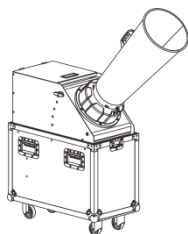


DC-6 USER MANUAL

CO2 CONFETTI SHOT

1 BEFORE YOU BEGIN

1.1 What Is Included



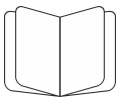
DC-6 CO2 Confetti Fall×1



Power Cord×1



Warranty Card×1



Warranty Card×1

1.2 Unpacking Instructions

Carefully unpack the product immediately and check the container to make sure all the parts are in the package and are in good condition.

If the box or the contents (the product and included accessories) appear damaged from shipping, or show signs of mishandling, notify the carrier or dealer/seller immediately. In addition, keep the box and contents for inspection.

1.3 Symbols

Symbol	Meaning
	<p>Caution</p> <p>Critical installation, configuration, or operation information. Not following these instructions may make the product not work, cause damage to the product, or cause harm to the operator.</p>
	<p>Important</p> <p>Important installation or configuration information. Failure to comply with this information may keep the product from working correctly.</p>
	<p>Information</p> <p>Useful information.</p>

1.4 Disclaimer

The information and specifications contained in this User Manual are subject to change without notice. DJPOWER assumes no responsibility or liability for any errors or omissions and reserves the right to revise or to create this manual at any time.

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1.5 Safety Notes

Please read the following Safety Notes carefully before working with the product. The notes include important safety information about installation, usage, and maintenance.

1.5.1 CO2

The machine uses liquid CO2 as input. The application of CO2 involves serious risks. Make sure that you are well informed on these risks before installation and/or operation. Always use approved CO2 cylinders, hoses and connections. Always consult your CO2 supplier for regulations and instructions on safe installation and use.

DJPOWER is not liable for unsafe situations, accidents and damage that are the result of incorrect working with CO2 gas and CO2 cylinders.



Inadequate installation and/or operation of a CO2 powered machine and CO2 cylinders can lead to death or serious injury. Always follow the instructions from this manual, from your CO2 supplier and from local authorities.

1.5.2 Personal Safety

- Always connect the product to a grounded circuit to avoid the risk of electrocution.
- **Do not use the machine if there are people or animals in the direct output.**
- Make sure that children, unauthorised people and animals do not obtain access to the machine.

1.5.3 Mounting and Rigging

- For safety reasons, we do not recommend other installation methods. Please operate the machine on a flat ground.
- Do not place the product near vibration sources.
- CAUTION: When transferring product from extreme temperature environments, (e.g. cold truck to warm humid ballroom) condensation may form on the internal electronics of the product. To avoid causing a failure, allow product to fully acclimate to the surrounding environment before connecting it to power.
- Do not mount the product on a flammable surface (linoleum, carpet, wood, paper, carton, plastic, etc.).
- Do not use in a confined space. Always install the product in a location with adequate ventilation.
- Make sure there are no freestanding objects or objects that can be damaged by the machine within the output distance. Keep clear 10 m (32.8 ft) from the output.

1.5.4 Power and Wiring

- Always make sure that the voltage of the outlet to which you are connecting the product is within the range stated on the decal or rear panel of the product.
- Make sure the power cord is not crimped or damaged.
- Never connect this product to a dimmer pack or rheostat.
- Never disconnect the product from power cord by pulling or tugging on the cord.
- To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from power via breaker or by unplugging it.

1.5.5 Operation

- Do not operate this product if you see damage to the housing or cables. Have the damaged parts replaced by an authorized technician at once.
- Make sure there are no flammable materials close to this product while it is operating.
- Do not cover or plug the output nozzle during operation.
- Never carry the product by the power cord or any moving part. Always use the handles.
- The maximum ambient temperature (Ta) is 104 °F (40 °C). Do not operate the product at higher temperatures.
- Make sure there are no freestanding objects or objects that can be damaged by the machine within the output distance.
- Always disconnect the product from the power source before cleaning.
- This product contains no user-serviceable parts. Any reference to servicing in this User Manual will only apply to properly trained, certified technicians. Do not open the housing or attempt any repairs which can lead to damage or malfunction.
- In the event of a serious operating problem, stop using the product immediately.
- All required safety devices must be in good condition and function properly.
- Ensure sufficient lighting of the surroundings.
- Keep the workplace clean.
- Do not remove any safeguards, safety caps and safety symbols.



