

◆ W-4 wireless remote controller



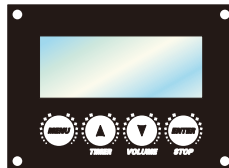
Press "Lock", machine starts to work, press "Lock" again, machine stops

When controlled by wireless controller, the output volume will follow accordingly the setting up by LCD "Volume OUT". For example, when controlled by wireless controller, if the "Volume Out" on the LCD is set as 1%, the output will be at lowest volume. if the "Volume Out" on the LCD is set as 100%, the output will be full on.

Notice:

- ① When the unit is powered on, and the wireless status is ON, the LCD display will show "wireless setup". In such case, user can register pair the wireless remote by pressing "Lock" button for 1s on the remote. If the LCD display flickers twice, the pairing is successful.
- ② If the wireless function is off (the LCD shows "Wireless Set Off") When the unit is powered on again, the LCD display will not show "wireless setup"
- ③ Wireless control is invalidated when controlled by DMX.

◆ LCD-4 control



Please take note LCD control is invalidated when the unit is connected to DMX.

4 buttons on the LCD controller.

"MENU": Menu pages selection (different pages for different status);

"UP" : Increase, multiplex "TIMER" button;

"DOWN": Decrease, multiplex "VOLUME" button;

"ENTER": In/Out, multiplex "stop" button ;

Press" MENU "button to switch different pages, 10 pages in all:

Page 1: "Ready to fog"
The machine is ready to work

Page 2: "Interval Set"

Set the interval of timer mode, adjustable from 5~200s ;

Page3: "Duration Set "

Set the duration of timer mode, adjustable from 5~200s

Page 4: "Timer Out "

Set the output volume of "Timer" mode, adjustable from 1%~100%

Page 5: "Volume Out "

Set the output volume of "Volume" mode, adjustable from 1%~100%

Page 6: "Fan Speed "

Set the fan speed, adjustable from 1%~100%

Page 7: " Fluid Sensor "

Turn on/off no-fluid protection function

Page 8: " DMX512 Address "

The DMX address can be set up from 1 to 512;

Page 9: " Wireless Set "

To turn on/off the wireless function

Page 10: " Direct Timer "

Turn on/off " Direct Timer " function. When power is on again, continue " Timer " working mode from last time power cut off

Under any setting pages, press STOP to exit or return to the page one. When the unit is working, press STOP to stop running and return to the page one.

After enter into different setting pages, press UP and DOWN to change the value.

When it is in the page one, press TIMER button to enter into timer mode, the detail is as below:

① "Interval 10s "

② "Duration 10s "

The two pages will display circularly, according to the time (such as 10 s) will be subject to the current set of values (1 and 2 set of page).

In the condition of timing, the smoke volume is controlled by the Timer Out.

When in the first page ,it's available to press " VOLUME ", and ready to work, description is as below:

When enter the work stage , the smoke volume is according to the "Volume Out " .

◆ DMX Control

When the unit is connected to DMX, LCD display will show the address value only. In such case, press UP and DOWN button to change the 512 address.

◆ DMX channels

CChannel 1: fan speed, 0~10 OFF; 11~255 increase

Channel 2: Output, 0~10 OFF; 11~255 increase

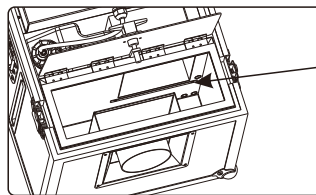
X-SW1500 has built-in 3 pin and 5 pin DMX sockets for connecting DMX controllers. There are 2 channels that output value from 0-255. When connected to the DMX controller, the machine's output interval, duration, volume are all controlled by DMX but LCD-4.

It is allowed to be controlled together with all the other equipments by the same DMX controller.



Other Important Notes

1. Water tank 1 is for storage with pure water. Do not fill any other liquid. When filling water, the water capacity is within the red water level line of the inner tank, otherwise the water will outflow from the backside spill outlet of machine.



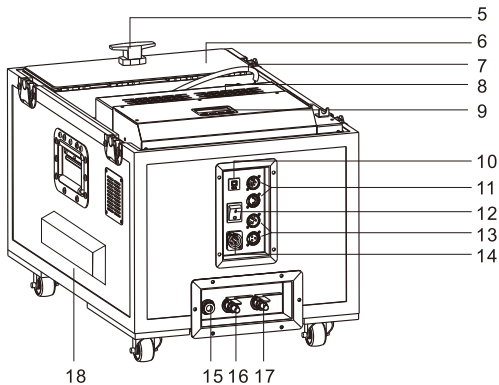
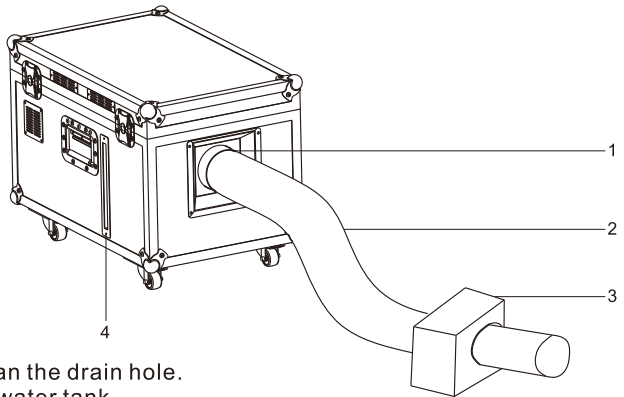
WATER LEVEL

