

Fansteck LED-500

Fansteck 500W Fog Machine with 12 LED Lights User Manual

Model: LED-500

1. INTRODUCTION

Thank you for purchasing the Fansteck 500W Fog Machine. This device is designed to produce a dense fog effect with integrated colorful LED lights, perfect for enhancing the atmosphere at parties, Halloween events, stage performances, and more. Please read this manual thoroughly before operation to ensure safe and proper use.

This fog machine features a powerful 500W heater, producing up to 2000 CFM (cubic feet per minute) of fog. It includes 12 colorful LED lights with various effects and can be controlled via wired or wireless remote. Its durable metal construction ensures longevity and portability.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in fire, electric shock, injury, or damage to the product or property. Keep this manual for future reference.

- For indoor and outdoor use, but protect from rain and moisture.
- Use only high-quality, water-based fog fluid. Do not use oil-based fluids or other liquids.
- Do not connect other devices not included in the package to the fog machine.
- Ensure the power supply matches the voltage requirements (240 Volts).
- Keep out of reach of children and pets.
- Do not touch the nozzle during operation, as it becomes very hot.
- Ensure adequate ventilation around the machine. Do not block air vents.
- Always unplug the machine before cleaning or refilling the fluid tank.
- If the machine malfunctions, unplug it immediately and contact customer support.
- Do not operate if the power cord is damaged.
- Allow the machine to cool down completely before storing.

3. PACKAGE CONTENTS

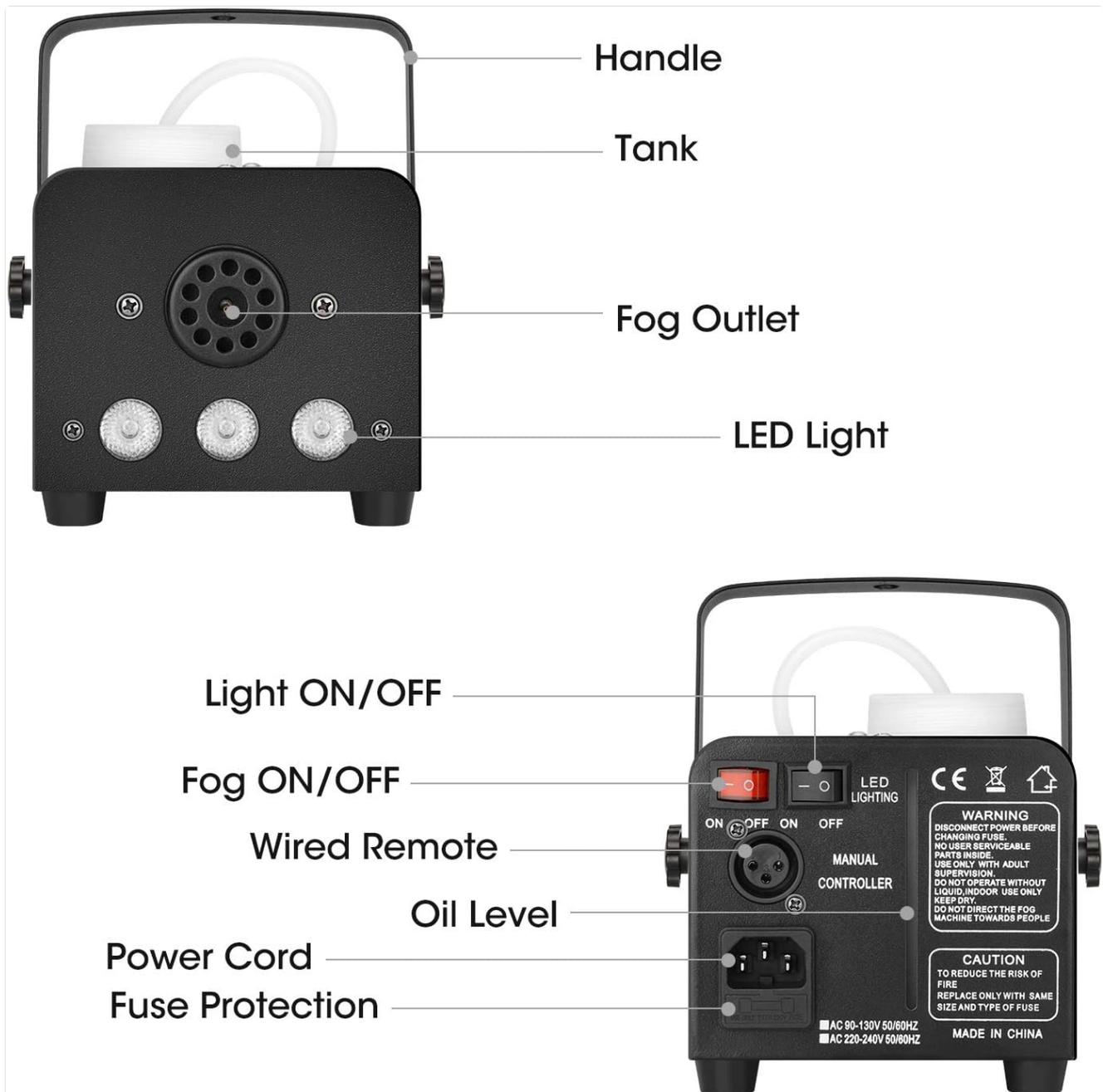
Verify that all items are present in the package:

