

[Manuals.plus](#) /

› [Katomi](#) /

› [Katomi LED-1300 1300W Fog Machine with RGB Effect and Dual Remote Control User Manual](#)

## Katomi LED-1300

# Katomi LED-1300 1300W Fog Machine with RGB Effect User Manual

Model: LED-1300

## 1. INTRODUCTION

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Thank you for choosing the Katomi LED-1300 Fog Machine. This manual provides essential information for the safe and efficient operation, setup, maintenance, and troubleshooting of your device. Please read these instructions carefully before use and retain them for future reference.



Image 1.1: Katomi LED-1300 Fog Machine with accessories.

## 2. SAFETY INSTRUCTIONS

To ensure safe operation and prevent damage, please observe the following safety precautions:

- **Power Supply:** Ensure the power supply matches the voltage specified on the machine (AC220-230V 50/60Hz). Always use a grounded outlet.
- **Fog Liquid:** Use only high-quality, water-based fog liquid specifically designed for fog machines. Do not use flammable liquids or other substitutes.
- **Placement:** Place the machine on a stable, flat surface. Ensure adequate ventilation around the unit. Do not block air vents.
- **Clearance:** Maintain a minimum distance of 1 meter (3 feet) from the fog output nozzle to people, animals, and flammable materials.
- **Operation:** Do not operate the machine if the fog liquid tank is empty. This can cause damage to the pump.
- **Supervision:** Never leave the machine unattended during operation.
- **Children and Pets:** Keep the machine out of reach of children and pets.

- **Maintenance:** Disconnect from power before cleaning or performing any maintenance.
- **Damage:** If the power cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.

## 3. PRODUCT OVERVIEW

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### 3.1 Features

- **Powerful Output:** 1300W heating element for rapid fog production.
- **RGB LED Effect:** Integrated 6 LEDs with 13 color options (red, blue, green, cyan, fuchsia, yellow, white, and mixed colors) and adjustable speeds (flash, fade, smooth, strobe).
- **Dual Remote Control:** Includes both a wired remote control and two wireless remote controls for convenient operation within 10-15 meters.
- **Dual Switch Protection:** Separate switches for fog and light functions, allowing independent or combined operation and enhancing safety.
- **Large Capacity Tank:** 1.5-liter (1500ml) fog liquid tank provides approximately 60 minutes of continuous operation.
- **Wide Coverage:** Suitable for spaces of 40-60 square meters, with a spray distance of 3-8 meters.
- **Adjustable Handle:** The integrated handle can be adjusted 180 degrees for flexible positioning and transport.

### 3.2 Components

The package includes:

- Katomi LED-1300 Fog Machine
- Wired Remote Control
- 2x Wireless Remote Controls
- Power Cable
- User Manual



<b>Stromspannung</b>	<b>AC220-230V 50/60Hz</b>
<b>Tankinhalt</b>	<b>1500ml/0.32gal</b>
<b>Sprühabstand</b>	<b>3M-9.8ft</b>
<b>RC-Distanz</b>	<b>15M/49ft</b>
<b>Aufwärmzeit</b>	<b>Etwa 2-3 Minuten</b>



Image 3.1: Katomi LED-1300 Fog Machine dimensions and labeled parts.

## 4. SETUP

Follow these steps to set up your Katomi LED-1300 Fog Machine:

1. **Unpack:** Carefully remove the fog machine and all accessories from the packaging.
2. **Placement:** Place the machine on a stable, level, and heat-resistant surface. Ensure there is at least 1 meter of clear space around the fog output and ventilation areas.
3. **Fill Fog Liquid Tank:** Unscrew the cap of the liquid tank and carefully pour appropriate water-based fog liquid into the tank. Do not overfill. Ensure the cap is securely tightened after filling.
4. **Connect Wired Remote:** Plug the wired remote control cable into the designated port on the back of the fog machine.
5. **Connect Power:** Plug the power cable into the machine's power inlet, then connect the other end to a grounded electrical outlet.



Image 4.1: Visual guide for initial setup steps.

