X-FORCE
by DJPOWER

X-R1
AUTOMATIC CONFETTI MACHINE

USER MANUAL

GUANGZHOU DJPOWER ELECTRONIC TECHNOLOGY CO.,LTD
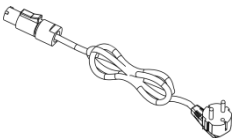
1 BEFORE YOU BEGIN

1.1 What Is Included
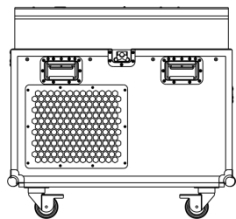
| X-R1 Machine × 1 | Power Cord × 1 | Warranty Card ×1 |

1.2 Unpacking Instructions

Carefully unpack and check that the items are all in the package and intact.

If the carton or any part appears to be damaged or missing during transportation, contact the carrier or distributor immediately and return in original package for inspection.

1.3 Symbols

Symbol	Meaning
⚠	*Caution* Critical installation, configuration, or operation information. Failure to follow these instructions may result in product malfunction or personal injury.
ⓘ	*Important* Important installation or configuration information. Failure to comply with the instructions may lead to product malfunction.
💬	*Information* 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 amend this manual at any time. If you find any errors or inaccuracies in this manual, we would appreciate it if you would let us know. This helps us to further improve the user manual.
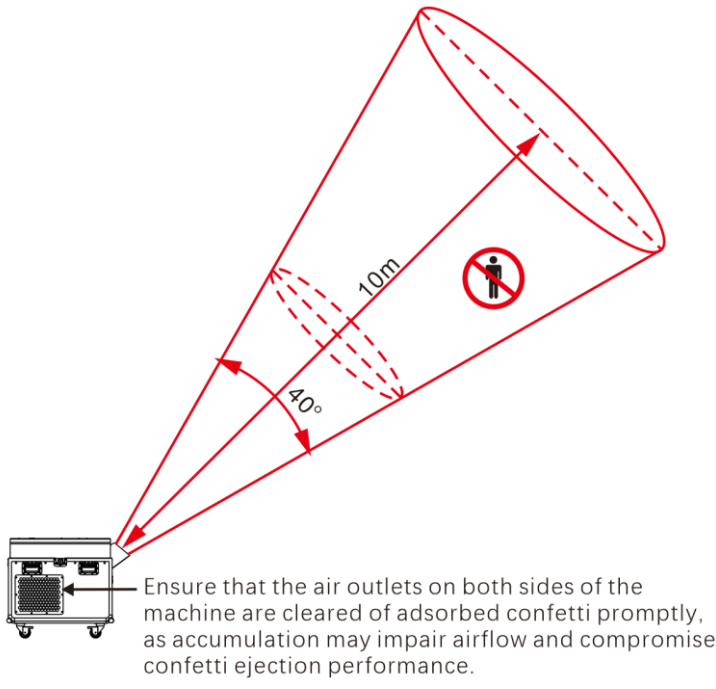
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1.5 Safety Notes

Read the following Safety Notes carefully before operating the machine. The Note includes important safety information about installation, usage, and maintenance.

1.5.1   Personal Safety

• Always connect the product to a grounded circuit to avoid the risk of electrocution.

• The total load on a single line is strictly prohibited to exceed the rated capacity of the circuit breaker/fuse (separate power supply is recommended and parallel connection of multiple devices is prohibited).

• For adult use only. Keep children away from the machine.

• Never point the nozzle at people, animals, or valuable objects.

• Do not stay in the hazardous area when the machine is switched on. Make sure all personnel are aware of the safety distances, risks and functions of the machine.

• **The red area in the figure below shows the safe isolation area**

Ensure that the air outlets on both sides of the machine are cleared of adsorbed confetti promptly, as accumulation may impair airflow and compromise confetti ejection performance.   :

1.5.2   Mounting and Rigging

• This machine can be used both indoors and outdoors. Please keep the machine dry and do not expose to rain or moisture.

• Always operate the machine in the well-ventilated area.

• Ensure that the air outlets on both sides of the machine are cleared of adsorbed confetti promptly, as accumulation may impair airflow and compromise confetti ejection performance.

1.5.3   Power and Wiring

• Always connect the machine to the correct rated voltage.

- 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 the power cord by pulling or tugging on the cord.