- Fansteck 500W Fog Machine
- Wired Remote Control
- Wireless Remote Control
- Power Cable
- Handle/Mounting Bracket
- User Manual (this document)

4. PRODUCT OVERVIEW



Front view of the Fansteck 500W Fog Machine, showing the fog outlet and three LED lights. The machine is black with "12 COLORS" printed on the side. A wired remote and a wireless remote are also visible.



Detailed diagram illustrating the main components of the fog machine, including the handle, fluid tank, fog outlet, LED lights, power cord, fuse protection, oil level indicator, and connections for wired remote and power.

The Fansteck Fog Machine is designed for ease of use and robust performance. Key components include:

- **Fog Outlet:** Where the fog is emitted.
- **LED Lights:** Three integrated RGB LED lights for colorful effects.
- **Fluid Tank:** Reservoir for fog fluid.
- **Handle/Bracket:** For carrying or mounting the machine.
- **Power Cord Input:** Connects to the main power supply.
- **Wired Remote Input:** For connecting the wired control.
- **Power Switch:** Turns the machine on/off.
- **LED Lighting Switch:** Controls the LED lights.
- **Fuse Protection:** Built-in safety feature.

5. SETUP

1. **Unpack:** Carefully remove the fog machine and all accessories from the packaging.
2. **Placement:** Place the machine on a flat, stable, non-flammable surface. Ensure there is adequate space around the machine for ventilation (at least 20 cm on all sides). Do not place it directly on carpet or other soft surfaces that could block vents.
3. **Fill Fluid Tank:** Unscrew the cap of the fluid tank and carefully pour high-quality, water-based fog fluid into the tank. Do not overfill. Ensure the fluid level is always above the minimum indicator during operation.
4. **Connect Remote:**
 - For wired control: Plug the wired remote control into the "MANUAL CONTROLLER" port on the back of the machine.
 - For wireless control: The wireless remote is pre-paired. Ensure it has working batteries (not included for the wireless remote, check specifications for type).
5. **Connect Power:** Plug the power cord into a grounded electrical outlet. Ensure the voltage matches the machine's requirements (240V).



Visual guide for initial setup: 1. Connect power, 2. Turn on the switch, 3. Allow 2-3 minutes for preheating (light turns red), 4. Press the red button on the wired remote to emit fog.

