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› Digital CO2 Jet Machine 12LEDs RGB CO2 Fogger Smoke Cannon DMX512 Smoke Mister Machine Multi-angle Gas Column Fog Machine w/6m Hose

YANGHOPES DMX Digital CO2 Jet Machine W/ RGB 12LED

Digital CO2 Jet Machine with 12 RGB LEDs

Brand: YANGHOPES | Model: DMX Digital CO2 Jet Machine W/ RGB 12LED

INTRODUCTION

This manual provides detailed instructions for the safe and effective operation of your new Digital CO2 Jet Machine. Designed for professional stage effects, this unit features 12 RGB LEDs, DMX512 control, and a powerful CO2 jet capable of reaching 8-10 meters. Please read this manual thoroughly before initial use to ensure proper setup, operation, and maintenance.

SAFETY INFORMATION

- Always connect the CO2 jet machine to a grounded power outlet.
- Ensure proper ventilation in the operating area to prevent CO2 accumulation.
- Use only **edible grade CO2 gas** with this machine.
- Keep a safe distance from the CO2 jet nozzle during operation. The jet can reach up to 8-10 meters.
- Do not obstruct the CO2 output nozzle or any ventilation openings.
- Disconnect power before cleaning or performing any maintenance.
- This device is for professional use. Ensure all operators are trained and aware of safety procedures.
- Avoid direct eye or skin contact with the CO2 gas, as it can cause frostbite.
- Secure the CO2 tank properly to prevent tipping.

PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x Digital CO2 Jet Machine with 12 RGB LEDs
- 1 x 6-meter High-Pressure CO2 Hose
- 1 x Power Cable

- 1 x User Manual (this document)



YANGHOPES
— life show —



Image: The Digital CO2 Jet Machine along with its 6-meter high-pressure hose and power cable.

PRODUCT OVERVIEW

The Digital CO2 Jet Machine is a robust and versatile special effects device. It features a durable metal body, 12 powerful 3W RGB LEDs for vibrant color mixing, and a high-pressure nozzle for impressive CO2 jets. The unit is designed for multi-angle adjustment with a sturdy base, allowing for flexible placement and effect direction.



Image: Front view of the CO2 Jet Machine, highlighting the control panel, DMX IN/OUT, Power IN/OUT, and LED display.



Image: Various angles of the CO2 Jet Machine, demonstrating its adjustable design and robust construction.

SETUP

1. **Placement:** Position the CO2 jet machine on a stable, level surface. Ensure there is adequate clearance above and around the unit for the CO2 jet and ventilation. The multi-angle adjustable base allows for flexible positioning (flat or upside down).
2. **CO2 Tank Connection:** Connect one end of the provided 6-meter high-pressure CO2 hose to the CO2 input port on the machine. Ensure the connection is secure and leak-free. Connect the other end of the hose to your edible grade CO2 tank. *(Note: CO2 tank is not included.)*
3. **Power Connection:** Plug the power cable into the "POWER IN" port on the machine and then into a grounded AC110V/60Hz (or 220V-240V depending on model) power outlet.
4. **DMX Connection (Optional):** For DMX control, connect a DMX cable from your DMX controller to the "DMX IN" port on the machine. If linking multiple units, connect from "DMX OUT" of the first unit to "DMX IN" of the next.
5. **Initial Check:** Before turning on the CO2 supply, ensure all connections are tight and secure.

OPERATING INSTRUCTIONS

Basic Operation:

1. Turn on the main power switch on the CO2 jet machine. The LED display will illuminate.
2. Slowly open the valve on your CO2 tank to supply gas to the machine.
3. The machine can be operated via DMX512 controller or in sound-activated mode (if available).

DMX512 Control:

The unit uses 6 DMX channels for comprehensive control:

- **Channel 1:** Controls CO2 injection (0-255, 0=OFF, 255=Full Jet).
- **Channel 2:** Controls LED color mixing (0-255, various values for different color combinations).
- **Channel 3:** Controls Blue LED intensity (0-255, gradual lighting up).
- **Channel 4:** Controls Green LED intensity (0-255, gradual lighting up).
- **Channel 5:** Controls Red LED intensity (0-255, gradual lighting up).
- **Channel 6:** Controls LED strobe effect (0-255, gradual strobe speed).

