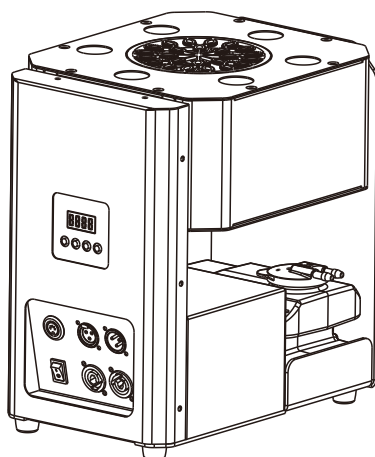


X-FORCE

by DJPOWER



X-DB7 *MULTI-ANGLE BUBBLE*

USER MANUAL

1 BEFORE YOU BEGIN

1.1 What Is Included




X-DB7 Machine × 1	W-2 wireless remote × 1	User Manual × 1
Power Cord × 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
	Caution 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.
	Important Important installation or configuration information. Failure to comply with this information may keep the product from working correctly.
	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 to create this manual at any time. Copyright © 2025 DJPOWER. All rights reserved.

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 Personal Safety

- Always connect the product to a grounded circuit to avoid the risk of electrocution.
- Make sure that children, unauthorized people and animals do not obtain access to the machine.

1.5.2 Mounting and Rigging



To prevent the liquid from splashing onto the ground after bubbles burst (which causes the ground to become slippery), it is advisable to use a layer of absorbent cotton when operating a bubble machine. After use, clean up the liquid on the ground promptly to avoid slipping.

- The product is for indoor use only! To prevent risk of fire or shock, do not expose the product to rain or moisture.
- 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 confined spaces. Always install the product in a location with adequate ventilation, at least 20 inches (50 cm) from adjacent surfaces.
- Be sure that no ventilation slots on the product's housing are blocked or clogged by dust. If necessary, remove the dust.

1.5.3 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

1.5.4 Operation

- Do not operate this product if you see damage to the housing or cables. Have the damaged parts replaced by an authorized technician immediately.
- Do not use the product as a space heater.
- The maximum ambient temperature (Ta) is 104 °F (40 °C). Do not operate the product at higher temperatures.
- Do not cover the ventilation slots when operating to avoid internal overheating.
- Do not cover or plug the output nozzle during operation.
- Wipe up spilled fluid immediately. Moisture and fluid can damage the electric components.
- Never carry the product by the power cord or any moving part. Always use the handles of the machine.
- Drain the tank before transporting the product.
- Always disconnect the product from the power source before cleaning.
- In the event of a serious operating problem, stop using the product immediately.

- 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.
- Use only DJPOWER Consumables. Please use professional bubble fluid PRO-P.



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

X-DB7 is a new multi-angle bubble machine launched by DJPOWER. Support 180° free adjustment of the bubble injection direction. The built-in powerful fan can spray bubbles up to about 10 meters away. 6 PCS 8 W RGBA 4 in 1 LED, with colorful bubble effects. The height and color of bubble is adjustable. It's 1.3 L fluid tank for sealed storage, not easy to fail. Suitable for all stages that need to create bubble effects.

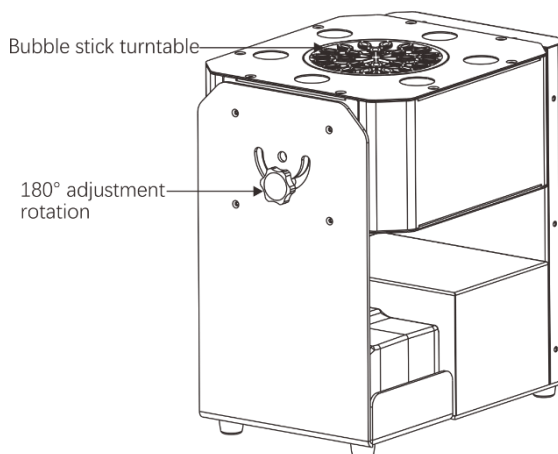
2.2 Features

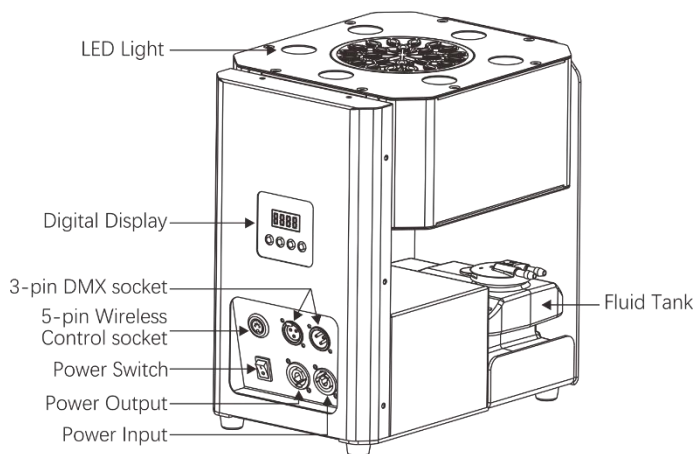
- Smaller, more convenient using.
- Support 180° adjustment of bubble jet direction.
- Built-in strong fan, Spray the bubbles to about 10 meters.
- 6 PCS 8 W RGBA 4-in-1 LEDs, with colorful bubble effects.