Please note that the confetti can rub off when it comes into contact with moisture. Therefore, please only use confetti in or on dry, non-sensitive surroundings and surfaces.

We assume no liability for damage resulting from disregard of these and other safety instructions in the operating instructions.



Keep this User Manual for future use. If you sell the product, be sure that the purchaser receives this document.

2 INTRODUCTION

2.1 Description

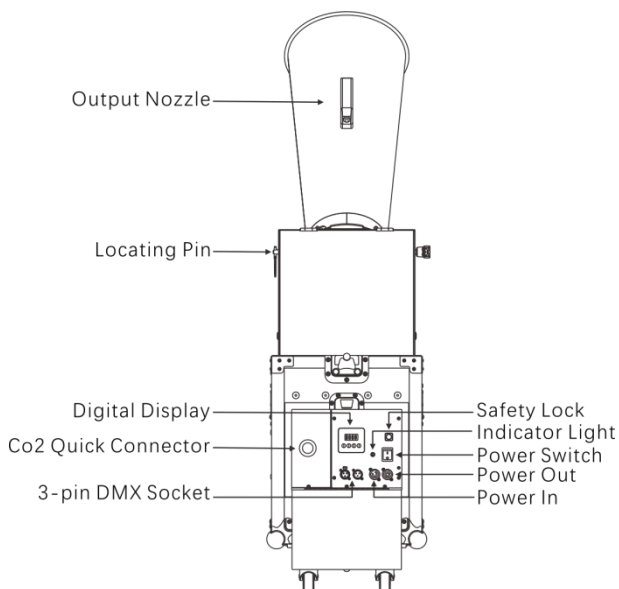
DC-6 is a new stage equipment of CO2 and confetti paper launched by DJPOWER. It adopts aerodynamic method and unique nozzle design, which can spray a large amount of confetti paper into the air within a few seconds. The spray height is about 15-20 meters, creating a rainbow-like gorgeous effect. The machine is smaller and packed in a flightcase, which is convenient to carry and transport. It supports three control methods: electric control, DMX, and manual control. Whether it is a wedding banquet, party bar, stage performance or festival celebration, it is the best choice to create an atmosphere!

2.2 Features

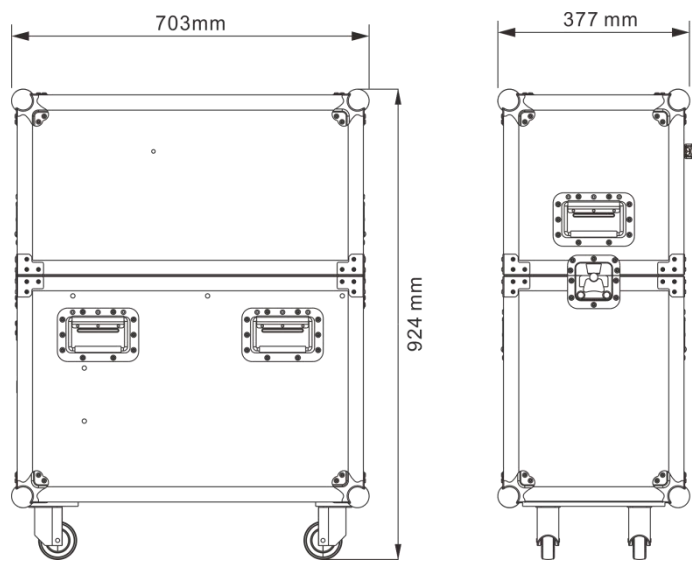
- Use high quality solenoid valve, durable use
- Anti-interference circuit design, stable and reliable
- Smaller size, packed in flightcase, easy to transport
- Large capacity for confetti paper, can hold 20kg confetti paper
- Strong explosive power, the height of the confetti paper spray is about 15-20 meters
- Support three control modes: electric control, DMX and manual control
- Less CO2 consumption