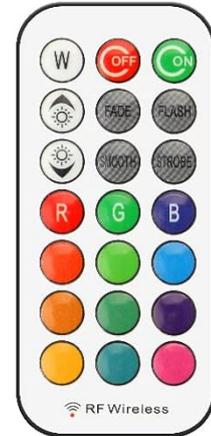
6. OPERATING INSTRUCTIONS

6.1 Initial Operation

1. **Power On:** Flip the main power switch on the back of the machine to the "ON" position.
2. **Preheating:** The machine will begin to preheat. This typically takes 2-3 minutes. The indicator light on the wired remote will turn red during preheating. Wait until the light turns green, indicating the machine is ready to produce fog.
3. **Emit Fog:**
 - **Wired Remote:** Press and hold the red button on the wired remote to emit fog. Release the button to stop.
 - **Wireless Remote:** Press the "ON" button on the wireless remote to emit fog. Press the "OFF" button to stop.
4. **Automatic Spray Mode (Wireless Remote):** Press the "AUTO MODE" button on the wireless remote. After preheating, the machine will spray fog continuously for 25 seconds, then automatically reheat and repeat the 25-second spray loop.

6.2 LED Light Control

The fog machine features 12 colorful RGB LED light effects. Use the wireless remote control to manage the lights.



The wireless remote control for the LED lights, showing buttons for various colors (R, G, B, W, and other color presets) and effects (STROBE, FADE, FLASH, SMOOTH).

- **Power On/Off:** Use the "ON" and "OFF" buttons for the lights.
- **Color Selection:** Press the individual color buttons (R, G, B, W, and other color presets) to select a static color.
- **Light Effects:**
 - **STROBE:** Flashing effect.
 - **FADE:** Colors smoothly transition.
 - **FLASH:** Rapid color changes.
 - **SMOOTH:** Gradual color changes.

Halloween Fog Machine



The Fansteck Fog Machine creating a blue fog effect with its LED lights, enhancing the atmosphere at a Halloween-themed gathering with children in costumes.

7. MAINTENANCE

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

- **Fluid Level:** Always ensure there is sufficient fog fluid in the tank during operation. Running the machine dry can cause damage to the pump.
- **Cleaning:**
 - After every 40 hours of continuous operation, or if the fog output seems reduced, it is recommended to clean the machine.
 - Empty any remaining fog fluid from the tank.
 - Fill the tank with a mixture of 80% distilled water and 20% white vinegar.
 - Run the machine in a well-ventilated area until the tank is empty. This helps to clear any residue buildup in the heating element and pump.
 - Refill with fresh fog fluid before next use.

- **Storage:** When not in use for extended periods, ensure the fluid tank is empty and the machine is clean. Store in a cool, dry place.
- **Fuse Replacement:** If the machine does not power on, check the fuse located near the power input. Replace with a fuse of the same type and rating if blown. (Refer to specifications for fuse type).

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No fog output / Machine not heating	No power; Blown fuse; Insufficient fluid; Clogged nozzle/pump; Overheating protection activated.	Check power connection; Replace fuse; Refill fluid tank; Perform cleaning procedure; Allow machine to cool down.
Weak fog output	Low fluid level; Clogged nozzle/pump; Incorrect fluid type.	Refill fluid; Perform cleaning procedure; Use only recommended water-based fog fluid.
Remote control not working	Remote not connected (wired); Dead batteries (wireless); Out of range (wireless).	Ensure wired remote is securely plugged in; Replace batteries in wireless remote; Operate wireless remote within 30 meters.
LED lights not working	LED switch off; Remote issue.	Ensure LED lighting switch is ON; Check wireless remote batteries.

If the problem persists after attempting these solutions, please contact Fansteck customer support for assistance.

9. SPECIFICATIONS

Feature	Detail
Model Number	LED-500
Power	500W
Voltage	240 Volts
Fog Output	Approx. 2000 CFM
Warm-up Time	2-3 minutes
Control Modes	Wired Remote, Wireless Remote, Auto Spray Mode
LED Lights	12 Colors RGB (3 LED lights) with STROBE, FADE, FLASH, SMOOTH modes
Material	Metal (Aluminum)
Product Dimensions	8.66"L x 4.72"W x 5.51"H
Item Weight	3.97 pounds (approx. 4 Pounds)
Wireless Remote Range	Up to 30 meters
UPC	030000569429

10. WARRANTY AND SUPPORT

Fansteck products are designed for durability and performance. For warranty information or technical support, please refer to the warranty card included with your purchase or visit the official Fansteck website.

For common questions and troubleshooting, please refer to the [User Manual \(PDF\)](#) available online. You can also visit the [Fansteck Store on Amazon](#) for more product information and support.