- To avoid unnecessary energy consumption and extend the machine's service life, completely disconnect the equipment from the power supply when not in use by either switching off the circuit breaker or unplugging the power cord.

1.5.4   Operation

- Do not operate the product if any damage is observed to the machine housing or cables. Immediately contact authorized technician to replace damaged components.

- Do not cover the ventilation holes during operation to avoid high temperature inside the machine.

- Do not cover or block the nozzle during operation.

- If the wind becomes reduced or the height of the confetti projection decreases during operation, check and clear any confetti adsorption obstructing the air inlet on both sides of the unit in time.

- Never carry the product by the power cord or any moving part.

- Before transporting the machine, ensure that the confetti tank is completely empty.

- Always disconnect the machine from the power source before cleaning.

- If a serious malfunction occurs during operation, stop using it immediately.

- This machine contains no user-serviceable parts. Any reference to servicing in this User Manual will only apply to properly trained and certified technicians. Unauthorized disassembly or modification may cause damage or malfunction.

⚠ **Please note that confetti may stain surfaces when landing on wet or damp floors, making cleanup difficult. Use only in dry, non-sensitive areas. We assume no liability for damage resulting from failure to comply with this and other safety requirements.**

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

2   INTRODUCTION

2.1   Description

X-R1 is DJPOWER's newly designed DMX-controlled confetti machine by utilizing worldly unique "Paper Conveying" technology. Powered by a powerful airflow system, it can launch confetti into the air up to a height of 15 meters with extended airborne duration and wide dispersion coverage. The machine features an integrated flight case design, combining lightweight construction and high-capacity confetti loading for operational convenience. It is perfect for various celebrations, ceremonies, performances, TV programs and other venues.
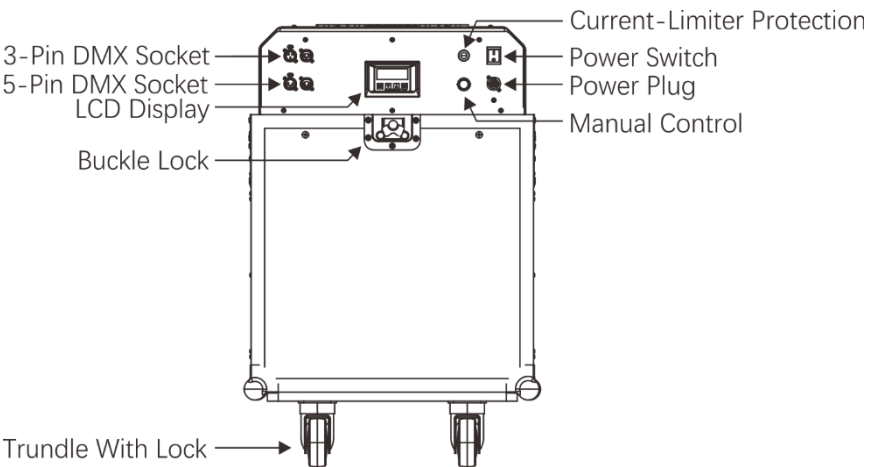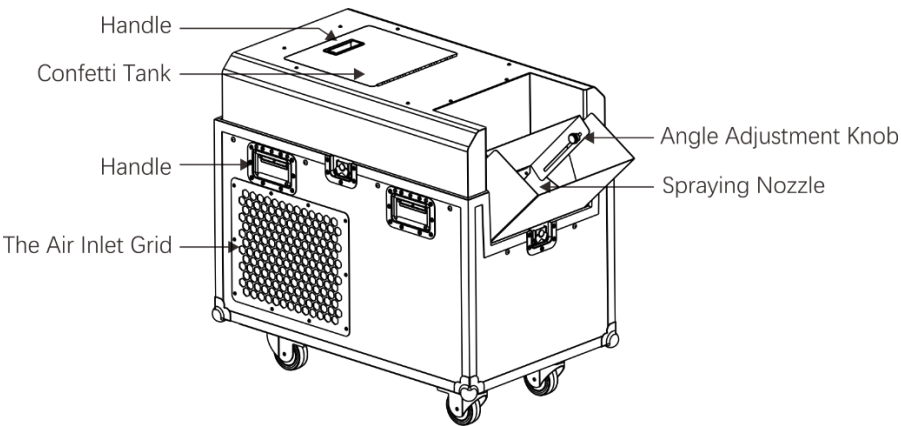
2.2   Product features

