TCMFX CO2 Jet

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Foreword

Thank you for purchasing the TCMFX CO2 Jet.
The Confetti Maker is manufacturer of biodegradable, colorfast and fireproof confetti products and special effects.

The products we manufacture are used for various events, such as concerts, opening ceremonies, sporting events and theater show productions. With our products your party is guaranteed to be a great success.

"We create experiences"

This manual describes the TCMFX CO2 Jet.
All information in this manual is important for the safe and proper functioning of the TCMFX CO2 Jet.
Please read the manual carefully if you are not familiar with this device.

The Confetti Maker wishes you lots of fun with your purchase!

General Safety
WARNING!
Read the manual carefully before using the TCMFx CO2-Jet.
The Confetti Maker ® is not liable for injury, damage and/or excessive wear resulting from improper maintenance, improper use or modifications to the device.

If you have any questions, issues or problems that do not get discussed in this guide, please tell your supervisor or call/e-mail the technical support from The Confetti Maker®.

TCMFx CO2 Jet and the manual may not be modified without permission of The Confetti Maker®.

In case of damage or problems, always consult The Confetti Maker® as soon as possible.

DECLARATION OF CONFORMITY

Manufacturer: The Confetti Maker
Product: TCMFx CO2 Jet

We declare that the above products meet the following European directives and standards:
- Low Voltage Directive 2006/42/EC
- EMC Directive 2004/108/EC
- RoHS Directive 2002/95/EC

Year of Manufacturing: 2017
Name: The Confetti Maker
Place: Rotterdam
Date: 11-07-2017
Director: H. S. Maikoe

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Hoevelakensingel 28
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Specifications
Input   : Powercon / CO2
Output   : Powercon / CO2
Weight   : 2Kg
Size   : 80 x 50 x 130mm (L x W x H)
Base Plate   : 110 x 125 mm (L x W)
Voltage   : 230V AC 50/60Hz
Power   : 30W

Ideal environmental values
Temperature : $0 - 45$ °c
Humidity   : max. 75%
Keep away from:
- Dust
- Corrosive gasses
- High concentrations of organic gasses.

Using the CO2 Jet
The CO2 Jet is designed to be activated by a control panel at a distance. The smoke plumes can reach between 6 to 8 meters, depending on the environment. When transporting the CO2 Jet preferably use a flight case.

Warning!
Do NOT aim the CO2 Jet at people or animals.
Always keep a safe distance between the CO2 Jet and the crowd of at least 6 meters.

CO2

The CO2 Jet can be connected with different types of gas bottles.
With the 22,5kg bottle you can shoot up to 60seconds.
With the 37,5kg bottle you can shoot up to 90seconds.

Accessories

The CO2 Jet is provided with Co2 through a hose that is connected to a gas cylinder.
The CO2 hoses are for sale and rent in various lengths.

- 5m
- 10m
- 15m

CO2 Hose

The CO2 Hose supplies the CO2 Jet with CO2. Connect male plug to the CO2 gas bottle.
Connect the female plug to the CO2 Jet.

Quick Connector

With the Quick connector a CO2 hose can easily be connected to a CO2 bottle.
Screw the Black side of the Quick connector on to the CO2 bottle. Plug the other side of the connector to the male side of the CO2 hose.

Loop Through Cable

The function of the loop through cable is supplying multiple devices with a single power socket. Looping through the device should only be done without power. The first CO2 Jet is connected to a power socket with the power socket to Powercon cable. The second CO2 Jet is powered with the blue Powercon connector on the loop through cable. The grey side of the loop through cable connects to the grey connector on the first CO2 Jet. Connect the Powercon by plugging the Powercon into the connector on the CO2 Jet and turning it clockwise until you hear a click sound. Repeat this process for the rest of the CO2 Jets.

Power Socket to Powercon cable

The power socket to Powercon cable is the power cable of the CO2 Jet. The power socket side connects to 230V 50-60HZ. The power connector connects to the CO2 Jet. Connect the Powercon by plugging the Powercon into the CO2 Jet and turning it clockwise until you hear a click sound.