Note: The actual effect may be affected by the use environment

2.3 Product Overview



2.4 Product Dimensions



3 TECHNICAL SPECIFICATIONS

	Input Voltage & Rate	AC 100-240 V, 50/60 Hz
AC Power	Current Limiter Specifications	F0.5A, 250 V
	Total Power Consumption	30 W
Output	Max Output Distance	15-20 m
	On-device Manual Control	7-seg digital display
Control	Wireless Control	×
	Wired Control	×
	Control Protocol	DMX512
	DMX Channel Range	2
Consumable	Consumable	Confetti and Liquid Carbon Dioxide
	Net Weight	48 kg
Weight & Dimensions	Gross Weight	50.2 kg
	Machine Dimensions(including flightcase top cover)	703 × 377 × 924 mm
	Packing Dimensions	725 × 400 × 830 mm

4 SETUP

4.1 AC Power

The machine has a fixed voltage power supply and can work with an input voltage of AC 100 V - 240 V, 50/60 Hz, depending on the specific model.

To determine the product's power requirements (circuit breaker, power outlet, and wiring), use the current value listed on the label affixed to the product's back panel, or refer to the product's specifications chart. The listed current rating indicates the product's average current draw under normal conditions.



Always connect the product to a protected circuit (circuit breaker or fuse). Make sure the product has an appropriate electrical ground to avoid the risk of electrocution or fire.



Never connect the product to a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel serves only as a 0 to 100% switch.

4.2 Power Plug

The Machine comes with a power input cord terminated with a Lockable Powercon connector on one end and an EU plug or China plug on the other end (EU or China market). If the power input cord that came with your product has no plug, or if you need the change the plug, use the table below to wire the new plug:

Connection	Wire (U.S.)	Wire (Europe)
AC Live	Black	Brown
AC Neutral	White	Blue
AC Ground	Green/Yellow	Green/Yellow

4.3 DMX Linking

You can link the DC-6 to a DMX controller using a 3 pin DMX connection. If using other DMX-compatible products with this product, you can control each individually with a single DMX controller. Instructions for connecting and configuring this product for DMX operation are in the User Manual.

4.4 Mounting

Before mounting the product, read and follow the safety recommendations indicated in the Safety Notes.

4.4.1 Orientation

- For safety reasons, we do not recommend other installation methods. Please operate the machine on a flat ground.

4.4.2 Rigging

DJPOWER recommends using the following general guidelines when mounting this product.

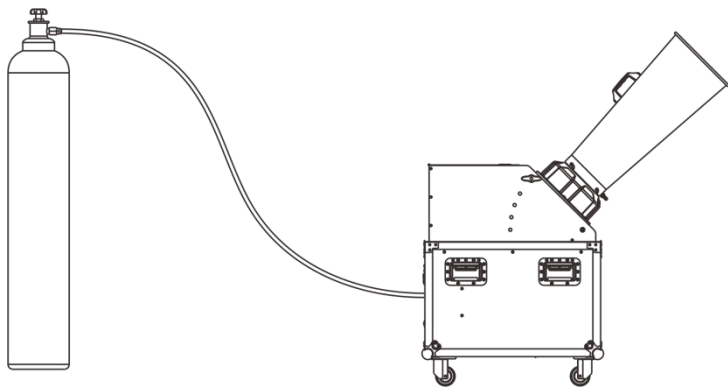
- Before deciding on a location for the product, make sure there is easy access to the product for maintenance and programming purposes.

- Make sure that the structure or surface onto which you are mounting the product can support the product's weight (see the Technical Specifications).