- With unique "Paper Conveying" patent technology enables smooth and even output;
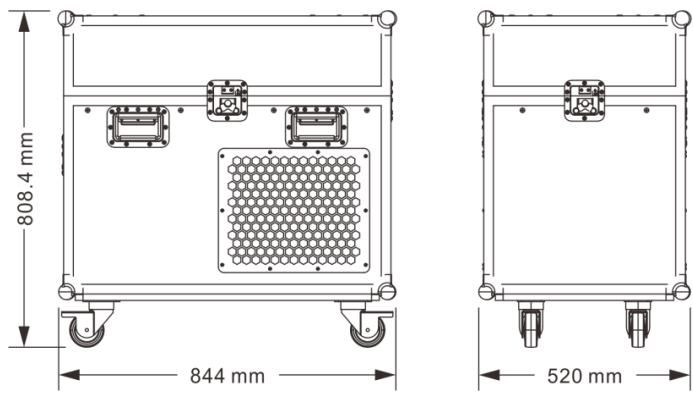
- Integrated-designed with flight case, convenient for transport;
- Large confetti capacity can hold 40L confetti, more convenient to use;
- With DMX control to adjust confetti output;
- Supports 220V power supply for greater convenience and efficiency.

Note: The actual effect may be affected by the operational conditions.

2.3 Appearance overview

Handle
Confetti Tank
Handle
The Air Inlet Grid
Angle Adjustment Knob
Spraying Nozzle

3-Pin DMX Socket
5-Pin DMX Socket
LCD Display
Buckle Lock
Current-Limiter Protection
Power Switch
Power Plug
Manual Control
Trundle With Lock

2.4   Product Dimensions

3   TECHNICAL SPECIFICATIONS

AC Power	Input Voltage & Rate	AC 220-240 V, 50/60 Hz
	Current Limiter Specifications	**8A/250V**
	Total Power Consumption	1,100 W
Output	The Longest Lasting Time	Appr. 150s
	Max Output Distance	Appr. 15 meters
	Max Output Height	Appr. 15 meters
	Max Output Coverage	Appr. 200 m²
	Noise	Appr. ≤1m, 77dB
Control	On-device Manual Control	LCD Control Panel
	Wireless Control	×
	Wired Control	×
	Control Protocol	DMX-512
	DMX Channel Mode	1 or 2-F or 2-M (3 DMX Channel Modes)
Capacity	Capacity	40 L
Consumable	Consumable	Confetti
Weight & Dimensions	Net Weight	73.3kg
	Gross Weight	75.3kg
	Machine Dimensions	844 × 520 × 808.4 mm
	Packing Dimensions	884 × 560 × 772 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 -240 V 50/60HZ, depending on the specific model.

To determine the machine's power requirements (circuit breaker or fuse), refer to the values listed on the machine panel label or to the machine specification sheet. The listed current rating indicates the machine's average current draw under normal conditions.

⚠️ **Always connect the machine to a protected electrical circuit (circuit breaker or fuse). Make sure the machine is connected to a grounded power plug to prevent electric shock hazards**.

ⓘ **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   DMX Connection

The X-SW2300 supports both 3-pin and 5-pin DMX connections to the DMX controller. It can be integrated into a DMX network with other compatible devices while maintaining individual control. Instructions for connecting and configuring this product for DMX operation are in the User Manual.

4.3   Mounting

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

4.3.1   Orientation

Operate the machine on a flat, level hard only and make sure there is adequate room for ventilation, configuration, and maintenance.

4.3.2   Rigging

DJPOWER recommends following general guidelines for machine installation:

• Make sure the installation location provides adequate working space for both routine maintenance and control operations.

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

• The X-R1 is equipped with coordinated wheels for smooth mobility, featuring locking mechanisms on diagonal wheels for stationing. Simply press down the locks to secure the unit in position and prevent sliding, then press them in the opposite direction to release if relocation is needed.