TCM FX-Control
The TCM FX-Control is designed to control multiple TCM products.
Connect the power socket to Powercon cable to the blue connector on the side of the FX Control.
Connect the CO2 Jet to the FX-Control with the loop through cable. Connect the blue side of the cable to the CO2 Jet and the grey side of the cable to the back side of the FX Control.
When firing the CO2 Jet first switch the key switch to unlock the panel.
Switch the safety switch to the right so the white dot is pointing upwards. When the red fire button is pushed, the CO2 Jet will activate. Turn the safety switch to the left when the CO2 Jet is not in use.

To connect multiple FX Control panels use the loop through cable. Connect the Blue side of the Powercon to the second FX-Control. Connect the grey side of the loop through cable to the grey connector on the FX-Control. Both FX-Controllers are now powered.
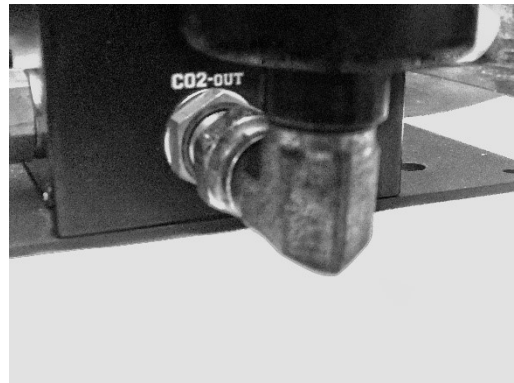

Ground plate
The TCM FX ground plate is designed to secure the CO2 Jet to the ground. The heavy ground plate ensures that the CO2 Jet won't tip when shooting CO2.

Installation and use of the CO2 Jet

Step 1

Connect the outlet tube to the "CO2 Out" side and turn the nut clockwise. Tighten securely with a wrench.

Step 2

Place the CO2 hose to the "CO2 In" side.

Step 3

Connect the other end of the hose to the gas cylinder.

Step 4

Place the blue Powercon cable in the first CO2 Jet. Only connect the cable if the cable is not powered. Plug the Powercon into the connector on the CO2 jet and make a small turn to the right until you hear a click sound. The cable is now properly connected.

Optional

If you want to connect multiple CO2 Jets to a single powerline you have to interconnect the Powercons by plugging the blue side of the loop through cable to the second CO2 Jet. Plug the grey connector on the loop through cable into the grey connector on the first CO2 Jet.

Warranty

The CO2 Jet has a 3 year warranty which will be void if the CO2 Jet is handled differently than described in this manual.

When the CO2 Jet has been opened by anyone other than the Confetti Maker.

The Confetti maker is not responsible for any paint or hardware damaged as a result of rough handling.

CAUTION! Always contact your supplier in case of malfunctions. Never try to repair the CO2 Jet yourself.

WARNING

READ THIS DOCUMENT BEFORE INSTALLING OR USING CO2 JET. IMPROPER SELECTION, IMPROPER USE, USE BY ANYONE OTHER THAN TRAINED USERS HAVING APPROPRIATE TECHNIAL EXPERTISE OF THE CO2 JET CAN CAUSE DAMAGE TO EQUIPMENT OR PROPERTY.

This document and other information from the CO2 Jet , its subsidiaries and authorized distributors together only provide product installation guidelines and product or system usage options, each of which are intended to operate in conjunction with further investigation by trained users having appropriate technical expertise to facilitate the safe handling and use of the CO2 Jet.
The CO2 Jet is not intended to be used or handled by any users other tan trained users having appropriate technical expertise. The information and documentation contained in our catalog and on the website, www.theconfettimaker.com, is only provided for technical illustration purposes only and may not be used or relied upon as a statement of suitability for use in any particular application. Users, through their own analysis and testing, are solely responsible for assuring that the CO2 Jet is used in a safe and intended manner with all performance, endurance, maintenance, safety and warning requirements necessary for safe application being met.