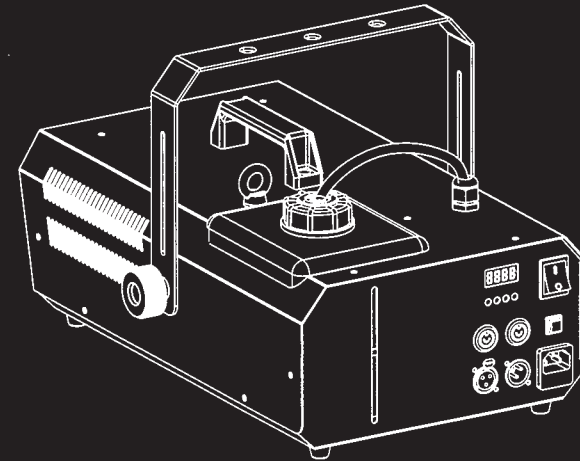


djv[®] BY DJPOWER[®]

[PRO STAGE EFFECTS]



COMPLAINTS E-MAIL: FOG-CAT@26.COM

CS-1500 DMX USER MANUAL
FOG MACHINE

◆ Foreword

Thank you very much for choosing DJPOWER CS-1500 DMX Fog Machine. Before start operating, we strongly suggest you to read the user manual carefully. Following the instructions here will ensure your safety while operating the machine, easily achieve the best effect, as well as understand the right way to maintain the machine, hence to prolong the product life cycle.

◆ Products description

Simple and durable fog machine with DMX function are very stable in performance. Improved the anti-blocking performance which is the best choice for simple performance. Sophisticated technology, outstanding anti-interference performance, defeat similar models.

◆ Features

1. Nixie tube DMX display interface, easy to use;
2. 3-pin DMX-512 control socket;
3. Optional remote control can be conveniently grouped use and several fog machines used together can be select to control.
4. Oil-free protect function greatly improved durability;
5. Pls use DJPOWER's high quality fog fluid DJV-001/ D-01/ D-03, otherwise it will damage the machine.

◆ Safety operation

- Keep the fixture dry. For indoor and outdoor use.
- Use grounded electrical outlet. Prior to use, make sure that unit is installed at the rated voltage.
- Turn off or unplug when not using it.
- This machine is not water-proof. Please keep it away from moisture and water. If moisture, water, or fluid gets inside the housing, stop using it.
- No user serviceable and modifiable parts inside. Do not disassemble the housing and do any modification, otherwise it might cause damage to the unit or danger of burning.
- For adult use only. Fixture must be installed out of the reach of children. Never leave the unit running unattended. Keep it away from fire, combustible and flammable materials.
- Position the machine in well-ventilated area. Please leave about 50cm spaces surrounding the unit.

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 fluid injection.

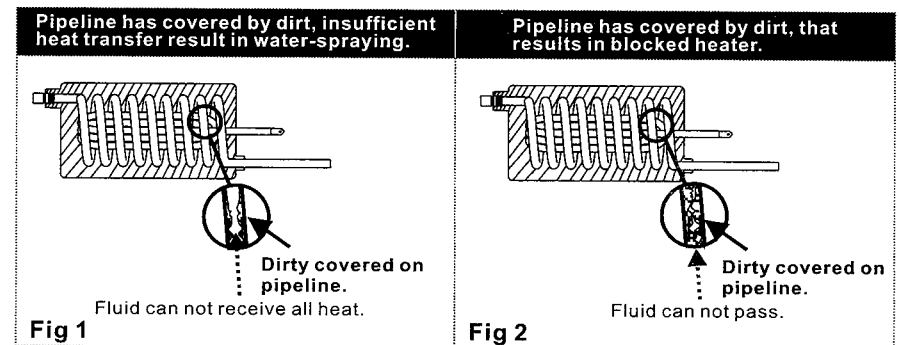
Second reason: using an incorrect fog fluid. Different fog fluid have different required atomization temperature. If you use the wrong fog fluid result in fluid cannot fully atomization caused fluid injection.(fig 1)

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 fluid circuit failure or long-time no maintenance the car will inevitably appear bigger problems. (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 fluid 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

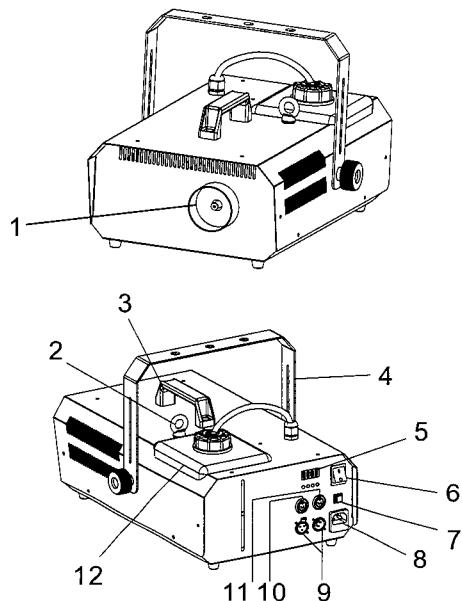
Conclusion: As long as the fog machine with fluid injection or heater blocking after using a period of time. It was caused by fog fluid quality or lack of maintenance, has nothing to do with the quality of the machine. Please use the original high quality fog fluid and timely maintain it, then it can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



Heat-up Time: 4min
 Output: 2400cuft/min
 Fluid Consumption Rate: 8.3min/L
 Max Output Distance: 6m
 Wired Controller: M-1
 Wireless Remote Controller: W-2
 DMX-512: ✓
 Tank Capacity: 2.5L
 N.W.: 6.3kg
 G.W.: 7.5kg
 Machine Size: 431/332/193(mm)
 Package Size: 510/365/265(mm)
 Consumables: DJV-001/D-01/D-03