## 5. OPERATING INSTRUCTIONS

Once the machine is set up and filled with fog liquid, you can begin operation:

1. **Power On:** Flip the main power switch on the back of the machine to the 'ON' position.
2. **Warm-up:** The machine will begin to warm up. This typically takes approximately 2-3 minutes. The indicator light on the wired remote will illuminate when the machine is ready to produce fog.
3. **Wired Remote Operation:** Press the button on the wired remote control to emit fog. Release the button to stop.
4. **Wireless Remote Operation:** The wireless remote allows control of both fog and RGB lighting effects.
  - Press the 'ON' button to activate the machine (after main power switch is on).
  - Press the 'OFF' button to stop fog production.
  - Use the color buttons (R, G, B, and mixed colors) to select the desired LED light color.
  - Use 'FLASH', 'FADE', 'SMOOTH', 'STROBE' buttons to change light effects and speed.
  - The 'W' button may activate white light or a specific fog output.
5. **Automatic Mode:** If an 'AUTO FOG' button is present (as mentioned in some product descriptions), pressing it will initiate automatic heating and fog generation cycles.
6. **Cool Down:** After use, turn off the main power switch and allow the machine to cool down completely before storing.



Image 5.1: Wireless remote control and RGB light effects demonstration.

## 6. MAINTENANCE

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

- **Cleaning:** After each use, allow the machine to cool down. Wipe the exterior with a soft, dry cloth.
- **Liquid Tank:** If the machine will not be used for an extended period, empty any remaining fog liquid from the tank.
- **Internal Cleaning (Monthly/Quarterly):** To prevent clogs, periodically run a cleaning solution through the machine. This can be a specialized fog machine cleaner or a mixture of 80% distilled water and 20% white vinegar. Run this solution through the machine for a few minutes in a well-ventilated area, then follow with distilled water to rinse.
- **Storage:** Store the machine in a cool, dry place, away from direct sunlight and extreme temperatures.

## 7. TROUBLESHOOTING

If you encounter issues with your fog machine, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No fog output	Not warmed up; no fog liquid; clogged nozzle; pump malfunction.	Wait for warm-up indicator; fill tank; clean nozzle; contact support.
Weak fog output	Low liquid level; partial clog; insufficient warm-up.	Refill tank; perform internal cleaning; allow full warm-up.
Machine not powering on	No power; faulty cable; internal fuse.	Check power connection/outlet; inspect cable; contact support.

Problem	Possible Cause	Solution
Remote control not working	Wireless remote battery dead; wired remote disconnected; interference.	Replace wireless remote battery; check wired connection; reduce interference.

## 8. SPECIFICATIONS

Feature	Specification
Model Number	LED-1300
Power	1300W
Voltage	AC220-230V 50/60Hz
Product Dimensions (L x W x H)	33 cm x 20.4 cm x 13 cm (approx. 13 in x 8 in x 5.1 in)
Weight	4.02 kg (approx. 8.86 lbs)
Tank Capacity	1.5 Liters (1500ml)
Spray Distance	3-8 meters (9.8-26.2 ft)
Remote Control Distance	Wired: 10 meters; Wireless: 15 meters
Warm-up Time	Approx. 2-3 minutes
LED Lights	6 RGB LEDs, 13 color effects

## 9. FREQUENTLY ASKED QUESTIONS (FAQs)

**Q: What fog liquid should I use for the machine?**

A: The type of fog liquid depends on the desired effect: light, dense, or heavy fog. We do not provide these liquids. Please purchase according to the machine's requirements, ensuring it is a water-based fog fluid.

**Q: How do I maintain my fog machine?**

A: Allow the machine to cool after use. Use appropriate fog liquid and avoid running it dry. Rinse occasionally with distilled water or a specialized cleaning solution. Store in a cool, dry place.

**Q: What is the difference between light and heavy fog?**

A: Light fog is thin and dissipates quickly, while heavy fog is dense and lasts longer, creating a more dramatic effect.

## 10. WARRANTY AND SUPPORT

For any questions, technical assistance, or warranty claims, please contact the seller or manufacturer directly. Please have your purchase information and model number (LED-1300) available when contacting support.

