DJPOWER®
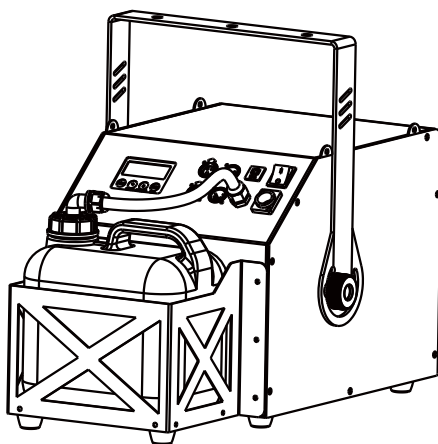
H-S2 USER MANUAL

SUPER QUIET SNOW MACHINE

■ Foreword

H-S2 super quiet snow machine is an updated version based on S-1, adopt DJPOWER's unique patent technology!
The machine can be hang up or placed on the ground to make the hanger changed into a support to adjust the angle of snow.
H-S2 has multi-functions like timer and ration, manual control, wireless control, DMX control, oil-free protection and so on.
The vivid and gentle snowflake will make your performance much more wonderful. Suitable for all places that need simulate the snowing effect.

■ Features

1. Super quiet, only 65db about 10m ranges ;
2. Snow output increased 30% than S-1. Snow size could be adjusted more evenly;
3. Fan speed increased 30%, snow could be transmited further;
4. Updated circuit design could make oil-support smoothly after long idle time;
5. Smaller weight, only 16kg;
6. Could be controlled by LCD or DMX-512 signal.
7. Pls use DJPOWER's high-quality PRO-X snow liquid only, Otherwise it will damage the machine.

■ Safety use

In order to prevent the snow fluid from splashing onto the ground after the snow disperse, causing the ground to be slippery, it is recommended to use a layer of absorbent cotton on the ground of the snow machine to prevent slipping. When the machine is used hanging, the bottom of the machine should be kept away from people or important objects. After using the machine, snow fluid remaining on the ground should be cleaned up promptly to prevent people from slipping.

1. 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.

2. 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.

3. 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.

4. 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.

5. Position the machine in well-ventilated area. Please leave about 50cm spaces surrounding the unit.

6. Please do not use the fixture under high temperature.

7. Never add flammable liquids of any kind(oil,gas,perfume)to the fog liquid.

8. If something wrong happens 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.

9. Use only DJPOWER high-quality PRO-X snow liquid.

10. 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.

■ Unpackaging and inspection

Immediately upon 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 shipper immediately.

■ What is included

1. 1 × H-S2 snow machine
2. 1 × power cord
3. 1 × wireless remote
4. 1 × user manual

■ LCD Control

Language can be chosen: Chinese or English. Convenient to use.
LCD controller only work when DMX control is disconnected. (unavailable when DMX is connected)

Four Buttons of LCD control:
"MENU"   : For changing the pages (different page for different setting)
"UP"   : Increase/ "TIMER" (Setting interval and duration)
"DOWN"   : Decrease/ Ration: (Setting snow output)
"ENTER" : Enter/Exist,

Press "FUNCTION" button, there are 11 pages, respectfully are:

1. English: "Ready To Fog"
The first page, it shows that the machine is ready to work

2. English: "Interval Set"
The second page, setting the snowflake output interval (the range is from 5 to 200 seconds)

3. English: "Duration Set"
The third page, setting of the snowflake output duration (the range is from 5 to 200 seconds)

4. English: "Timer Out"
The fourth page, setting of the snowflake volume output under the TIMER mode (the range is from 1% to 100%)

5. English: "Volume Out"
The fifth page, setting of the snowflake output under VOLUME mode (the range is from 1% to 100%)

6. English: "Fan Speed"
   The sixth page, setting of fan volume(the range is from 1% to 100%)

7. English: "DMX512 ADD"
   The seventh page, setting of DMX channel,

8. English: "Wireless Set"
   The eighth page, setting of the wireless remote control, press ENTER button to save after choosing ON/OFF setting

9. English: "Fluid Sensor"
   The ninth page, setting of low-fluid sensor, press ENTER button to save after choosing ON/OFF setting

10. English: "Direct Timer"
    The tenth page. If direct timer is ON, when user turn off the machine and power on gain, it will conduct the timer mode directly. After setting, press ENTER button to save.

11. English: "Language"
    The eleventh page, user can choose the language in this page, press ENTER button after choosing the language.

   Notes:
   - 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 directly. The snow output can be adjusted through TIMER OUT.
   Or press VOLUME button directly to let the unit work. At this time, snow output can be adjusted through the VOLUME OUT.

■ **Wireless remote Function**

Wireless remote control can work over 50 meters. This function is available once the machine is connected and powered on, also the DMX control is shut off.
W-4 remote controller has two buttons, the left one for starting snowflake output, the right on for stopping snowflake output.The same machine can be matched with five controllers with different frequency channels at most. By doing so, each machine can be controlled independently without effects from other remote controllers. Instruction as follows.

