

Cloud Bubble Machine

User Manual

Model: YP001

⚠ Please read this manual carefully before use



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1. Product Introduction

1.1 Key Features

- Ceiling mount or floor placement, adaptable to various scenes
- Produces 20-50cm large bubbles with built-in smoke for stunning atmosphere
- Smoke-filled bubbles float slowly for up to 20 seconds without bursting
- Compact design, space-saving
- High efficiency: 1-8 bubbles per cycle
- Requires original professional bubble fluid (standard bubble oil cannot form large bubbles)

1.2 Applications

Indoor parties, children's playgrounds, festivals, weddings, tourist attractions, concerts, music festivals, garden decorations, commercial events, stage performances, etc.



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2. Technical Specifications

Parameter	Specification
Model	YP001
AC Voltage	110V/240V 50/60Hz
Power	900W
Control	DMX512 / Wireless Remote
DMX Channels	4 Channels
Spray Angle	180°
Spray Distance	1-3 meters
Bubble Tank Capacity	1.5L (approx. 4 hours)
Smoke Oil Tank Capacity	1.5L (approx. 4 hours)
Material	Stainless Steel + Iron
Net/Gross Weight	17.4kg / 19kg
Machine Dimensions	38×40×49 cm
Package Dimensions	48×45×56 cm

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3. Safety Warnings & Precautions

3.1 Safety Warnings

- **Do not place in damp, high-temperature, or flammable/explosive environments**
- **Do not immerse in water or expose to heavy rain for extended periods**
- **Children must not operate the device alone; adult supervision required**
- **Read this manual carefully and follow all instructions before use**

3.2 Precautions

- Bubble fluid mixing ratio of 1:2 provides optimal results; deviation affects bubble quality
- Do not operate continuously for more than 7 hours to prevent power supply overheating
- Moisten the film-forming cloth during warm-up; otherwise bubbles cannot form
- Ensure liquid levels are within the specified range when refilling; do not overfill
- Use in well-ventilated environments recommended



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4. Installation & Preparation

4.1 Unboxing Inspection

Open the package and verify all accessories are included: main unit, remote control, power cord, user manual.

4.2 Installation Steps

- 1. Connect the power cord to the main unit and plug into a properly rated power outlet
- 2. Open the tank lid, add mixed bubble fluid (ratio 1:2) and smoke oil; ensure liquid is within the specified range
- 3. Insert the suction tube into the tank, close the lid, and ensure a tight seal

4.3 Parameter Settings

Long press MENU to enter settings. Use UP/DOWN to adjust parameters. Press ENTER to save.

4.4 Control Panel

Button	Function
MENU	Enter/Exit settings menu
UP	Increase value / Move up
DOWN	Decrease value / Move down
ENTER	Confirm and save current setting

4.5 Menu Settings

Main Menu:

Advanced Parameters (⚠ Factory-tuned to optimal settings; do not adjust without professional guidance):

No.	Parameter	Range
d001	DMX Address	001-512
RFON	Wireless Switch	On/Off
Advanced		
1	Smoke Oil Pump Speed	1-255
2	Return Oil Pump Speed	1-255
3	Bubble Pump Speed	1-255
4	Bubble Fan Speed	1-255

5. Operation

5.1 Power On & Warm-Up

- 1. Press the power button. Display shows "UP" — smoke heater is warming up (approx. 3-5 minutes)
- 2. During warm-up, press remote A or DMX CH1 to moisten the film-forming cloth
- 3. Warm-up complete when display shows "d001"; device is ready for use

 **Tip:** If the film-forming cloth is not sufficiently moistened, bubbles cannot form.

5.2 DMX512 Console Control

Address Setting: MENU → Select Address → UP/DOWN (001-512) → ENTER to save

Channel	Value	Function
1CH	0-9	Off
	10-255	Bubble pump drips to moisten film cloth
2CH	0-255	Single bubble burst
3CH	0-255	Continuous bubble burst

5.3 Remote Control

Key	Function	Description
A	Moisten Film Opening	Use during warm-up
B	Single Bubble	One burst per press
C	Continuous Bubble	Press again to stop
D	Off	Stop all functions

6. Cleaning & Maintenance

6.1 Routine Cleaning

Item	Method
Surface	Wipe with soft dry cloth; do not use corrosive cleaners
Tank	Drain residue, rinse with clean water
Tubing	Run clean water for 1-2 minutes after each use to prevent clogging
Fan / Bubble Outlet	Clean regularly to remove dust and debris

6.2 Maintenance Recommendations

- Before long-term storage: wipe clean the bubble outlet and stainless steel tank; drain all remaining liquid to prevent bubble fluid gelation
- Regularly inspect power cord and plug for secure connection and damage
- Store in a dry, ventilated place; avoid damp or high-temperature environments
- Recommended: perform thorough cleaning and inspection every 20 hours of use

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7. Troubleshooting

Symptom	Possible Cause	Solution
Bubbles burst immediately	Incorrect mixing ratio / improper fan speed / excessive smoke	Check 1:2 ratio; adjust bubble fan; reduce smoke pump value
No bubbles	Film cloth not moistened / pump failure / fluid depleted	Press A during warm-up; check tank level and tubing
No smoke	Smoke oil depleted / not warmed up / smoke pump failure	Refill smoke oil; wait for d001 display; check smoke pump
Remote not responding	Low battery / wireless switch off	Replace battery; check RFON setting
Console not responding	Address mismatch / signal cable fault	Verify address code; check DMX cable

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8. Warranty & Service

8.1 Warranty Policy

Item	Details
Warranty Period	One year from date of purchase
Coverage	Replacement and repair of non-man-made damaged parts
Exclusions	Damage caused by improper use, modification, or unauthorized repair
Proof of Warranty	Purchase invoice or warranty card

8.2 After-Sales Service

- For after-sales service, please contact your purchase channel or official customer service
- Do not disassemble the device yourself to avoid voiding the warranty

The manufacturer reserves the right to modify product specifications without prior notice.
If this manual is updated, the latest version shall prevail.

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