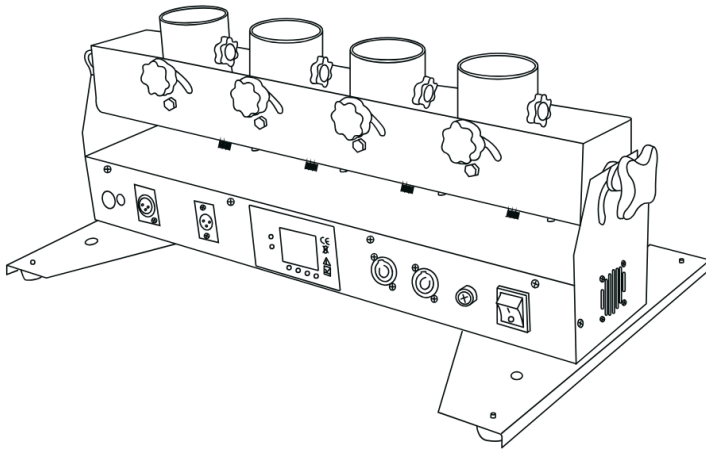


SHOT FOUR

FOUR SHOT CONFETTI & STREAMER MACHINE



CYCLOPS
LIGHTING



USER MANUAL



PRODUCT
DOCUMENTATION



DMX
CHART

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DISCLAIMER

This equipment utilizes high-pressure electric confetti cannons and contains high-voltage electrical components. Failure to strictly follow the instructions and warnings in this manual may result in serious injury, projectile-impact trauma, property damage, or death. NEVER aim the output directly at people or animals. This product is intended for professional use only.



1. Introduction

1.1 Foreword

Thank you for purchasing the SHOT FOUR. This manual provides the essential instructions for the installation, operation, and maintenance of the device. The SHOT FOUR is a professional-grade confetti launch system designed to trigger high-pressure electric cannons (e-cannons).

It is imperative that all users read and understand this manual in its entirety before attempting to operate the equipment. Due to the high-pressure nature of the consumables, improper use can lead to serious physical injury, property damage, or death. This product is designed strictly for professional use by trained personnel who are familiar with the risks associated with stage effects and high-pressure hardware.

Always keep this manual accessible for reference during setup and operation.

1.2 Liability

All users must strictly adhere to the warnings and instructions provided in this manual. Any damage or malfunction resulting from misuse, improper setup, unauthorized modification, or neglect of these operating instructions will immediately **void the warranty** and **release the manufacturer from all liability**.

Technical specifications and features may change without prior notice. Always check the manufacturer's website for the latest manual version.

We have taken considerable care to ensure this manual is correct and comprehensive; however, if you detect any errors or inaccuracies, please inform us to help improve our documentation.

2. Safety Information

The SHOT FOUR uses high-pressure electric confetti cannons (e-cannons). Failure to follow these warnings may result in serious injury or property damage.

2.1 General Operating Rules

1. **Read Completely:** Read and understand all instructions before operating, installing, or servicing the machine.
2. **Professional Use Only:** This equipment is intended exclusively for professional stage, event, and theatrical use.
3. **Power Disconnection: ALWAYS** disconnect the main power cable before cleaning, installing, or removing confetti cannons or performing any maintenance.
4. **No Disassembly:** If the machine malfunctions, immediately disconnect power, **DO NOT** attempt to disassemble the unit, and contact your supplier for repair.
5. **Flammable Materials:** Keep the machine and confetti cannons away from any flammable or explosive materials.
6. **Outdoor/Wet Environments:** This machine is for **indoor, dry use only**. Do not expose the machine, power plug, or cables to rain, water, high humidity, or any other liquid.

2.2 Cannon Handling and Aiming

1. **Load Limits:** The machine is designed to fire a maximum of **four** electric confetti cannons simultaneously.
2. **Aiming Prohibition: NEVER** point the output mouth of the electric confetti cannon directly at people, animals, or sensitive objects/goods.
3. **Vertical Firing:** The safest and intended operation is to use the unit to fire e-cannons vertically or at a safe angle that ensures debris falls into a clear area.

4. **E-Cannon Care:** Handle the electric confetti cannons carefully. Do not store them in direct sunlight or expose them to high temperatures for prolonged periods.
5. **Sequential Constraint (If Applicable):** Ensure all electrical connections are secure and in sequence before operation.

2.3 Installation Safety

1. **Secure Connections:** Before turning on the power, verify that the main power cable, DMX cables, and all four electric confetti cannons are securely connected.
2. **Safe Angle:** Use the special angle adjustment feature only after ensuring the unit is stable and securely placed.