• Due to the large size of the machine, do not fix the machine on a slope.
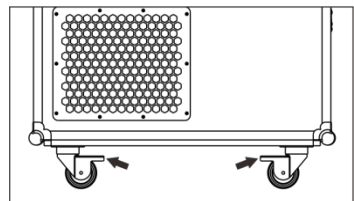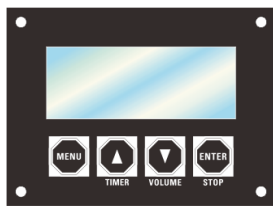
5 OPERATION

5.1 Preparing for Operation

Before operating the machine, please follow these steps for preparation:

- After verifying the machine and all accessories are undamaged and complete, place the machine in a flat position and lock the four casters of the machine.
- Unlock and remove the top cover of the flight case, fill confetti with the tank, then adjust the output angle and tighten the angle rotary knob.
- Always connect the power cord to a properly grounded outlet. Before powering on, make sure it is connected with the rated voltage.

5.2 On-device Control Mode & Operation

5.2.1 On-device Control Panel

This control mode requires DMX signal disconnection (it becomes invalid when DMX signal is connected).
To access the control panel functions, pressing the below four buttons in the LCD display:

Button	Function
<MENU>	Switch menu pages to select a function
<▲>	Increase
<▼>	Decrease
<ENTER>	In/Out, reuse "stop" button

- Refer to the "MENU Map" for menu options, including the display interface and selectable values.
- To go to the desired main level, press <MENU> repeatedly until the option shows on the display. This will take you to the first programming level for that option.
- To select an option or value within the current programming level, press "▲"or "▼" until the option shows on the display. If there is another programming level, you will see that first option, or you will see the selected value.
- Press <MENU> repeatedly to switch menu pages.
- Press <ENTER> to go back to Standby Page.

5.2.2 Menu Map

	Display	Description	Parameter Range
Starting Page	Version 1.0 AC230V 50HZ	LCD display will show the program version and the operating voltage when power on	
Standby Page	Ready to work DJPOWER X-R1	Ready to work	

	DMX512 ADD 1	Press "▲" and "▼" choose DMX address	1-512
Setting Page	Screen OFF OFF	Press "▲"and "▼" choose turn ON or OFF LCD backlight protection function. ON is turn off the backlight, and wait for 10S after the LCD backlight off; OFF is for the backlight is always on	ON / OFF
	Auto Run Last Settings OFF	Press "▲" and "▼" to set if the machine will automatically run last setting when powering on again	ON / OFF
	(Language) English	Press "▲" or "▼" to select the language and save by ENTER	中文 / English
Working Page	Working DJPOWER X-R1	When DMX signal is disconnected, press the "▼" button or <ENTER> on the panel to start or stop the output of the machine	

5.3   DMX Mode & Operation

X-R1 can be operated using a DMX controller:

• Connect the product to a suitable power outlet.

• Turn the product on.

• Connect a DMX cable from the DMX output of the DMX controller to the DMX input socket on the product.

When the machine receives a DMX signal, the LCD panel will exclusively display the DMX Address setting page. Press "▲" or "▼" to adjust the DMX512 address.

X-R1 supports 3 DMX channel modes:

Channel mode 1	Channel	Function	Value	Description
	1	Output	0-10	OFF
			11-255	ON

Channel mode 2 (2CH-F)	Channel	Function	Value	Description
	1	Output	0-10	OFF
			11-255	ON
	2	Safety Channel	0-149	OFF
			150-255	ON

Channel mode 3 (2CH-M)	Channel	Function	Value	Description
	1	Output	0-10	OFF
			11-255	ON
	2	Safety Channel	0-49	OFF
			50-200	ON
			201-255	OFF

5.4   Manual Control Mode

The machine panel is equipped with a manual control button. When the machine is ready to work, press the manual control button to start launching the confetti, then press the manual control button to stop launching the confetti.

Manual Control
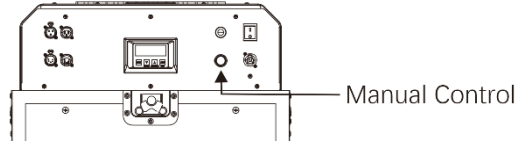
6   TECHNICAL INFORMATION

6.1   Maintenance

1、For optimal use of the machine, be sure to clean it regularly and test it for proper operation.

Test-run your DJPOWER® X-R1 on a monthly basis to achieve the best performance.

6.2   Storage

Store the machine in a dry and cool place.