

CONFETTI CANNON PLUS

SF-CC46A

USER MANUAL



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★ Please read this manual carefully before operating this product.

★ Warranty card attached in the manual, please keep it well.

NOTICE

Please read carefully this manual using this machine.

NOTICE

Only special 250V/10A (110V available) three wire power supply to be used, it should be grounded and don't keep earth line and live line together.

NOTICE

Must unplug the power cable when you do not use the machine, clean, install or remove accessories.

NOTICE

Do not use this machine in the rainy or humid environment.

NOTICE

It is forbidden to put the machine or power plug, cable in the water or other liquid.

NOTICE

The machine works one time, if need work again, must reload consumables again.

NOTICE

Make sure all parts are set at positions before using.

NOTICE

When it working, no point it to anybody or place anything on the top of the shot tube.

NOTICE

If machine broken, please cut off the power right now, and do not disassemble the machine and contact with your supplier to repair the machine.

NOTICE

The machine works with compress air (co2 or n2) and confetti & streamer.

NOTICE

No let the machine under the blazing sun after you fill the compress air in it.

NOTICE

The air source is forbidden to be under the blazing sun or around the combustible and explosive goods.

NOTICE

The filling pressure is under 0.7 mpa (7.13kgf/cm2, 7bar, 6.9atm, 101psi).

FOREWORD

Please read following manual carefully and completely before operating this product. Operate according to instructions is very important for safety, and can elongate the service life of the machine. Strictly follow the instruction in the manual . If you have any doubts, please contact SPARK FABRICA by marketing@sparkfabrica.com.

We assume the person who use or come in contact with the device are familiar with how the device should be handled. This includes proper use, maintenance and repair of the machine as defined in this user manual.

DISCLAIMERS

SPARK FABRICA excludes liability for unsafe situations, accidents and damages resulting from:

1. Anoring warnings or regulations as shown on the machine or this manual
2. Use for other applications or circumstances other than those indicated herein.
3. Changes to the machine.Including use of non-original spare parts.
4. Removed safety cover without authorization from SPARK FABRICA.
5. Use this machine by unqualified or untrained personnel.
6. Improper use of machine.

If the information contained in the manual or the product specifications are changed, spark fabrica willnot inform you further and responsible for any errors or omissions. Our company reserves the right tomodify the user manual at any time.

1 PRODUCT INTRODUCTION

SF-CC46A is a color paper, ribbon, water cannon, and powder launcher powered by compressed air. It has a stainless steel body and is designed with low air pressure and high explosive power, balancing durability and lightweight to adapt to complex outdoor environments. The tank meets national standards and is equipped with two safety valves to limit overpressure. The quick connect gun barrel system supports 3-second reloading and can flexibly switch between colored paper, ribbon/water cannon/powder, and three spray modes, achieving multi-purpose use for one machine.

This product can adopt DMX control or power control methods to meet various needs and is widely used in large-scale celebrations, events, concerts, and other occasions.

1.1 PRODUCT OVERVIEW



NO.	1	2	3	4	5
	Water Barrel	Pressure Gauge	2.5 Inch Quick Connector	Magnetic Valve	Safety Valve
NO.	6	7	8	9	10
	DMX IN/OUT	POWER IN/OUT	Power	Operation Interface	Adjustable Pressure Switch
NO.	11	12	13	14	15
	3-Way Check Valve	Vent Valve	Explosion Proof High-Pressure Pipe	Air Compressor	

1.2 FUNCTIONAL CHARACTERISTICS

★ The air storage tank is equipped with an air compressor that can quickly compress air for stamping, ensuring that there is no need for frequent inflation during continuous firing.

★ The product is explosive and the confetti is long lasting and dispersed.

★ The spraying height can reach 40M.

★ The all-stainless-steel body boasts excellent acid and corrosion resistance, stable quality, scratch and wear resistance, and durability, ensuring it won't deform

★ DMX control.