3. Technical Specifications

Parameter	Specification
Model Name	SHOT FOUR
Product Type	4-Shot Confetti & Streamer Launcher
Voltage	AC 110-240V / 50-60Hz
Power Consumption	150 W
Control Mode	DMX 512/Remote/Manual control (operated via the display screen)
DMX Channels	8 Channels
Connection	3-pin XLR In/Out
Product Dimensions	565 × 115 x 220 mm
Net Weight	5.685 KG

Confetti Type	Electric Confetti Cannons (Requires 4 max at once)
Shooting Height	Varies based on the specific e-cannon used
Feature	Angle-adjustable mounting slots

4. Product Overview and Components

The SHOT FOUR features four individual cannon receivers, allowing for sequential or simultaneous firing controlled via DMX.

No.	Component	Function
1	Cannon Receivers (x4)	Slots where the electric confetti cannons are inserted.
2	DMX Input (IN)	Connects to the DMX controller or previous fixture.
3	DMX Output (OUT)	Passes the DMX signal to the next fixture.
4	Power Input	Connects the main power cable to the unit.
5	DMX Address Display	Digital screen for viewing and setting the DMX address.
6	Adjustable Stand/Base	Provides stable ground placement and angle adjustment.

5. Installation and Setup

5.1 Initial Setup

1. **DMX Connection:** Connect the DMX output of your controller to the DMX Input (IN) port on the SHOT FOUR. If linking multiple units, use the DMX Output (OUT) to connect to the next unit.
2. **Address Setting:** Use the control buttons next to the DMX Address Display to set the starting DMX address (e.g., 001). This address will be the control point for Channel 1 (Canon 1).
3. **Power Connection:** Connect the main power cable to the unit and the wall socket. The unit should power on.
4. **Load Cannons:**
 - o Ensure the machine is **unplugged** from power.
 - o Insert the required number of electric confetti cannons into the Cannon Receivers.
 - o Ensure the cannons are pointed in a safe direction, typically vertically or slightly angled away from the audience.
 - o Connect the firing wires/plugs of the e-cannons to the corresponding numbered cable sockets on the machine (Canon 1, Canon 2, etc.).

5.2 Remote Control



6. Maintenance and Troubleshooting

6.1 Maintenance and Storage

1. **Pre-Service:** Always disconnect the machine from the mains supply before performing any maintenance or cleaning.
2. **Cleaning:** Keep the machine in a dry and clean environment. Use a soft, dry cloth to clean the exterior. Do not use chemical solvents or liquids.
3. **Storage:** Store the machine in its original packaging (or a suitable flight case) in a cool, dry place when not in use.
4. **Dismounting:** Dismount finished confetti cannons and properly dispose of or recycle them immediately after the event.

5.2 Troubleshooting Table

No.	Problem	Possible Reason(s)	Solution
1	Power indicator is off; no power to the unit.	Power cable is not connected or damaged.	Check and securely connect the power cable. Test the power socket.
2	Cannon indicator is off; cannon does not fire.	Faulty electric confetti cannon.	Replace the electric confetti cannon with a new one.
3	Power is on, but DMX control does not work.	DMX cable is not connected correctly.	Check and securely connect the DMX cable connections (In/Out).
		DMX address is incorrectly set or exceeds the maximum supported address.	Set the correct starting DMX address (e.g., 001). Ensure the address is below 512.

4	Confetti or streamers are not ejecting to the expected height.	The electric confetti cannon used is low-powered or has a problem.	Replace the current e-cannon with a different, known-good e-cannon with the desired height rating.
5	Cannons are not firing in the expected sequence or group.	Cannon cables are not connected to the correct numbered sockets (1-4).	Reconnect the electric confetti cannon cables according to the desired firing sequence (Cannon 1 to Socket 1, Cannon 2 to Socket 2, etc.).

7. DMX Chart (8 Channel Mode)

The SHOT FOUR utilizes 8 DMX channels to offer individual shot control, group firing, and advanced sequential firing patterns. The cannon firing action is **momentary** and requires the channel value to be returned to 0-127 after the shot to prepare for the next activation.

Channel (CH)	Function	Value Range	Effect and Description
CH1	Shot 1	0-127	OFF
		128-255	SHOT 1 TRIGGER ON
CH2	Shot 2	0-127	OFF
		128-255	SHOT 2 TRIGGER ON
CH3	Cannon 3 Fire	0-127	OFF

		128-255	SHOT 3 TRIGGER ON
CH4	Cannon 4 Fire	0-127	OFF
		128-255	SHOT 4 TRIGGER ON
CH5	Group Fire (All 4)	0-127	OFF
		128-255	ALL SHOTS TRIGGER ON
CH6	Sequence 1 Left to Right	0-127	OFF
		128-255	Sequential Trigger: Left to Right (Shot 1-2-3-4)
CH7	Sequence 2 Right to Left	0-127	OFF
		128-255	Sequential Trigger: Right to Left (Shot 4-3-2-1)
CH8	Sequence 3 In to Out	0-127	OFF
		128-255	Sequential Trigger: In to Out (Shot 2/3 - 1/4)



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