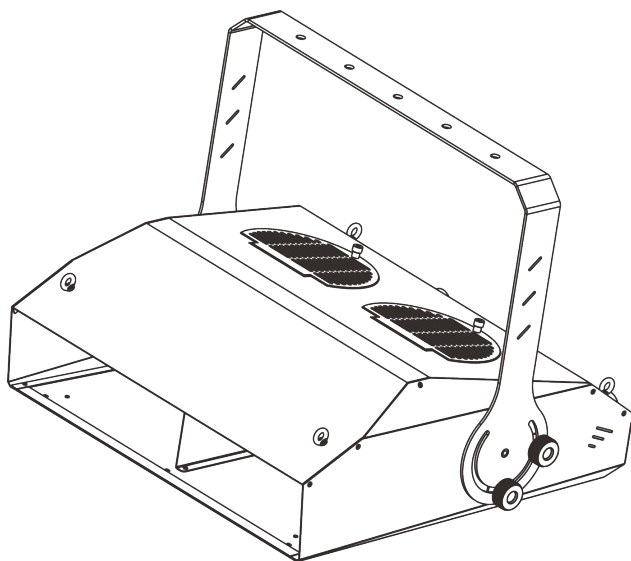




[PRO STAGE EFFECTS]

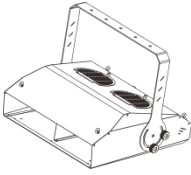


DC-2 CO2 CONFETTI FALL

USER MANUAL

1 BEFORE YOU BEGIN

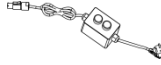
1.1 What Is Included



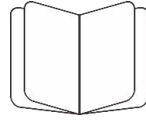
DC-2 CO2 Confetti Fall×1



Power Cord×1



M-3×1



User Manual×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 |
|--|--|
|  | <i>Caution</i> 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. |
|  | <i>Important</i> Important installation or configuration information. Failure to comply with this information may keep the product from working correctly. |
|  | <i>Information</i> Useful information. |

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 CO2 gas or 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 Indoor Use

The machine is designed for outdoor use and use in well-ventilated indoor spaces. When used indoors, make sure you take the necessary preparations. These preparations could include, but are not limited to:

- Consulting your CO2 supplier.
- Calculating the reduction of oxygen for the indoor space.
- Checking the location for spots where CO2 could accumulate and taking preventive actions.
- Installing CO2 monitoring devices that will warn for hazardous CO2 levels.



Do not use the machine in poor ventilated confined spaces. Exposure to high levels of CO2 gas can cause symptoms like headache, nausea, loss of consciousness or even death.

1.5.3 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.

1.5.4 Mounting and Rigging

- For safety reasons, we recommend to operate the product while it is mounted on the truss.
- 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 10-15 m (32.8-49.2 ft) from the output.

1.5.5 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.

1.5.6 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

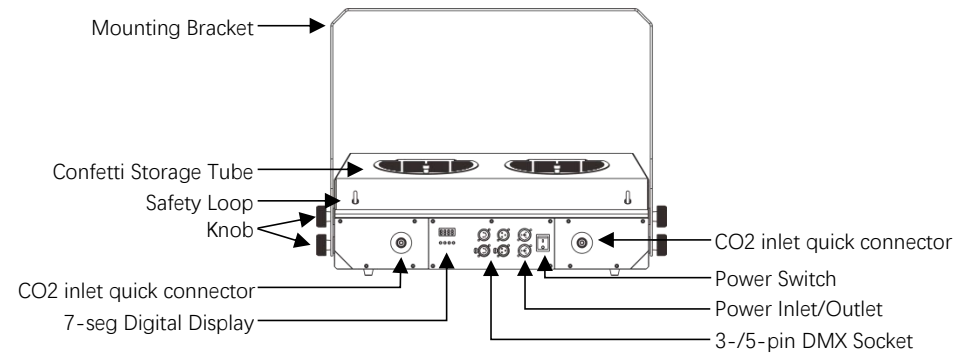
Use CO2 as power to blow confetti to air, the machine has special design to shipping more confetti for better effect. Perfect design and strong output create confetti fall, and suitable for large stage productions.

2.2 Features

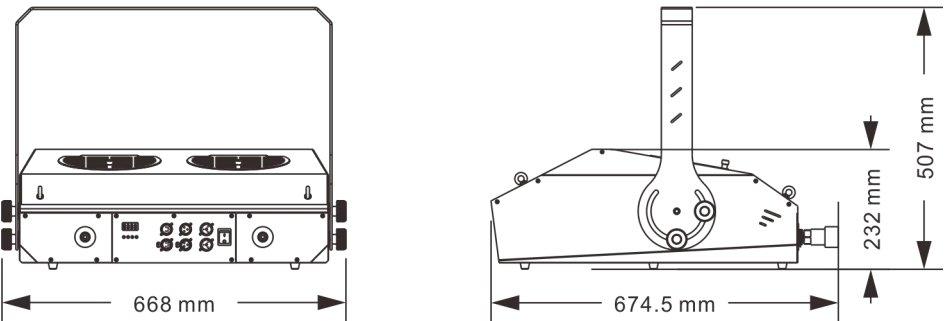
- Folding device for more convenient to use;

- Powerful effect reaches 20-meters distance;
- DMX and manual control;
- Special design to prevent confetti float randomly from machine.