Please use DJPOWER professional bubble fluid PRO-P, Otherwise the machine is easily damaged or the effect is not good.

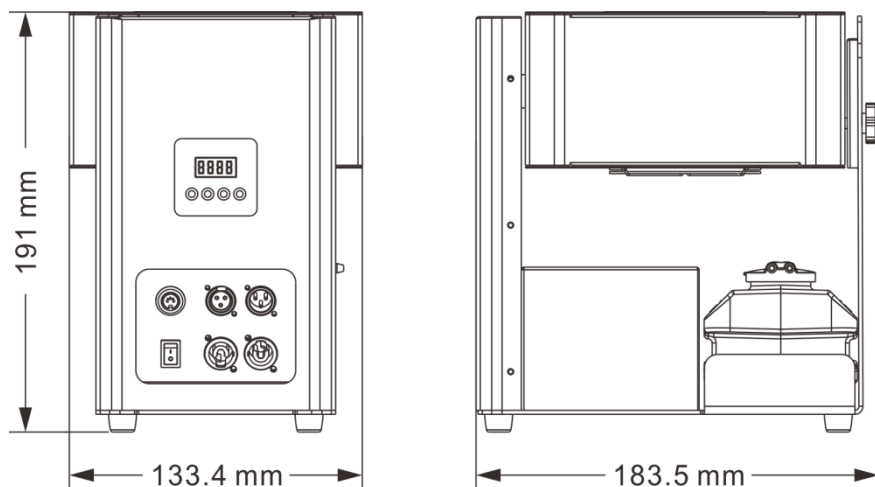
Note: The actual effect may be affected by the use environment.

2.3 Product Overview





2.4 Product Dimensions



3 TECHNICAL SPECIFICATIONS

AC Power	Input Voltage & Rate	AC 100-240 V, 50/60Hz
	Total Power Consumption	60 W
Light Source	LED Color	RGBA
	LED Type	4 in 1
	Power per LED	8 W
	Quantity of LED	6 pcs
	Total LED Power	48 W

Capacity	Fluid Tank Capacity	1.3 L
	Spray angle	180°
Output	Max Output Height	Appr. 10 m
	Bubble Fluid Consumption Rate	Appr. 45.4 min/L
	Consumable Type for Standard Output Test	PRO-P
Placement & Mounting	Horizontal	√
	Inclined	×
	Sidelong (Don't cover heat emission hold)	×
	Hang Upside Down	×
	Rigging & Trussing	×
Control	On-device Manual Control	Digital display
	Wireless Control	W-2
	Wired Control	×
	Control Protocol	DMX512
	DMX Channel Range	7
Consumable	Consumable	PRO-P
Weight & Dimensions	Net Weight	4 kg
	Gross Weight	4.9 kg
	Machine Dimensions	183.5 × 133.4 × 191 mm
	Packing Dimensions	356.5 × 286 × 368 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.

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 AC Plug

The X-DB7 comes with a power input cord terminated with an EU plug on the other end (EU market). If the power input cord that came with your product has no plug, or if you need to change the plug, use the table below to wire the new plug:

AC Live	Black	Brown
AC Neutral	White	Blue
AC Ground	Green	Green/Yellow

4.3 DMX Linking

You can link the X-DB7 to a DMX controller using a 3-pin DMX connection. It can be connected to the same console with other DMX-enabled devices and controlled separately. 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, operate the product while it is on the ground only. 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).
- When mounting the product on the floor, make sure that the product and cables are kept from people and vehicles.

5 OPERATION

5.1 Preparing for Operation

- After checking that all the parts are intact and complete, position the machine on flat.
- Take out the fluid tank, add bubble fluid
- Verify that the plastic hoses attached to the cap is in place and in good condition without bending or warping.
- Always connect the product to a grounded circuit. Before power on, make sure it is connected with the rated voltage.

5.2 Digital tube display Control

To access the control panel functions, disconnect the DMX signal, and use the four buttons located underneath the Digital display tube.



Button	Function
<MENU>	Switch menu pages to select a function
<▲>	Increases the numeric value of current function
<▼>	Decreases the numeric value of current function
<ENTER>	Save/ Quit

Standby display "READ", it means ready to work.



Press:"MENU", there are 5 pages:

1、 "Addr "

First page, DMX address setting, press "ENTER", then press "UP" or "DOWN" set 1-512, last press "ENTER" exit menu.



2、 "CH-1"

The second page, LED color setting, press "ENTER", then press "UP" or "DOWN" set LED color (9 colors or close color), last press "ENTER" exit menu.



3、 " FAN "

The third page, air regulation, press "ENTER", then press "UP" or "DOWN" set n1/n2 mode, n1 high speed, n2 low speed, last press "ENTER" exit menu.



4、"NODE "

The forth page, Spray bubble setting, press **"ENTER"**, then press **"UP"** or **"DOWN"** set n1/ n2 model. The fan does not work when n1 is in standby, and the fan will continue to work when n2 is in standby, so as to achieve the effect of quickly opening the bubble spray. Last press **"ENTER"** exit menu.