★ Equipped with a fast inflatable interface structure.

★ Gas storage tanks are designed and manufactured in strict accordance with pressure vessel standards to ensure safety.

★ The gas storage capacity is 46L.

2 TECHNICAL PARAMETERS

Identification	Manufacturer	SPARK FABRICA
	Name	CONFETTI CANNON PLUS
	Model	SF-CC46A
AC Power	Input Voltage&frquency	AC 100-120V, 60HZ
		AC 200-240V, 50HZ
	Power	800W
Dmx Signal	Dmx Signal Interface	3PIN
Confetti Barrel	Capacity	1kg
	Diameter	11cm
	Length	60cm
Water Barrel	Volume	8L
	Diameter	14cm
	Length	81cm
Powder Barrel	Volume	1kg Powder
	Diameter	9cm
	Length	59cm
Control	Control Protocol	DMX-512
	Control Mode	Manual or DMX control
	Spray Angle	30°-90°
	Pressurization Time	2 minutes (0 to 4 bar)
Accessory		4 minutes and 30 seconds (0 to 7 bar)
	Power Plug	1.6m
	Dmx Plug	3m
Weight	Power Cable	3m
	Weight	95kg
Dimensions	Machine Specifications	870mm*660mm*1020mm

2.1 PROFESSIONAL CONSUMABLES

SPECIALIZED CONFETTI/STREAMER/WATER

2.2 PRODUCT ACCESSORIES

Confetti Barrel、Water Barrel
1.6 Meter Power Plug or 3 Meters Power Pair Cable
3 Meters DMX Pair Cable
User Manual

NOTICE

Open the package carefully and check to make sure the goods are in good condition.

3 OPERATION GUIDE

3.1 INSTALLATION PREPARATION

After receiving the product, remove the package and confirm whether anything is in good condition. please refer to the following operation procedure to operate one by one to ensure safety.

1. Open the packing box, counting the accessories accompanied, read the manual carefully.
2. The machine works with compress air (co₂ or n₂) and confetti & streamer.
3. Please check all parts of the machine are intact before first use.
4. Check the electric power and socket are compliance with requirements.
5. Please check if there are fragile goods near the CONFETTI CANNON PLUS.

3.2 INSTALLATION GUIDE

1. Please put the machine in its proper place, depress its caster wheel brake, and adjust its angle you want, (pull Angle Adjusting Screw 15, then adjust its shooting angle), ensure that the machine does not tilt due to external forces.
2. Connect the power cable with power supply, but do not turn on the machine.
3. Attach the Confetti Barriell to the cannon and fill with consumables (confetti, ribbons).



NOTICE

The installation of gun barrels and the addition of paper consumables must be in a non powered state and the gas tank must be in a non pressurized state, except for remote water supply.

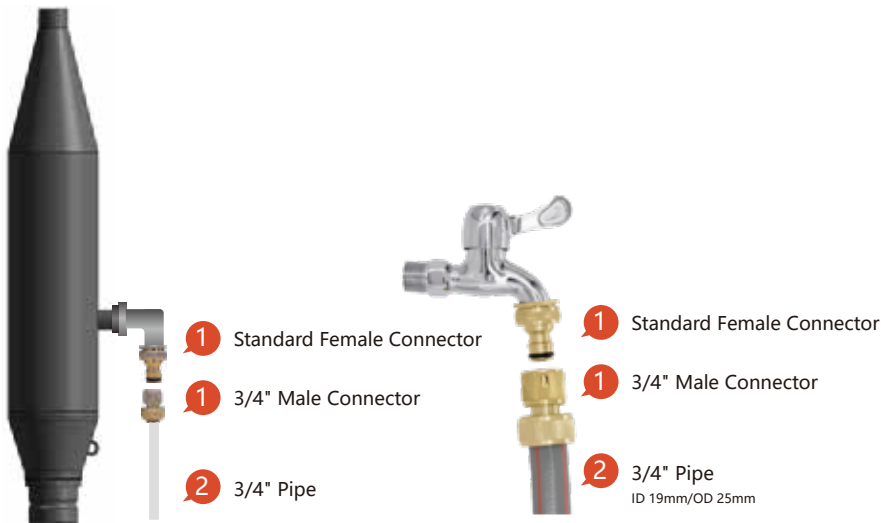
4. Attach the Powder Barriell to the cannon and fill with consumables (powder).



