

MOKA SFX H-C08

MOKA SFX LED CO2 Jet Machine H-C08 User Manual

Model: H-C08

1. INTRODUCTION

Thank you for choosing the MOKA SFX LED CO2 Jet Machine. This manual provides essential information for the safe and effective operation, setup, and maintenance of your device. Please read this manual thoroughly before use and retain it for future reference.

2. SAFETY INFORMATION

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

- Always wear appropriate personal protective equipment, including eye protection and gloves, when handling CO2 cylinders and operating the machine.
- Ensure the CO2 cylinder is securely connected and upright during operation.
- Do not point the CO2 jet directly at people, animals, or sensitive equipment. The CO2 output is extremely cold and can cause frostbite or damage.
- Operate the machine in a well-ventilated area to prevent CO2 accumulation, which can displace oxygen.
- Keep the machine away from heat sources, open flames, and flammable materials.
- Do not modify the device or use non-original parts. This may void the warranty and create safety hazards.
- Disconnect the CO2 cylinder and power supply before cleaning or maintenance.
- Ensure all electrical connections are secure and free from damage.

3. PRODUCT OVERVIEW

The MOKA SFX LED CO2 Jet Machine is a handheld device designed to produce dramatic CO2 fog effects with integrated LED illumination. It features a robust construction and a quick-connect system for ease of use.



Figure 3.1: Main view of the MOKA SFX LED CO2 Jet Machine.

3.1 Components

- **CO2 Nozzle:** Emits the CO2 jet.
- **LED Light Bar:** Integrated multi-color LEDs for visual effects.
- **Trigger Handle:** Activates the CO2 jet.
- **Quick Connector:** For attaching the high-pressure CO2 hose.
- **Battery Compartment:** Houses the power source for the LEDs.
- **Control Buttons:** For managing LED functions.



Figure 3.2: Detailed view of key components including the quick connector, handle, control buttons, and LED nozzle.



Figure 3.3: High brightness lamp beads at the nozzle for enhanced visual effects.

4. SETUP

Follow these steps to prepare your MOKA SFX LED CO2 Jet Machine for operation:

1. **Install Batteries:** Open the battery compartment (usually located on the handle) and insert the required batteries for the LED lights. Ensure correct polarity.
2. **Connect High-Pressure Hose:** Attach one end of the provided 3-meter high-pressure hose to the quick connector on the CO2 jet machine. Ensure it is securely fastened to prevent leaks.
3. **Connect to CO2 Cylinder:** Connect the other end of the high-pressure hose to your CO2 gas cylinder. Tighten the connection firmly using an appropriate wrench.

4. **Secure CO2 Cylinder:** Ensure the CO2 cylinder is placed on a stable, flat surface or secured in an upright position to prevent it from falling.
5. **Check Connections:** Double-check all connections for tightness. A small amount of soapy water can be applied to connections to detect any gas leaks (bubbles will form).



Figure 4.1: The quick connector ensures a swift and safe connection to the CO2 tank, preventing leaks.



Figure 4.2: The 3M high-pressure hose and quick connector for secure CO2 supply.

5. OPERATING INSTRUCTIONS

Once the machine is set up and all connections are secure, you can begin operation:

1. **Open CO2 Cylinder Valve:** Slowly open the main valve on your CO2 gas cylinder. You may hear a hiss as the gas fills the hose.
2. **Activate LEDs:** Use the control buttons on the machine to turn on the LED lights and select your desired color or effect.
3. **Initiate CO2 Jet:** Point the nozzle in a safe direction, away from people and objects. Press the trigger handle to release a burst of CO2 fog. Release the trigger to stop the jet.
4. **Control Duration:** Short, controlled bursts are recommended to conserve CO2 and maintain optimal effect. Avoid continuous spraying for extended periods.
5. **Observe Spray Height:** The machine can spray CO2 up to 20-25 feet. Be mindful of overhead obstacles and audience proximity.



Figure 5.1: The CO2 jet machine can achieve a spray height of 20-25 feet.

6. MAINTENANCE

Regular maintenance ensures the longevity and reliable performance of your CO2 jet machine.

- **Cleaning:** After each use, wipe down the exterior of the machine with a clean, dry cloth. Do not use abrasive cleaners or solvents.
- **Check Connections:** Periodically inspect the high-pressure hose and all connectors for signs of wear, damage, or leaks. Replace any damaged components immediately.
- **Battery Replacement:** Replace LED batteries as needed to ensure consistent light output.
- **Storage:** When not in use, disconnect the CO2 cylinder and store the machine in a cool, dry place, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No CO2 jet when trigger is pressed	CO2 cylinder valve closed; Empty CO2 cylinder; Hose not connected properly; Blockage in nozzle.	Open CO2 cylinder valve; Replace CO2 cylinder; Check and secure hose connections; Inspect nozzle for obstructions.
LED lights not working	Dead batteries; Incorrect battery installation; Faulty LED circuit.	Replace batteries; Check battery polarity; Contact customer support if issue persists.
Gas leak detected	Loose connection; Damaged hose or seal.	Tighten all connections; Inspect hose and seals for damage and replace if necessary.

8. SPECIFICATIONS

Feature	Detail
Model Number	H-C08
Manufacturer	MOKA SFX
Product Dimensions	75.9 x 29.87 x 15.85 cm
Item Weight	3.31 kg (7.3 Pounds)
Material	Metal
Light Source Type	Light Emitting Diode (LED)
Power Source	Battery Powered
Spray Height	Up to 20-25 feet

9. WARRANTY AND SUPPORT

This product is manufactured by MOKA SFX. For specific warranty details and customer support, please refer to the documentation provided at the time of purchase or contact MOKA SFX directly. Standard return policies typically allow for returns or replacements within 31 days of purchase.

For further assistance, please visit the official MOKA SFX website or contact their customer service department.