



User manual



Fog machine DSK-1800

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1. Safety instructions



- This Device is suitable for indoor use only.
- All modifications will void the warranty.
- Repairs have to be carried out by skilled personnel only.
- Only use fuses of the same type and original parts as spare parts.
- Protect the Unit from rain and humidity to avoid fire and electric shocks.
- Make sure to unplug the power supply before opening the housing.

1.1. Instructions for a safe and efficient operation

Be careful with heat and extreme temperature

Only use the device in a place where no extreme temperatures will occur.
Do not keep it in a temperature below 32°F /0°C, or exceeding 104°F /40°C.
Avoid exposing it to direct rays of the sun or near a heating appliance.

Keep away from humidity, water and dust

Do not place the set in a location with high humidity or lots of dust.
Containers with liquid should not be placed on the set.

Avoid placing it on un-stable location

Select a level and stable location to avoid vibration.

Do not use chemicals or volatile liquids for cleaning

Use a clean dry cloth to wipe off the dust. Metal Parts can be cleaned with a wet soft cloth for stubborn dirt.

If out of work, contact sales agency soon

If any troubles occurs, remove the power plug immediately, and contact with an engineer for repairing, do not open the cabinet by yourself, it might result a danger of electric shock.

Take care with the power cable

Never pull the power cable to remove the plug from the receptacle, be sure to hold the plug. When not using the device for an extended period of time, be sure to disconnect the plug from the receptacle.

IMPORTANT:

Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems. Make sure the electrical connection is carried out by qualified personnel. All electrical and mechanical connections have to be carried out according to the European safety standards.

1.2. More information on safe use

- Disconnect the unit from the electricity supply before refilling liquid.
- Only 3-prong grounded outlet is available for all the DSK models. Please make sure that the unit's voltage is within range of rated one.
- Keep the unit in upright position at any time.
- This unit is for adults use only. Keep away from children. Never leave the unit running unattended.
- The output smoke is very hot. Please keep at least 50cm away from the nozzle during operation.
- Never aim the output nozzle directly at people.
- Never aim the output nozzle at open flames.
- Please cool down the smoke machine before cleaning or maintaining it.
- Put the unit in a well-ventilated area. Never seal the unit's vents. Allow a free air space of at least 20cm around the sides and top of the unit to guarantee adequate ventilation.
- Never add any flammable liquids (such as oil, gas, perfume) to the smoke liquid.
- Only use high-quality, water-based liquid recommended by your distributor. Other fog liquids may cause clogging or spouting.
- Always make sure there is sufficient liquid in the tank. Operating this unit without liquid might cause damages to the pump as well as over-heating of the heater.
- Never drink the fog liquids. If it is ingested, connect with a doctor immediately. If the fog liquids come in contact with skins or eyes, rinse thoroughly with water.

Note: please pay attention to all the warning labels and instructions printed on the exterior of the unit.

2. Introduction

Thank you for choosing the DJ Power DSK 1800 Smoke Machine. We kindly suggest you to read this manual carefully before using the unit. Abiding by all the instructions of using the DSK-series will ensure you long-term stable and satisfactory effects. Please follow these operation, safety and maintenance instructions to ensure the machine's normal work and prolong its usage life.

2.1. Product description

The DSK 1800 is a Fog machine which can be used standing on the floor or hung up. With the patent pending Instant Fog Stop Technologie there will be no more Fog output after the Fog Button is released, the Machine will instantly stop fogging. The Machine also uses the patented Mirror Pipe Technology which will save the machine of blockage and deposits.

2.2. Unpacking

Open the shipping packing and check whether all the necessary accessories to operate the unit have arrived complete and intact. If you can see any faulty parts do not connect the Machine to the power supply and contact your distributor soon.

The shipping packing should contain the following items:

- DSK 1800 machine
- Power Cord
- Remote
- User Manual
- Suspension Handle

3. Usage / Control

3.1. Installation

- Take out the unit from the shipping package; make sure all the foams and plastic padding are removed, especially in the nozzle areas.
- Place the unit on a flat surface and remove the tank cap.
- Fill the tank with high-quality, water-based fog liquid recommended by the distributor. Any other types of liquids may cause spraying water or serious clogging problem. After infusing the liquid, seal the tank with cap. Be careful that the liquid doesn't exceed the maximum level. Do NOT OVERFILL.
- Close the Tank and assure yourself, that no liquids came inside the Machine. If you feel uncomfortable it is also possible to take the tank out of the machine before filling it up. Liquids inside the machine can cause short circuits and could cause danger for your own safety.

3.2. Starting up the machine

- Connect the Power Cord (delivered with the machine) to a Power Supply according to the technical Data of the device. Please make sure the device is sufficiently grounded.
- Turn on the machine by the Power switch on the back.
- The switch will light up red when the machine is on Power.
- You can read "Heating up" on the display now.
- The machine will need about 9 minutes to heat up. When the heating up is done the display will show "Ready to fog".

3.3. Explanation of menu and display

3.3.1. Explanation of the buttons



You will find 6 buttons on the machine:

- FUNCTION: Press the button to scroll through the menu
UP: Press the button to increase the value
DOWN: Press the button to decrease the value
TIMER: Press to start the Timer Function
VOLUME: Press to set the amount permanent fog output
MANUAL: Press to trigger the maximum output

3.3.2. Setting up the remote



When the Wireless Controller function is turned on in the menu, the above shown bar chart will be shown in the display. In the following 15 seconds you will be able to pair the remote. Press one of the buttons on the remote. The display will flash 2 times for confirmation. You are able to pair the remote to another machine, or more than one machine to the same remote in this way.