2. Water tank 2 is for operating. Do not fill any other liquid. With the aid of pump, the water tank 2 will fill water automatically. No need to open the flight case to check tank No. 2.
3. There is a square black metal partition on the machine left. It is the air intake. Please keep it uncovered and clean.
4. If there is too little smoke output, loud noise or unsmooth fog effect, please turn off the machine immediately, check the fog fluid and water quantity, and controller connection. If no problem was found, turn on the machine again and check its working status. Please stop working machine to protect

Atomization Maximum Duration: 1hour
 Max Output Coverage: 120m²
 DMX Channel : 2
 Wireless Remote Controller: W-4
 Water Tank Total Capacity: 7.5kg
 Tank Capacity: 3.5L
 N.W.: 27kg
 G.W.: 31kg
 Flight Case Size : 608/392/455(mm)
 Package Size : 690/490/575(mm)
 Consumables : PRO-V、PRO-A、PRO-D

◆ Diagram

1. Spraying nozzle
2. Hose
3. Hose Fixed Mount
4. Fluid Level Indicate
5. Spin lock
6. No.1 water tank
7. Fluid tank
8. Fan
9. LCD display
10. Overload protector
11. 5-pin DMX
12. Power switch
13. 3-pin DMX
14. Input power
15. Water level is higher than the drain hole.
16. The drain hole of NO.2 water tank
17. The drain hole of NO.1 water tank
18. No. 2 water tank



◆ Fog machine oil blowout and heater blocking phenomenon analysis

Please use the original consumables, protect your health and life of machine

A.Fluid injection trouble: Refers to the fog fluid atomizing in the heater pipe of the machine is not good, heater temperature cannot be timely and effective transmit to the fog fluid, fog fluid cannot all atomization and lead to oil injection

First reason: Using the low quality or counterfeit fog fluid, low quality fog fluid have more impurities, easy to adhere to the pipe wall and hindered temperature transmission result in incomplete atomization caused oil injection.

Second reason: using an incorrect fog fluid. Different fog fluid have different required atomization temperature. If you use the wrong fog fluid result in oil cannot fully atomization caused oil injection.

B.Heater blocking trouble: poor atomization fluid injection is the early signs of heater block. Using poor quality fog fluid or not timely maintenance cleaning the fog machine for a long time. Inevitable will appear the terminal symptom of heater blocking.

Reason: heater blocked is because used inferior fog fluid or not maintenance for a long time. Have nothing to do with the quality of machine. Like a car with poor quality gasoline produce poor oil circuit failure or long-time no maintenance the car will inevitably appear bigger problems. (fig 1)(fig 2)

C.Solutions to these problems: fog machine heating pipes used for a long time and then the pipe wall will easily produce sediments (The more inferior fog fluid the more impurities thus lead to oil injection or blocked). All fog machines need regular maintenance (fog machine maintenance cycle for 1 to 2 months/time). Specific maintenance method: after heating the 35% white vinegar plus 65% distilled water and then spray 10 to 15 times

Conclusion: As long as the fog machine with fluid injection or heater blocking after using a period of time. It was caused by fog fluid quality or lack of maintenance, has nothing to do with the quality of the machine. Please use the original high quality fog fluid and timely maintain it, then it can be used for a long time.

Pipeline has covered by dirt, insufficient heat transfer result in water-spraying.

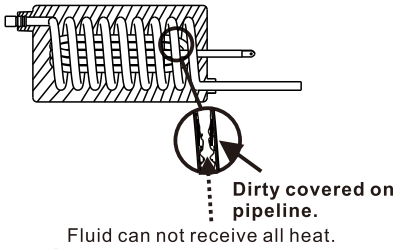


Fig 1

Pipeline has covered by dirt, that results in blocked heater.

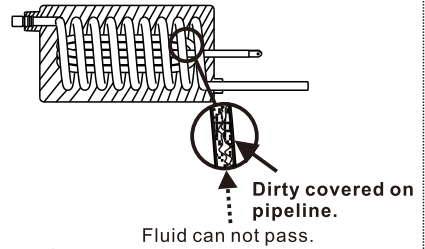


Fig 2