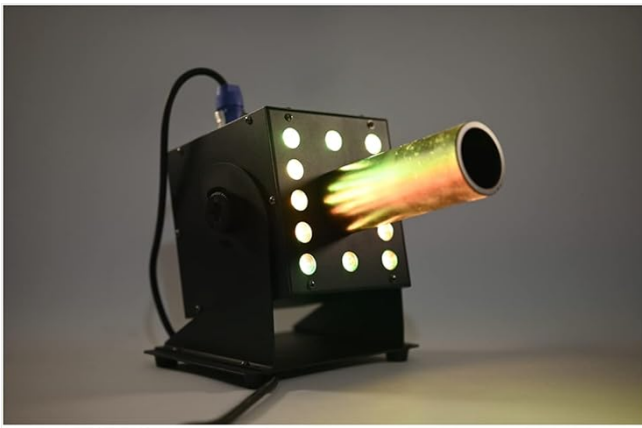


Image: The CO2 Jet Machine producing various colored fog effects, demonstrating the RGB LED capabilities.

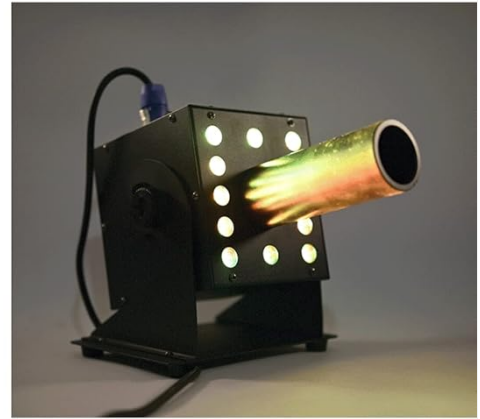


Image: Multiple CO2 jet machines creating dramatic fog columns with integrated lighting effects during a live performance.

MAINTENANCE

- **Cleaning:** Regularly wipe down the exterior of the machine with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Nozzle Inspection:** Periodically check the CO2 output nozzle for any obstructions. Ensure it is clear before each use.
- **Hose Inspection:** Inspect the high-pressure CO2 hose for any signs of wear, cracks, or damage. Replace immediately if any damage is found.
- **Storage:** When not in use, store the machine in a cool, dry place, away from direct sunlight and extreme temperatures. Disconnect the CO2 tank and power cable.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No CO2 jet output	Power not connected or unit off. CO2 tank empty or valve closed. Hose kinked or blocked. DMX signal incorrect (Channel 1).	Check power connection and switch. Verify CO2 tank level and open valve. Inspect hose for kinks or damage. Check DMX controller settings for Channel 1.
LEDs not lighting up or incorrect color	DMX signal incorrect (Channels 2-6). LED malfunction.	Verify DMX controller settings for LED channels. Contact customer support if LEDs are faulty.
Weak CO2 jet	Low CO2 tank pressure. Partial hose obstruction.	Replace or refill CO2 tank. Check hose for internal blockages.

SPECIFICATIONS

Feature	Detail
Power Supply	AC110V/60Hz (or 220V-240V)
Power Consumption	250W
LED Quantity	12 x 3W RGB 3-in-1 LEDs
CO2 Jet Height	8-10 Meters
Control Mode	DMX512 (6 Channels)
Pressure Rating	Up to 1400 psi
Hose Length	6 Meters
Item Weight	14.77 pounds (approx. 6.7 kg)
Package Dimensions	16 x 13.5 x 11.25 inches (approx. 40.6 x 34.3 x 28.6 cm)

WARRANTY AND SUPPORT

Specific warranty details for this product are not provided in the available information. For any technical support, warranty claims, or service inquiries, please contact YANGHOPES customer service directly through their official channels or the retailer from whom the product was purchased. Please retain your proof of purchase for any warranty-related requests.