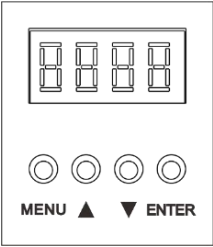
5 OPERATION

5.1 Preparing for Operation

- After checking that all the parts are intact and complete, position the machine on a flat surface.
- Open the top cover of the flightcase and take out the spray nozzle..
- Make sure no air pressure in the hose when doing the connections and installation.
- Before connecting to the machine, make sure you connect CO2 cylinder correctly.
 - * The order of connection: others connector should be connected well before connecting CO2 quick connector.
- Always connect the product to a grounded circuit. Before power on, make sure it is connected with the rated voltage.





5.2 On-device Control Panel



Button	Function
<MENU>	Cycle through the main digital display pages. Press a button once to switch to the next display page
▲	Increases the numeric value of DMX
▼	Decreases the numeric value of DMX
<ENTER>	After selecting a page, enter and exit the subpage

5.2.1 Menu Map

	Display	Description	Parameter Range
Setting Page		DMX address code setting page Press ENTER to enter the address code setting page, use the ▲ and ▼ keys to set the address code, and press ENTER to return to the previous level after confirmation. After setting the address code, connect the DMX signal to control the device..	1-512
Setting Page		Press ENTER to go to the settings page. Press ▲ and ▼ to enter ON or OFF	ON/OFF

5.3 Manual control mode

When the digital tube display is set to ON, press the safety lock on the machine operation panel at the same time, and the machine will start working. When it is set to OFF, the machine stops working. If the safety lock is not pressed, the machine will not work.



5.4 Safety lock and safety indicator light function

- **Do not press the safety lock button**

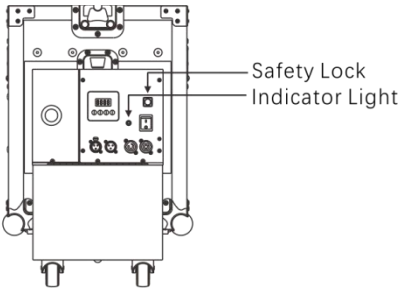
The safety indicator light is off and the device cannot start.

- **Press the safety lock button**

The safety indicator light flashes, indicating that the device is in a ready state.

- **Press the safety lock and trigger the spray**

All indicators are on and the machine is spraying paper.



5.5 Power on working function

When the digital tube display is set to "ON", and the safety lock button is pressed when not under DMX control, the machine will trigger the automatic spraying function, and it will start spraying as soon as the machine is powered on.



5.6 DMX Mode & Operation

DC-6 confetti shot works with a DMX controller:

- Turn the switch to DMX, and you can control the machine by DMX controller.

When the DMX signal is connected, only the address code will be displayed on the display page of the digital tube. In addition, the safety channel must be set in the ON state so that the output channel can control the work of the machine.

This machine supports 2 DMX channels, the channel table is as follows:

Channel	Function	Value	Description
1	Safety Channel	0-99	off
		100-155	on
		156-255	off
2	Output Channel	0-10	off
		11-255	on

5.7 REPLACE A CO2 CYLINDER

- Close the connected CO2 cylinder.
- After close CO2 cylinder, power on and empty the CO2 in the hose.
- Disconnect power.
- Disconnect the gas line from the old gas cylinder.
- Remove the CO2 bottle-to-hose connector from the cylinder.
- Connect a CO2 bottle-to-hose connector to a new CO2 cylinder.
- In case of multiple machines, connected in series: Repeat step as recommended for each machine.

6 TECHNICAL INFORMATION

6.1 Maintenance

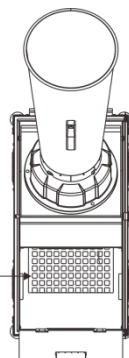
- To achieve the maximum service life of the machine, you must regularly clean the machine and test if it is functioning correctly.
- To prolong machine's life, clean the CO2 inlet and outlet at regular time to prevent dust attached.
- The maximum of CO2 hose can be used 1 year and replace a new one after 1 year.



Do not replace parts yourself; always consult DJPOWER if necessary.

6.2 Storage

Store the machine at a dry and cool place.



Clean the CO2 inlet and outlet at regular time to prevent dust attached