1.1 The match of the wireless remote
After the machine is powered on and the wireless remote function page shows ON, the LCD displays"Wireless Setup", then the remote control can be matched. Press any button of wireless remote (last for 1s at least) , the display page will flash twice showing the match of remote controller is done successfully. The same machine can match with five controllers with different frequency channels at most. If user register the sixth one, then the memory for the first one will be erased.

While if the machine has matched with five controllers last time, and user matches it with another new remote in next time's use, it would only recognize the new remote rather than the old three.

For example:

①If one machine matches three remote controllers.During 15s after the machine is powered on, the LCD display shows "Wireless Setup", press any buttons on the three remotes respectively within 15s. The display page will flash twice showing the match of remote controller being matched successfully, or it needs to rematch.

②If one wireless remote controls two or more machines. Power on two machines simultaneously, LCD display screens will show "Wireless Setup", press any buttons on the remote till the display pages flash twice.

1.2 Operation under remote control
Press ON button to run the unit or OFF button to stop it.. Under remote control, the snowflake volume output is based on the value of "Volume Out" setting. For example, if the volume setting is 1% set under "Volume Out"page, then it will be 1% when controlled by wireless remote. If it is 100 % volume output under "Volume Out"page, it will be 100% accordingly under remote control
Note:

①When register the wireless remote,, keep pressing the "ON" button till the display page flashes twice. By doing this, W-4 are matched successfully.

②If the wireless remote is under OFF status, when the machine is powered on again. The LCD display will not show "wireless setup"

③Wireless remote control function is unavailable under DMX control.

■ **DMX Control**

After receiving DMX signal, LCD display only shows the DMX512 address page. User can can change the DMX512 address freely.
There are two DMX control channels, as follows.
Channel 1：Control the wind's volume, (0-5) OFF, (6-255) ON , (6-255) wind's volume increases gradually.
Channel 2: Control the snow output, (0-5) OFF, (6-255) ON, (6-255) snow output increases gradually.
Remarks: Under DMX control, if channel one is "OFF" ,while the channel two is "ON", then the wind output would be the minimum volume.

■ **Low-fluid Sensor**

This machine use Oil-test PCB to detect whether there is fluid inside tube or not, hence to protect the pump from being damaged when there is no fluid.

1.1 How to activate "low-fluid protection"
When this function is set "ON" , and the internal detector check out there is no fluid inside the tube over 10s, low-fluid protection activates. The LCD display shows "NO Fluid" and keeps flashing. The machine stops working.

1.2 How to release "low-fluid protection"
When the machine is under the protection of low fluid, after refilling the fluid, there are three ways to release the protection.

a). Keep pressing the" ENTER" button. Under this mode, the pump works at the maximum output, meanwhile the inside sensor keep detecting the fluid status. The machine would exit low-fluid protection after l0s until the pump is filled with fluid.

b). Under the DMX control, firstly push the slider of channel 2 to the value zero (Snow output OFF),then push the slider up to value above 5(Snow output ON). In such case, the pump also works at the maximum output until the tube is filled with fluid and the unit exit low-fluid protection. If within 10s. There is still no fluid in the tube, it would enter low-fluid protection mode again. To release the low fluid protection function successfully; please repeat the above operation until the LCD display does not show "NO Fluid"

c). Under low-fluid protection mode, press "MENU" button, the page will change to "Fluid Sensor" page. The machine would exit low-fluid protection and work again by setting "OFF."
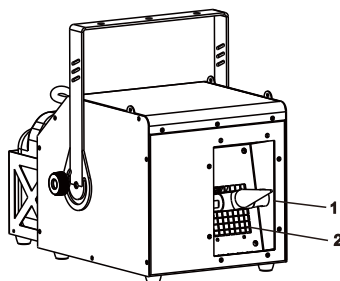
Remarks: This function only operate under "Fluid Sensor On" mode. If the free-oil protection is shut off, it does not work.

> **Note:**
> If the machine is not used over 15 days, please refill some clean water rather than the snow fluid and make the machine operated for several minutes. By doing so, the pump can work normally next time.

■ Specification

Voltage:	AC 100-120 V 50/60 Hz	AC 220-240 V 50/60 Hz
Breaker:	6 A/250 V	5 A/250 V
Total Power Consumption:	550 W	550 W
Fluid Tank Capacity:	5 L	
Noise:	≥10 M, 65 db	
Fluid Consumption Rate:	2.8 min/L	
Wireless Remote:	W-4	
Net Weight:	17.9 kg	
Gross Weight:	20.9 kg	
Machine Dimensions:	526.6/365/315 mm	
Packing Dimensions:	648/423/418 mm	

■ Product overview

1. Snowflake Bag
2. Nozzle
3. Cradle
4. LCD Screen
5. Air Inlet
6. Knob
7. Safety Hole
8. 3-pin DMX Socket
9. Overloaded Protector
10. Power Switch
11. Power Socket
12. Oil Inlet Junction
13. 5-pin DMX Socket
14. Oil Container
15. Rubber Feet