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› YANGHOPES Digital CO2 Jet Machine & 1500W Professional Confetti Machine User Manual

## YANGHOPES Digital CO2 Jet Machine & 1500W Professional Confetti Machine

# YANGHOPES Digital CO2 Jet Machine & 1500W Professional Confetti Machine User Manual

Model: Digital CO2 Jet Machine & 1500W Professional Confetti Machine

## 1. INTRODUCTION

Thank you for choosing the YANGHOPES Digital CO2 Jet Machine with 12 RGB LEDs and the 1500W Professional Confetti Machine. This combined system is designed to create dynamic and visually stunning special effects for various events, including concerts, stages, clubs, parties, and more. The CO2 jet machine produces powerful plumes of CO2 fog, while the confetti machine disperses confetti for celebratory effects. This manual provides essential information for safe and effective operation, setup, and maintenance of your equipment.

## 2. SAFETY INFORMATION

**WARNING: Read all safety instructions before operating this equipment. Failure to follow these instructions may result in serious injury or property damage.**

- Always ensure proper ventilation when operating the CO2 jet machine. CO2 gas can displace oxygen and lead to asphyxiation in enclosed spaces.
- Maintain a safe distance from the CO2 jet nozzle. Direct contact with CO2 fog can cause frostbite.
- Ensure all electrical connections are secure and grounded. Use only the specified power supply (110V-120V).
- Do not operate the machines if any part is damaged. Contact qualified personnel for repairs.
- Keep flammable materials away from the machines during operation.
- Use only edible-grade or industrial-grade CO2 gas with the CO2 jet machine.
- Ensure the confetti machine is placed on a stable surface and confetti is loaded correctly to prevent blockages.

- Keep children and unauthorized personnel away from the equipment during operation.

### 3. PACKAGE CONTENTS

Verify that all components are present and in good condition upon unpacking.

- Digital CO2 Jet Machine with 12 RGB LEDs
- 1500W Professional Confetti Machine
- High-pressure CO2 Hose (approx. 6 meters)
- Power Cables
- DMX Cables (if included with your model)
- Wireless Remote Control (for confetti machine)
- User Manual



Image 3.1: CO2 Jet Machine components. Shows the CO2 machine with control panel, a high-pressure CO2 hose, and a power cable.



Image 3.2: Detailed view of the CO2 Jet Machine's DMX IN/OUT, Power IN/OUT, Fuse, and control buttons (MENU, UP, DOWN, ENTER) with a digital display.

## 4. SETUP INSTRUCTIONS

### 4.1 CO2 Jet Machine Setup

1. **Placement:** Position the CO2 jet machine on a stable, level surface. The multi-angle adjustable design allows for 180-degree adjustment of the jet direction. Ensure adequate clearance above and around the nozzle.
2. **CO2 Tank Connection:** Connect one end of the high-pressure CO2 hose to the CO2 input port on the machine. Connect the other end to a compatible CO2 gas tank (not included). Ensure all connections are tight and leak-free.
3. **Power Connection:** Connect the power cable to the 'POWER IN' port on the machine and then to a grounded 110V-120V AC 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.

### 4.2 Confetti Machine Setup

1. **Placement:** Place the confetti machine on a stable surface, ensuring the output nozzle is clear and directed away from people or sensitive equipment.
2. **Loading Confetti:** Open the confetti loading compartment and fill it with appropriate confetti. Do not overfill.
3. **Power Connection:** Connect the power cable to the machine and then to a grounded 110V-120V AC power outlet.



Image 4.1: Confetti Machine detailed views. Shows the machine's hexagonal body, base, and output grille from various angles.



Image 4.2: Confetti machine in use, demonstrating its effect at an event. A small remote control is also pictured.