◆ **Graphic Illustration**

1. Nozzle
2. Safety ring
3. Handle
4. Hanging bracket
5. Digital display
6. Power switch
7. Spray button
8. Power socket
9. 3-pin XLR for DMX
10. Wired remote pin socket
11. Wireless control pin socket
12. 2.5L Oil tank



◆ **Fog machine fluid 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 fluid injection

- Please do not use the fixture under high temperature.
- Never add flammable liquids of any kind(oil, gas, perfume) to the fog liquid.
- If something wrong happen while using, please stop the fixture immediately, cut off the power, and check the fog liquid amount, fuse, power cable and power plug. If problem could not be resolved, please contact with your dealer.
- Please use DJPOWER's high quality fog fluid DJV-001/ D-01/ D-03, otherwise it will damage the machine.
- Never drink liquid. If it is ingested, call a doctor immediately for any discomfort. If liquid comes in contact with skin or eyes, rinse thoroughly with water.

◆ **Unpack and inspect the machine**

Once receiving the machine, carefully unpack the carton, check all content to ensure that all parts are present and have been received in good condition. If any parts appear damaged or mishandled from shipping, please do not power on the machine. Contact with the dealer immediately.

◆ **The following parts should be included when you receive the package**

1. One CS-1500 DMX fog machine
2. One W-2 wireless remote
3. One M-1 wired remote
4. One power cord
5. One user manual

◆ **Digital Tube Display Description**

No DMX signal connection, the digital interface will display "Addr".



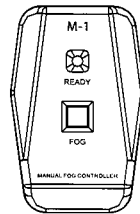
Under display "Addr" mode, press the "ENTER" key, enter the address code setting, digital display address code, press the ▲, ▼ keys to adjust address code value, press the "ENTER" key to confirm setting. Button no operation after 10s, digital re-entry display "Addr".

If there is DMX signal, digital interface will display address code. Press ▲, ▼ could adjust the address code.

◆ **Wired remote (M-1)**

Manual remote control operation(M-1)

Note: This button is point contact button, so the fog machine output fog only when holding down the button, if you release the button, it will stop output.



◆ Wireless remote(W-2)

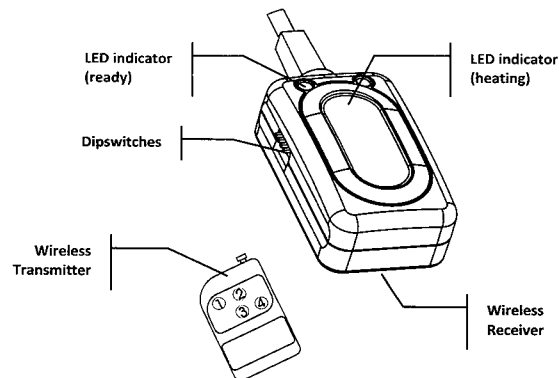
This device can use optional wireless controller to control the fog, this includes transmitters and receivers, you can control up to four separate fog machine, if it is to let them run at the same time the number could be more.

Please read the following instructions to operate the W-2 wireless controller
1. Insert the wire receiver into the 5-pin socket which have the logo "Wireless Controller" above the machine

2. There are four buttons on the wireless remote control transmitter can make smoke machine work. Each button is specified using in different smoke machine, you can only choose one address switches on each receiver. Please see the following configuration structure to set the receiver and transmitter of remote operations

Mode	Dipswitches
CH1	1 = On, 2-4 = Off
CH2	2 = On, 1,3,4 = Off
CH3	3 = On, 1,2,4 = Off
Ch4	4 = On, 1,2,3 = Off

3. Hold the fog machine button, the smoke machine can spray fog at any time you wish.



◆ DMX Settings

This fog machine has interior devices DMX. It uses 1 channel to control smoke output. This channel has a value range of 0 to 255. Timer functions such as duration and interval can be programmed using the DMX controller or the DMX control software used by the lighting and effects operator.

If channel A has a value from 0 to 5 the unit is OFF.

Between the code 6 to 255 the volume of fog output is regulated. With 6 being the minimum volume of fog produced and 255 approaching the maximum, The smoke output rises as the DMX value increased.

◆ Note

If you experience low output, pump noise or no output please disconnect the power immediately. Check fluid level, the external fuse, and power from the wall. If all of the above appears to be OK, plug the unit again. If fog does not come out after pressing the remote button for 30 seconds, check the hose attached to the tank to make sure there is fluid going through the hose. If you are unable to determine the cause of the problem, do not continue pressing the remote, as this may damage the unit. Return the machine to our dealer.

◆ Service and Maintenance

1. Please use DJPOWER fluid. It will prolong the lifetime of machines. To avoid danger, it is not allowed to take machine apart by unprofessional man. Neither to refit the machine.
2. Excessive dust, fluid residue and dirt will degrade performance and cause overheating. Remove dust from air vents with air compressor, vacuum or a soft brush. The casing could be cleaned by the damp cloth.
3. Before storing, run distilled water through the heating system to help avoid blocking the electric heating element.
4. It is recommended to run the machine on a monthly basis in order to achieve best performance and output condition.
5. All smoke machine will be blocked because of the inferior liquid or frequent use. Periodic maintenance is necessary for long term use. After 40 hours continuous working, please spray 10-15 times with the detergent composed of 35% vinegar and 65% distilled water.
6. Please properly operate the machine comply with user manual.

◆ Technical parameters

Model:	CS-1500 DMX
Voltage:	AC220V-240V 50/60Hz
Fuse:	8A/250V
Power:	1400W