2.3 Product Overview



2.4 Product Dimensions



3 TECHNICAL SPECIFICATIONS

| | | |
|----------|--|-----------------------|
| AC Power | Input Voltage & Rate | 220-240 V, 50/60 Hz |
| | Current Limiter Type | Fuse (F) |
| | Current Limiter Specifications | 2 A, 250 V |
| | Total Power Consumption | 50 W |
| | Power Input Connector | Lockable PowerCon |
| | Power Output Connector (Daisy Chained) | Lockable PowerCon |
| Output | Max Output Distance | 15-20 m |
| Control | On-device Manual Control | 7-seg digital display |
| | Wireless Control | × |


| | | |
|--------------------------------|--------------------|------------------------------------|
| | Wired Control | × |
| | Control Protocol | DMX512 |
| | DMX Channel Range | 1 |
| Certification | CE | ✓ |
| | RoHS | ✓ |
| Consumable | Consumable | Confetti and Liquid Carbon Dioxide |
| | Net Weight | 20 kg |
| Weight & Dimensions | Gross Weight | 24.8 kg |
| | Machine Dimensions | 668 × 674.5 × 232 mm |
| | Packing Dimensions | 795 × 750 × 305 mm |


4 SETUP

4.1 AC Power

The machine has a fixed voltage power supply and can work with an input voltage of AC 220 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 on the other end (EU & 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-2 to a DMX controller using a 3- or 5-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 recommend to operate the product while it is mounted on the truss, and make sure there is adequate room for ventilation, configuration, and maintenance.

4.4.2 Rigging

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

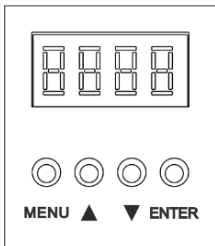
- Before deciding on a location for the product, make sure there is easy access to the product for maintenance and programming purposes.
- Make sure that the structure or surface onto which you are mounting the product can support the product's weight (see the Technical Specifications).

5 OPERATION

5.1 Preparing for Operation

- After checking that all the parts are intact and complete, position the machine on truss.
- Lift the foldable storage tube and fix it on the fixation bracket, Open the lid and fill the confetti.
- 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.
 - * Place a 20 cm object underneath the CO2 cylinder while place it horizontally, and its bottom must higher than the top (refer to the picture as below).
- Always connect the product to a grounded circuit. Before power on, make sure it is connected with the rated voltage.
- Wind and other weather circumstances will influence the output height and output distance of the confetti.

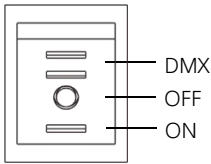
5.2 On-device Control Panel



| Button | Function |
|---------|------------------------------------|
| <MENU> | No function |
| ▲ | Increases the numeric value of DMX |
| ▼ | Decreases the numeric value of DMX |
| <ENTER> | No function |

5.3 On-device Control Mode & Operation

Slowly open the valve of the cylinder, you will see the wonderful effect while turn the switch to ON.
Turn the switch to OFF to stop working.



5.4 DMX Mode & Operation DMX

The DC-2 works with a DMX controller.

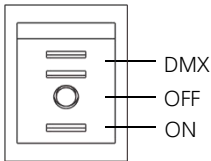
- Turn the switch to DMX, and you can control the machine by DMX controller.
- DJPOWER® DC- 2 DMX uses only 1 DMX channels, which defines the highest configurable address to 512.

5.4.1 Menu Map

| | Display | Descripition | Parameter Range |
|--------------|---------|---|-----------------|
| Standby Page | | While power on, the display will show this page. | |
| Setting Page | | Press ENTER to go to the DMX address page. Press ▲ and ▼ to adjust DMX address, and save it by pressing ENTER. | 1-512 |

5.5 M-3 Wired Controller Mode & Operation

Dial the switch of device to "ON", press the green button, it will present wonderful effects. If you want to stop the device, just need to loosen the green button;



5.6 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 CO2 hose from the CO2 bottle-to-hose connector on the CO2 cylinder.

- Remove the CO2 bottle-to-hose connector from the cylinder.
- Connect a CO2 bottle-to-hose connector to a new CO2 cylinder.
- Connect the CO2 hose to the CO2 bottle- to-hose connector on the new CO2 cylinder.
- Open the 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.
- After using the filter for 3 months, take the filter element for a cleaning and reinstall and screw.



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

6.2 Storage

Store the machine at a dry and cool place.

