

YANGHOPES 2Head CO2 Fog Machine

YANGHOPES 2-Head CO2 Fog Machine Instruction Manual

Model: 2Head CO2 Jet Machines

1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your YANGHOPES 2-Head CO2 Fog Machine. Please read this manual thoroughly before installation and use, and retain it for future reference. This device is designed to produce dramatic CO2 fog effects for stage performances, concerts, parties, and other events.

The 2-Head CO2 Fog Machine features two independent CO2 jet outputs, capable of spraying CO2 gas columns up to 6-10 meters high. It supports DMX512 control for precise effect synchronization and offers multi-angle adjustment for versatile staging. The robust design ensures reliable performance in various event settings.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in serious injury or death.

- **CO2 Gas Handling:** Use only edible-grade or industrial-grade CO2 gas. Ensure CO2 tanks are securely fastened and handled by trained personnel. Always operate in well-ventilated areas to prevent CO2 accumulation, which can lead to asphyxiation.
- **Pressure Hazard:** The system operates under high pressure. Ensure all connections are tight and hoses are in good condition. Never attempt to disconnect hoses or fittings while the system is pressurized.
- **Electrical Safety:** Connect the machine to a grounded power outlet with the correct voltage (110V-120V). Do not operate with damaged power cords or plugs. Keep the machine dry and away from liquids.
- **Placement:** Position the machine on a stable, level surface. Ensure the CO2 jets are directed away from people, animals, and flammable materials. Maintain a safe distance from the jet output.
- **Temperature:** Do not expose the machine to extreme temperatures.

- **Maintenance:** Only qualified technicians should perform repairs or extensive maintenance.

3. SETUP

Follow these steps to set up your CO2 Fog Machine:

1. **Unpacking:** Carefully remove all components from the packaging. Verify that all parts are present: the 2-head CO2 fog machine, a 6-meter high-pressure CO2 hose, and a power cable.
2. **Placement:** Place the machine on a stable, flat surface. Ensure there is adequate space around the machine for ventilation and safe operation of the CO2 jets. The machine can be used flat or upside down.
3. **Connect CO2 Hose:** Attach one end of the 6-meter high-pressure CO2 hose to the CO2 tank (not included). Securely tighten the connection.
4. **Connect Machine:** Connect the other end of the CO2 hose to the inlet port on the CO2 fog machine. Ensure this connection is also securely tightened to prevent leaks under pressure. The machine features solid metal interfaces and sealing rings designed for high pressure.



Image: The 2-Head CO2 Fog Machine with the 6-meter high-pressure hose and power cable connected, ready for operation.

5. **Power Connection:** Connect the power cable to the machine's power input and then to a suitable 110V-120V AC grounded power outlet.
6. **DMX Connection (Optional):** If using DMX control, connect a DMX cable from your DMX controller to the DMX IN port on the machine. For multiple units, connect from DMX OUT of the first machine to DMX IN of the next.
7. **Adjust Angle:** The CO2 jets are multi-angle adjustable. Use the large base and support frame at the bottom to adjust the angle up to 180 degrees to achieve desired staging effects.



YANGHOPES
— life show —



Image: A side view of the 2-Head CO2 Fog Machine, illustrating the adjustable angle of the CO2 jet nozzles.

4. OPERATING INSTRUCTIONS

The 2-Head CO2 Fog Machine can be operated via DMX512 or manually.

4.1. DMX512 Control

For DMX operation, ensure the DMX switch on the machine is set to 'ON'. Refer to your DMX controller's manual for specific programming. The machine typically uses one or more DMX channels to control the

activation and duration of the CO2 jets. Consult the machine's display for DMX address settings.

4.2. Manual Operation

For manual operation, ensure the DMX switch is set to 'OFF'. The machine will likely have a manual trigger button or switch. Pressing this button will activate the CO2 jets. Release the button to stop the effect. Always ensure a safe distance and clear area before manual activation.

4.3. Activating CO2 Supply

Once all connections are secure, slowly open the valve on the CO2 tank. Listen for any leaks. If leaks are detected, immediately close the valve and re-check all connections. The machine is now ready for operation.

Your browser does not support the video tag.

Video: Demonstration of the YANGHOPES 2-Head CO2 Fog Machine in operation, showcasing its powerful CO2 jet effects in a live event setting.

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Video: A multi-angle demonstration of the CO2 Fog Machine, highlighting its versatility and the wide spread of the CO2 gas column.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your CO2 Fog Machine.

- **Cleaning:** After each use, wipe down the exterior of the machine with a soft, dry cloth. Ensure no dust or debris accumulates in the jet nozzles or control panel.
- **Hose Inspection:** Periodically inspect the high-pressure CO2 hose for any signs of wear, cracks, or damage. Replace the hose immediately if any damage is found.
- **Connection Check:** Before each use, verify that all CO2 and power connections are secure and free from leaks.
- **Storage:** When not in use, disconnect the CO2 tank and power. Store the machine in a dry, cool place, away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

If you encounter issues with your CO2 Fog Machine, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No CO2 jet output	CO2 tank valve closed Empty CO2 tank Hose not connected securely DMX signal issue (if in DMX mode)	Open CO2 tank valve Replace CO2 tank Tighten hose connections Check DMX cable and controller settings
Weak CO2 jet output	Low CO2 tank pressure Partial blockage in hose or nozzle	Check CO2 tank pressure, replace if low Inspect hose and nozzles for obstructions (ensure system is depressurized before inspection)
Machine not powering on	Power cable disconnected No power from outlet Blown fuse	Check power cable connection Test outlet with another device Check and replace fuse (refer to specifications for fuse type)
CO2 leaks from connections	Loose connections Damaged sealing ring or hose	Immediately close CO2 tank valve. Tighten all connections. Inspect sealing rings and hose for damage and replace if necessary.

7. SPECIFICATIONS

Feature	Detail
Model	2Head CO2 Jet Machines
Power Supply	110V-120V AC
Power Consumption	150W
CO2 Gas Type	Edible grade CO2 or Industrial grade CO2
Jet Height	6-10 meters
Hose Length	6 meters
Control Mode	DMX512, Manual
Adjustable Angle	180 degrees
Item Weight	11.62 pounds (approx. 5.27 kg)
Package Dimensions	12.8 x 12.8 x 10.12 inches (approx. 32.5 x 32.5 x 25.7 cm)
ASIN	B0CGS9YC3X

8. WARRANTY AND SUPPORT

YANGHOPES is committed to providing quality products and customer satisfaction. If you have any questions or require assistance with your YANGHOPES stage equipment, please do not hesitate to contact us. Our customer support team is available to provide prompt pre-sales and after-sales service. For support, please refer to the contact information provided with your purchase or visit the official YANGHOPES website.