

# TCM<sub>FX</sub> E-Shot



Article	: TCMFX E-Shot
Product Code	: TCM356
Version	: 1.0
Date	: 18-07-2017

## Foreword

Thank you for purchasing the TCM<sub>FX</sub> E-Shot.

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 TCM<sub>FX</sub> E-Shot.

All information in this manual is important for the safe and proper functioning of the TCM<sub>FX</sub> E-Shot.

Please read the manual carefully if you are not familiar with this device.

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

© Copyright 2017 The Confetti Maker FX®. This manual and its content is copyright of the Confetti Maker FX®. All rights Reserved.

No part of this manual may be reproduced or transmitted in any form or by any means including photocopying and recording without the written permission of the copyright holder.

The Confetti Maker Reserves the right to make any changes without direct knowledge of the customer.

Please contact your supplier for additional information regarding maintenance and repair.

This user manual has been written with care and attention to detail; however, should you find any errors or omissions, please contact your supplier and inform them of your findings.

Please be aware that The Confetti Maker FX® shall not be held liable by the user for any damages, losses or third party claims arising from any uses of this product.

## General Safety

### WARNING!

Read the manual carefully before using the TCM<sub>FX</sub> E-Shot.  
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®.

TCM<sub>FX</sub> E-Shot 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** : TCM<sub>FX</sub> E-Shot

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

All Technical Trade Centre b.v.  
Hoeflakensingel 20  
3077 SR Rotterdam  
Nederland  
tel. 0031 - 64 169 20 31

## Specifications

Input	: Powercon Connection
Weight	: 2Kg
Size	: 80 x 50 x 130mm (L x B x H)
Cylinder	: 135mm Ø54mm
Base Plate	: 110 x 125 mm (L x B)
Voltage	: 230V AC 50/60Hz
Power	: 100W

## Confetti Tubes

Electric Confetti Cannons 40cm: Reach 6m



Electric Confetti Cannons 80cm: Reach 12m



Electric Streamer Cannons 40cm: Reach 10m



Electric Streamer Cannons 80cm: Reach 20m



### **Ideal environmental values**

Temperature : 0 – 45 °C

Humidity : max. 75%

Keep away from:

- Dust
- Corrosive gasses
- High concentrations of organic gasses.

User documentation The Confetti Maker FX

## Accessories



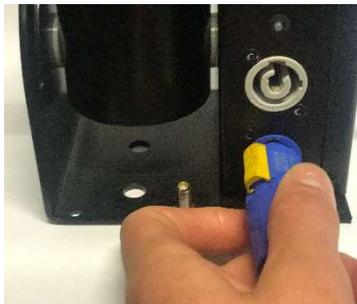
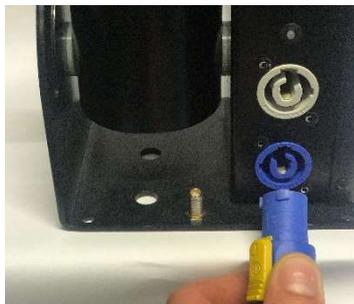
### **Loop Through Cable**

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 E-shot is connected to a power socket with the power socket to Powercon cable. The second E-Shot 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 E-Shot. Connect the Powercon by plugging the Powercon into the connector on the E-shot and turning it clockwise until you hear a click sound. Repeat this process for the rest of the E-Shots.



### **Power Socket to Powercon cable**

The power socket to Powercon cable is the power cable of the E-shot. The power socket side connects to 230V 50-60HZ. The power connector connects to the E-Shot. Connect the Powercon by plugging the Powercon into the E-Shot 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 E-shot to the FX-Control with the loop through cable. Connect the blue side of the cable to the E-shot and the grey side of the cable to the back side of the FX Control.

When firing the E-shot 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 E-shot will activate. Turn the safety switch to the left when the E-Shot 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 E-shot to the ground. The heavy ground plate ensures that the E-Shot won't tip when shooting a confetti tube.

## Components

1. Rotary knob to tighten the Confetti tube
2. Connector
3. Powercon In
4. Powercon Out
5. Rotary knob to adjust the angle.
6. Indication LED



## Preparation

Unpack the E-Shot and make sure the device is undamaged. If the device is damaged Please contact your supplier as soon as possible.

Use of the E-Shot

1. Place the confetti tube into the holder.
2. Tighten the confetti tube with the rotary knob.
3. Connect the female connector to the from the confetti tube to the male connector in the E-Shot.
4. Connect a Powercon cable to the E-Shot.
5. Power the E-shot to activate the confetti tube.

Maintenance

To ensure the proper functioning of the E-Shot, the E-shot must be regularly cleaned and tested.

To test the functioning of the E-shot, power the E-shot with a Powercon without a confetti tube connected. Please contact your supplier if the LED does not light up.

## Using the E-Shot

The E-Shot in combination with a switchpack can be controlled with a control panel. When the E-shot is powered with 230V, the output connector will supply a current through the confetti tube that will fire the confetti between 8 and 12 meters.

### Warning!

**Do not Aim the Confetti tubes in the E-shot at people or animals.  
The distance between the crowd and the E-shot should be at least 3 meters.**



## Malfunctions and Repairs

The Confetti tube did not fire?

- Remove the confetti tube
- Make sure the E-Shot is connected to 230V
- The LED on the E-Shot serves as a functionality check.

The LED lights up but doesn't fire confetti tubes.

- Make sure the E-Shot is connected to 230v.
- Make sure the Powercon cable is undamaged.

### Warranty

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

The warranty is void when the E-shot 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 E-shot yourself.



## WARNING!

READ THIS DOCUMENT BEFORE INSTALLING OR USING E-SHOT

IMPROPER SELECTION, IMPROPER USE, USE BY ANYONE OTHER THAN TRAINED USERS HAVING APPROPRIATE TECHNICAL EXPERTISE OF THE E-SHOT CAN CAUSE DAMAGE TO EQUIPMENT OR PROPERTY.

This document and other information from the E-Shot, 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 E-Shot.

The E-Shot is not intended to be used or handled by any users other than trained users having appropriate technical expertise. The information and documentation contained in our catalog and on the website, [www.theconfettimaker.com](http://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 E-Shot is used in a safe and intended manner with all performance, endurance, maintenance, safety and warning requirements necessary for safe application being met.