5、"OUTP "

The fifth page, bubble manual work Settings. press **"ENTER"**, then press **"UP"** or **"DOWN"** set OFF/ON (open or close). Last press **"ENTER"** exit menu.



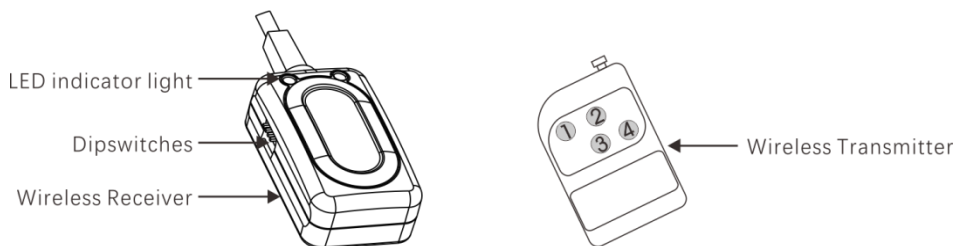
Operating Tips:

1. On any pages, If the button is not touched within 10S, the display will return to the "READ" power display standby page



5.3 Wireless Remote-Control Mode & Operation

This mode will allow you to control the X-DB7 using the wireless controller W-2. This consists of the transmitter and the receiver, any W-2 transmitters can work with any W-2 receivers, no pairing procedure needed.



This mode will allow you to control the X-DB7 using the wireless controller. It includes the transmitter and the receiver. You can control up to 4 independent machines, or many more if you run them simultaneously. See the below instructions on setting up your operation with the wireless controller.

1. Plug the wires receiver into the machine 5-pin port labeled "Wireless Controller".
2. There are 4 buttons on the wireless remote transmitter which act as triggers. Each button can be assigned to a different machine. You may only choose 1 address switch on each receiver. See the below configuration for setting the receiver operate with the transmitter remote.

Mode Dip Switches

CH1 1 = On, 2-4 = Off

CH2 2 = On, 1,3,4 =O

CH3 3 = On, 12,4 = Off

CH4 4 = On, 1,2,3 = Off

3. Press the wireless transmitter to start working, and then press to stop working.

5.4 DMX Mode & Operation

The machine X-DB7 works with a DMX controller.

- Connect the product to a suitable power outlet
- Turn on the machine.
- Connect a DMX cable from the DMX output of the DMX controller to the DMX input socket on the product.

When the machine is connected to a DMX controller, the display will always show the DMX starting address. You can set or change it at any time by pressing the UP or DOWN buttons.

DMX Channel Assignments and Values

DMX Channel	1	Bubble Output	0-10 No function	11-127 Low gear	128-255 high gear
	2	RED	0-10 No function	11-255 Dim to bright	
	3	Green	0-10 No function	11-255 Dim to bright	
	4	Blue	0-10 No function	11-255 Dim to bright	
	5	Amber	0-10 No function	11-255 Dim to bright	
	6	Automatic color mixing	0-10 No function	11-255 Automatic color mixing speed up	
	7	Strobe	0-10 No function	11-255 Slow to fast	

6 TECHNICAL INFORMATION

6.1 Expected LED Lifespan

LEDs gradually decline in brightness over time, primarily due to the heat. Packaged in clusters, LEDs exhibit higher operating temperatures than in ideal, single-LED conditions. For this reason, using clustered LEDs at their fullest intensity significantly reduces the LEDs' lifespan. Under normal conditions, this lifespan can be 40,000 to 50,000 hours. If extending this lifespan is vital, lower the operating temperature by improving the ventilation around the product and reducing the ambient temperature to an optimal operating range. In addition, limiting the overall projection intensity may also help extend the LEDs' lifespan.

6.2 Maintenance

After each use of the bubble machine, it is necessary to clean the bubble head with clean water in time to prevent the residual bubble liquid on the bubble head from solidifying and gluing, which will cause it to fail to work properly next time.

Do not allow the X-DB7 to become clogged due to the sticky bubble fluid. Cleaning and maintenance are necessary.

The recommended cleaning procedure is as follows.

- 1) Unplug the product from power.
- 2) Empty bubble fluid from the machine.
- 3) Add water to the bubble fluid tank.
- 4) Connect the machine to the power supply, start the bubble spraying work. The machine will automatically pump clean water into the machine to clean the bubble outlet and pipes
- 5) Run the product in a well-ventilated area. Do not allow the pump to run dry.
- 6) Add bubble fluid again, run the machine briefly to remove any remaining water from the fluid pump.
- 7) Excessive dust, fluid residue and dirt will degrade performance and cause overheating. Remove dust from air vents with air compressor, vacuum or soft brush. The casing could be cleaned by the damp cloth.

Note: The default cleaning time is 1 minute. Without turning of the cleaning mode manually, it will shut of automatically after 1 minute.



Test-run your DJPOWER® X-DB7 on a monthly basis to achieve the best performance.

7 STORAGE

7.1 Machine Storage

Before storing the machine, please clean and maintain the machine, empty the oil drum, and keep the storage environment dry.

