



[Manuals.plus](#) /

› [Hanchen](#) /

› Hanchen 1800W Low Lying Fog Machine User Manual

## Hanchen B0GK7YRGSQ

# Hanchen 1800W Low Lying Fog Machine User Manual

Model: B0GK7YRGSQ

Brand: Hanchen



## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Hanchen 1800W Low Lying Fog Machine. This water-based ground fog machine is designed to produce dense, low-lying fog effects for various events such as Halloween, weddings, DJ stages, and theatrical performances. Please read this manual thoroughly before operating the device and retain it for future reference.

## 2. SAFETY INSTRUCTIONS

**WARNING: Failure to follow these safety instructions may result in electric shock, fire, or personal injury.**

- Always connect the machine to a grounded power outlet.
- Ensure the power supply voltage matches the machine's requirements.
- Do not operate the machine if the power cord is damaged.
- Keep the machine away from flammable materials and heat sources.
- Use only water-based fog fluid specifically designed for fog machines. Do not use oil-based fluids or other liquids.
- Do not touch the nozzle during operation or immediately after, as it can become very hot.
- Ensure adequate ventilation around the machine.
- Do not immerse the entire machine in water. Only the submersible pump is designed for contact with water/fluid.
- Keep out of reach of children and unauthorized personnel.
- Disconnect power before cleaning or servicing.
- The machine features an auto shut-off when water runs low. Do not bypass this safety feature.

### 3. PACKAGE CONTENTS

---

Verify that all components are present and in good condition upon unpacking:

- Hanchen 1800W Low Lying Fog Machine
- Wireless Remote Control
- Power Cable
- User Manual (this document)
- Flexible Fog Output Hose (if included)

### 4. SETUP

---

Follow these steps to set up your fog machine for first use:

1. **Placement:** Position the fog machine on a stable, level surface in the desired location. Ensure there is sufficient space around the unit for ventilation. The unit is equipped with four smooth-rolling casters for easy maneuverability.
2. **Fill Water Tank:** Open the water tank cover lock. Fill the internal water tank with clean, distilled water up to the indicated maximum level.
3. **Add Fog Fluid:** Place the fog fluid bottle (containing water-based fog fluid) into the designated compartment. The submersible pump will draw fluid directly from the bottle. Ensure the pump is fully submerged in the fog fluid.
4. **Secure Cover:** Close and secure the water tank cover lock to prevent leaks and ensure proper fog production.
5. **Connect Power:** Plug the power cable into the machine's power connector, then into a grounded electrical outlet.
6. **Warm-up:** Turn on the power switch. The machine will begin its warm-up cycle, indicated by the LED display. This typically takes approximately 3 minutes. The machine is ready for operation when the display indicates "Ready" or a similar status.

# Innovative

## Submersible Pump Design

- Forget messy refills and complicated setups!
- The submersible water pump draws fog fluid directly from the bottle it comes in



**No dry ice needed,  
Just water and fog juice**

Image: The Hanchen Low Lying Fog Machine showcasing its innovative submersible pump design. This design allows the machine to draw fog fluid directly from its bottle, simplifying refills and reducing mess. It also highlights the water-based operation, eliminating the need for dry ice.

# Rapid 3-Minute Heat-Up & Continuous Fog

1-Touch preheat, gets you stage-ready faster



**Continuous Fog**

Image: The control panel of the Hanchen Low Lying Fog Machine, illustrating the rapid 3-minute heat-up time and its capability for continuous fog output. The image shows the LED display, input/output ports, and power switch, with fog emanating from the output hose.

# Auto Shut-Off & Scratch-Resistant Finish

Built to last, engineered for durability and safety



Image: A side view of the Hanchen Low Lying Fog Machine, highlighting its durable, scratch-resistant finish and the auto shut-off feature for safety and longevity. The machine is shown with its casters, indicating its mobile design.

## 5. OPERATING INSTRUCTIONS

The Hanchen 1800W Low Lying Fog Machine offers three control methods:

### 5.1. Manual Control (Panel Buttons)

Use the buttons on the machine's control panel for direct operation:

- **MENU:** Access various settings.
- **UP/DOWN:** Navigate through menu options or adjust values.
- **ENTER:** Confirm selections.
- **FOG Button:** Press to initiate fog output. Press again to stop.