3.3.3. DMX Setup and usage

- Press FUNCTION until the display shows “ADD XXX”
- Use the UP / DOWN keys to set a value between 001 – 512
- Consider that one machine uses 1 DMX channel
- DMX value from 0 to 5 means the machine is in standby. If you raise the level from 6 - 255 you will increase the amount of output

3.4. Timer Function

If you want to use the timer function for the remote you just have to push TIMER once on the machine. Pushing it again will end the Timer Function for the remote.

3.4.1. Interval

- Press FUNCTION until the display shows “Interval Set”
- Use the UP / DOWN keys to set a Interval between 1 – 200 seconds
- This setup is required if you want to use the Timer function

3.4.2. Duration

- Press Function until the Display shows “Duration”
- Use the UP / DOWN keys to set a Duration between 1 – 200 seconds
- This setup is required if you want to use the Timer function

3.4.3. Amount of Fog

- Press Function until the Display shows “Timer out”
- Use the UP / DOWN keys to set a Output between 1 – 100 %
- This setup is required if you want to use the Timer function

3.5. Volume Function

If you want to use the volume function for the remote you just have to push volume once on the machine. Pushing it again will end the Volume Function for the remote.

3.5.1. Amount of Fog

- Press Function until the Display shows “Volume out”
- Use the UP / DOWN keys to set a Output between 1 – 100 %
- This setup is required if you want to use the Volume function

3.6. Remote

- Press Function until the Display shows “Display Wireless On”
- Use the UP / DOWN key to turn the remote off / on

3.6.1. Use of the Remote

The Remote has two buttons. Button A turns on the function, button B will turn off the function. The transmission is able to reach 50 meters.

You can assign 5 remotes to every fog machine.



3.7. Fluid sensor

The Fluid Sensor controls when there is enough fluid left in the tank. You can disable this function:

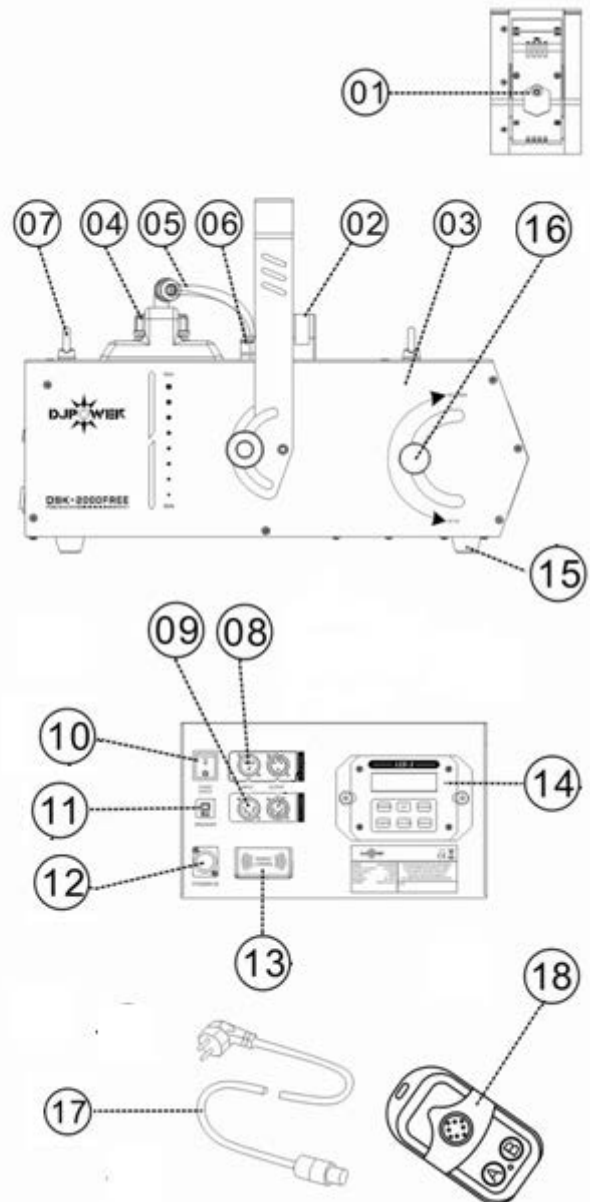
- Press Function until the Display shows “Fluid Sensor On”
- Use the UP / DOWN keys to switch the Sensor on / off
- Please notice that running low on Fog will cause Damage to the machine.
- If the Sensor is activated an the fog level is low it will deactivate the pump in between 20 seconds
- For resetting the Fluid sensor you can push A on the remote or start the fog by DMX.

3.8. Display

Ready to Fog W	W means Wireless receiver is On
Ready to Fog S	S means Fluid Sensor is on
Ready to Fog WS	WS means both, Wireless receiver and Fluid sensor are turned on
Ready to Fog	means both, Wireless receiver and Fluid sensor are turned off

4. Explanation of the hardware

1. Nozzle
2. Handle
3. Body
4. Tank & tank's cap
5. PU tube & filter
6. Tube adaptor
7. Safety ring
8. 3 pin XLR In for DMX-signal
9. 5 pin XLR In for DMX-signal
10. Main switch
11. Circuit breaker
12. Power socket
13. Wireless receiver
14. Control panel
15. Foot
16. Knob
17. Power cord
18. Wireless remote



5. Technical data

Voltage	AC 220V-240V 50/60Hz
Power consumption	1800W
Fog Output	Ca 566 m ³ /min
Preheat time	Ca 9min
Tank Volume	5l
Controller	DMX or Remote
Weight	14,00 kg
Measures	750 x 405 x 370 mm
DMX channels	1

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