NOTICE

When filling with powder, the machine must be powered off and have no pressure.

5. Attach the Water Barrirel to the cannon, fill the compress air into the machine upto 7MPa, and then inject water into the barrirel by remote control. It will cause water to flow into the tank and not fill consumables if in the reverse order.



NOTICE

When the gas tank is pressurized, water injection must not be in power-up state.

NOTICE

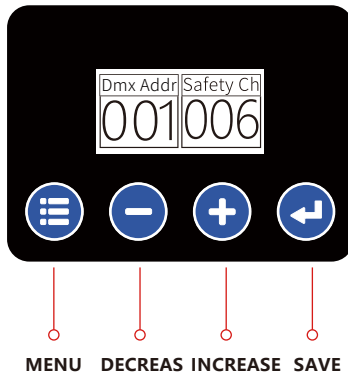
Water injection by remote control.

4 OPERATING INSTRUCTIONS

4.1 OPERATION

1. The machine is controlled by DMX.
2. Put a paper Lifting Cup (it could be purchased from our company) on the bottom of the Barrel first.
3. Add confetti & streamer into Barrel (it is better to fill it full with confetti & streamer), then cover the output of the Barrel with a Back Pressure Cap, and glue the cap with some tape, if you don't have lifting Cup and Back Pressure Cap, you may use a hardboard to replace.
4. Turn on the machine power, select automatic pressure charging or set DMX control through the screen to start pressure charging. When the pressure reaches the desired level, it can be used normally.

4.2 OPERATION INTERFACE



4.21 MENU SETTINGS

SETTING	DEFAULT VALUE	RANGE
Set DMX Address	1	1-512
Set Safety Addr	OFF	OFF/1~512
Language(语言)	中文	English/中文
Set Auto Press	OFF	ON/OFF
Restore Default	NO	YES/NO

4.3 OPERATION MODE

4.31 DMX CONTROL

Connect DMX cable and power cable of the machine.
Push the Channel Two to the value 20-255 and the Channel One to the value 0-100, to control by DMX console.

4.32 DMX PARAMENT LIST

CHANNEL 1	FUNCTION
0~19	OFF
20~255	ON
CHANNEL 2 (Safe Channel)	FUNCTION
0~19	Control off; Pressure off (when automatic pressure function is turned off)
20~100	Control on; Pressure off (when automatic pressure function is turned off)
101~255	Control off; Pressure on (when automatic pressure function is turned off)

4.4 DISMOUNT

1. After using the machine, shot more time to release the residual air in gas tank of the machine.
2. Turn off the power, unplug the power plug.
3. Screw off the Barrel and put it in the Barrel Depository



5 TROUBLESHOOTING

No.	PROBLEM	REASON	SOLUTION
	No working	Power is not on	Check the power supply
	Spray height is not high	Pressure is not enough	Fill enough pressure
		No put Cap or Cup	Put a Cap or Cup

6 MAINTENANCE

After using the machine, screw off the barrel and place it in the Barrel Depository, and fix all parts then packing.

*Invoice and warranty card are necessary when applying for maintenance service from SPARK FABRICA.

WARRANTY CARD

Product Name:		Serial No:	
Purchase Date:			
Tel:			
Address:			
Info.Feedback About The Problem:			
Actual Problem:			
Maintenance Detail:			
Service Engineer:		Service Date:	



CHANGSHA SPARK TECHNOLOGY ELECTRONICS CO., LTD

www.sparkfabrica.com marketing@sparkfabrica.com +86138 7585 1139