## 5. OPERATING INSTRUCTIONS

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### 5.1 CO2 Jet Machine Operation

1. **Power On:** Turn on the main power switch on the CO2 jet machine. The digital display will illuminate.
2. **DMX Address Setting:** If using DMX control, use the MENU, UP, DOWN, and ENTER buttons to set the desired DMX address. Refer to your DMX controller manual for specific channel assignments.
3. **Manual Operation:** Some models may feature a manual trigger button for immediate CO2 jet activation. Consult the machine's interface for this option.
4. **CO2 Tank Valve:** Slowly open the valve on the CO2 gas tank. You may hear a hiss as the gas fills the hose.
5. **Activation:** Activate the CO2 jet via your DMX controller or manual trigger. The machine can spray CO2 gas to a height of 6-10 meters. The 12 RGB LEDs will illuminate during operation, adding color to the fog effect.
6. **Deactivation:** To stop the jet, release the DMX trigger or manual button. After use, close the CO2 tank valve first, then allow any remaining gas in the hose to dissipate before turning off the machine's power.

### 5.2 Confetti Machine Operation

1. **Power On:** Turn on the main power switch for the confetti machine.
2. **Remote Control:** Use the provided wireless remote control to activate the confetti dispersal. Press the designated button to start the fan and release confetti.
3. **Duration:** The duration of confetti dispersal depends on the amount of confetti loaded and the desired effect.
4. **Power Off:** Turn off the machine after use.



Image 5.1: CO2 Jet Machine in operation, demonstrating various colored fog effects with its integrated RGB LEDs.



Image 5.2: Confetti machine operating at an event, showing confetti being dispersed over a crowd.

## 6. MAINTENANCE

- **Cleaning:** Regularly clean the exterior of both machines with a soft, dry cloth. Ensure no dust or debris accumulates in the vents or nozzles.
- **Confetti Machine:** Periodically empty any residual confetti from the machine to prevent blockages.
- **CO2 Hose:** Inspect the high-pressure CO2 hose for any signs of wear, cracks, or damage before each use. Replace if necessary.
- **Connections:** Check all electrical and gas connections regularly to ensure they are secure.
- **Storage:** Store the machines in a dry, cool place away from direct sunlight and extreme temperatures when not in use.

## 7. TROUBLESHOOTING

- **No Power:**

- Check if the power cable is securely connected to both the machine and the power outlet.
  - Verify the power outlet is functional.
  - Check the fuse on the machine (refer to Image 3.2 for fuse location). Replace if blown.
- **CO2 Jet Not Firing:**
    - Ensure the CO2 tank valve is fully open and the tank contains gas.
    - Check the CO2 hose for kinks or blockages.
    - Verify DMX signal and address settings if using DMX control.
    - Ensure the machine is powered on and not in an error state.
- **Confetti Machine Not Dispersing:**
    - Check if the confetti compartment is loaded correctly and not jammed.
    - Ensure the remote control has fresh batteries and is within range.
    - Verify the machine is powered on.
- **LEDs Not Working (CO2 Machine):**
    - Check DMX settings for LED control channels.
    - Ensure the machine is receiving power.

## 8. SPECIFICATIONS

Feature	Specification
Power Supply	110V-120V AC
CO2 Jet Machine Power	150W
Confetti Machine Power	1500W
CO2 Jet Height	6-10 meters (approx. 20-33 feet)
CO2 Gas Type	Edible grade CO2 or Industrial grade CO2
CO2 Hose Length	6 meters (approx. 20 feet)
CO2 Machine Control	DMX512
CO2 Machine LEDs	12 RGB LEDs
CO2 Machine Adjustment	180-degree multi-angle adjustable jets
Confetti Machine Control	Wireless Remote Control

## 9. WARRANTY AND SUPPORT

YANGHOPES products are manufactured to high-quality standards. For warranty information, please refer to the terms and conditions provided at the time of purchase or contact your retailer. For technical support or service inquiries, please contact YANGHOPES customer service through the official brand channels or your point of purchase. Please have your product model and purchase date available when contacting support.

