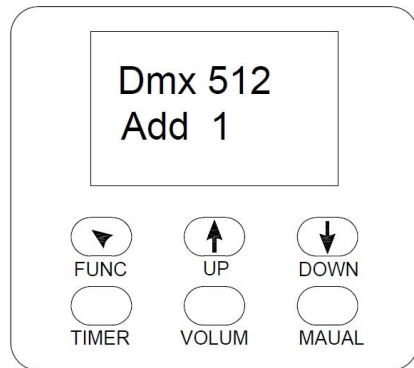
Picture 3. Smoke discharge time (Picture 3). Press FUNC three times continuously, appear Picture 3, it means adjust the smoke discharge time, press UP and DOWN, it can set 1~200s smoke discharge time.



Picture 4. Smoke Output (Picture 4). Press FUNC four times continuously, appear Picture 4, it means adjust the smoke output, press UP and DOWN, it can set 1%~100% smoke output.



Picture 5. Wind output
 (Picture 5) . Press FUNC five times continuously, appear Picture 5, it means adjust the wind output, press UP and DOWN, it can adjust 1%~100% wind output.



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.

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, return to the main menu.

5.23 VOLUM Key-press

Press "VOLUM", the machine starts to working, show the picture 1 spray time. Also it can adjust the spray time through "UP" and "DOWN". Press the "VOLUM" again, return to the main menu.

5.24 MAUAL Key-press

Press "MAUAL", fan output. It shows the setup picture 5. Also it can adjust the fan output through "UP" and "DOWN". "VOLUM" and "MAUAL" can be controlled independently after heating up if the machine hasn't turned into the "FUNC" menu.

5.3 DMX control

DMX has priority when the machine is put in the XLR socket. (It means the machine is controlled by DMX, the data will be connected to the DMX, all the key-press on the machine will be stopped using.)

When the machine receives the correct DMX signal, the machine will have two channels, the first channel = pump, second channel = fan.

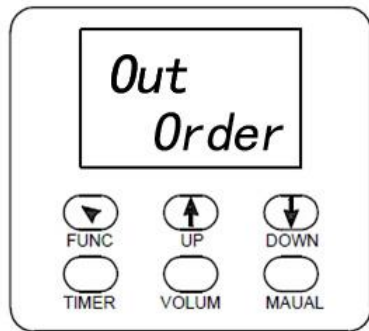
Through the XLR socket, it can connect to multiple machines and use all at the same time.

5.4 FLUID PROTECTION

When the haze fluid is completely depleted, the LCD panel interface is shown in picture 7. In this case, the haze machine stops working, need to add fill in haze liquid and then press MAUAL

button to reset, the pump will work 40 seconds until the LCD panel display interface for Picture 3, haze machine work normally.

If the tank still have liquid inside but the machine show “ Out Order”, please check the liquid tube and fast connector of bottle cap firstly and then check the pump.



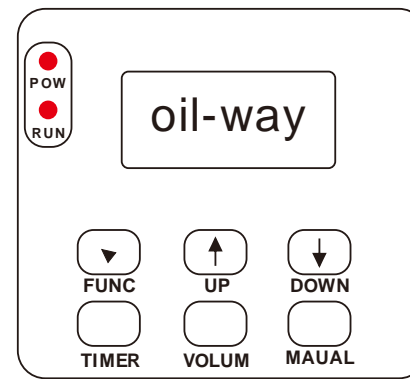
Picture 7. Fluid protection

5.5 FLUID PROTECTION SYSTEM ON AND OFF SETTING METHOD

If you press many times “ MANUAL” button but can not get back from “ Out Order” when all the spare parts in normal, you can press six times “ FUNC” button and then LCD show picture 8 “ Oil-Way”, press “UP” button one time, LCD show “ OFF”, and then press “ FUNC” button to turn off the fluid protection system.

Press “ VOLUME” button and adjust the smoke output into 100%, waiting for 1-2minutes, machine will work normally.

Press “ FUNC” button six time LCD show picture 8 “ Oil-way”, press “ DOWN” button LCD show “ ON” and then press “FUNC” again to turn on the fluid protection system.



Picture 8. Fluid protection System ON and OFF

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 use the contaminate 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.

Power	900W	1200W	1200W
Heat up time	5Minutes	2-3Minutes	
Output	3500cu.ft/min	5000cu.ft/min	
Liquid consumption	1L / 4Hours	1L / 3.5Hours	
Fan speed	100%	1%~100%	
Smoke output	1%~100%	1%~100%	
Bottle	1L	2L	5L
Machine size (CM)	37.5×25.5×26.5	40.5×28.5×27	51×41×30
Weight	9KGS	10KGS	19KGS
Voltage	AC110V, 220-250V 50/60Hz		
Fluid protection function			

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 oupling
- 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 over-temperature 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

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 guarantee 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.