## 5.2. Wireless Remote Control

The included wireless remote provides convenient control from a distance:

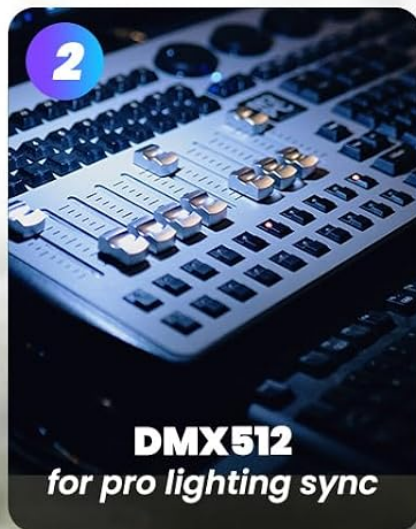
- **Start/Stop Fogging Button:** Activates or deactivates fog output.
- **Increase Button:** Increases fog output volume or duration.
- **Decrease Button:** Decreases fog output volume or duration.
- **Set Fog Duration/Volume Button:** Allows adjustment of fog parameters.

# 3-Way Control

Panel/DMX/Remote



**1**  
**Manual Keys**  
for simplicity



**2**  
**DMX512**  
for pro lighting sync



**3**  
**Wireless Remote**  
for hands-free operation

Take command any way you want

Image: This image illustrates the three control methods for the Hanchen Low Lying Fog Machine: manual keys on the control panel, DMX512 for professional lighting synchronization, and a wireless remote for hands-free operation. Each control option is clearly depicted.

### 5.3. DMX512 Control

For professional setups, the machine can be integrated into a DMX512 lighting system:

- Connect a DMX cable from your DMX controller to the machine's DMX IN port.
- Set the DMX address on the machine's control panel according to your DMX system's configuration. Refer to your

DMX controller's manual for specific addressing instructions.

- The machine typically uses one or more DMX channels to control fog output intensity and duration. Consult the machine's DMX chart (usually found in a separate DMX supplement or advanced manual) for channel assignments.

## 5.4. Operation Tips

- Allow the machine to fully warm up before activating fog output for optimal performance.
- Monitor the fluid levels to ensure continuous operation. The auto shut-off feature will protect the machine if fluid levels become too low.
- For best low-lying fog effects, operate in an area with minimal air currents.

Your browser does not support the video tag.

Video: This video demonstrates the operation of the Hanchen 1800W Low Lying Fog Machine, showing how to set it up and activate the fog output. It provides a visual guide to the machine's functionality and the low-lying fog effect it produces.

Your browser does not support the video tag.

Video: A demonstration of the 1800W Ground Fog Machine's fog output, including its effect when combined with lighting. This video illustrates the density and spread of the fog, showcasing its potential for creating atmospheric effects.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your fog machine:

- **Cleaning:** After each use, especially if storing for an extended period, run a cleaning solution (distilled water mixed with a small amount of white vinegar, or a commercial fog machine cleaner) through the machine. This helps prevent clogs in the heating element and pump.
- **Exterior Cleaning:** Wipe the exterior of the machine with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Fluid Storage:** If not using the machine for a long time, drain any remaining fog fluid and water from the tanks. Store fog fluid in a cool, dark place.
- **Inspection:** Periodically inspect the power cord, plugs, and the machine's housing for any signs of damage.

## 7. TROUBLESHOOTING

If you encounter issues with your Hanchen 1800W Low Lying Fog Machine, refer to the following table:

Problem	Possible Cause	Solution
No fog output	Not warmed up No fog fluid or low level Pump clogged Power issue	Wait for warm-up indicator Refill fog fluid Run cleaning solution Check power connection and fuse
Weak fog output	Insufficient warm-up Low fluid level Incorrect fluid type Partial clog	Allow full warm-up Refill fog fluid Use recommended water-based fog fluid Run cleaning solution

Problem	Possible Cause	Solution
Machine not turning on	No power Blown fuse	Check power outlet and cable Replace fuse (refer to safety instructions)
Fog dissipates too quickly	Air currents Low-quality fog fluid	Operate in a less drafty area Use high-quality, long-lasting low-lying fog fluid

## 8. SPECIFICATIONS

Feature	Detail
Model	B0GK7YRGSQ
Power	1800W
Fog Type	Water-Based Low Lying Fog
Control Methods	Manual, Wireless Remote, DMX512
Warm-up Time	Approx. 3 minutes
Item Weight	23.1 pounds
Package Dimensions	23.6 x 14.7 x 12.3 inches

## 9. WARRANTY AND SUPPORT

For warranty information and technical support, please contact Hanchen customer service through the retailer where the product was purchased or visit the official Hanchen website. Please have your model number (B0GK7YRGSQ) and purchase date ready when contacting support.

Protection plans may be available for this product. Please refer to your purchase documentation for details on any extended protection plans you may have acquired.

