

## TCFUNDY 1500W Low Lying Fog Machine

# TCFUNDY 1500W Low Lying Fog Machine Instruction Manual

Model: 1500W Low Lying Fog Machine

## 1. IMPORTANT SAFETY INFORMATION

Please read and understand all safety instructions before operating this device. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Electrical Safety:** Ensure the power supply matches the voltage requirements specified on the unit. Always connect to a grounded outlet. Do not operate with a damaged power cord or plug. Disconnect power before cleaning or servicing.
- **Fluid Handling:** Use only water-based fog fluid specifically designed for low-lying fog machines. Do not use flammable liquids, oil-based fluids, or any other unauthorized substances. Always use pure water for the water tank. Avoid direct contact with fog fluid; if contact occurs, wash thoroughly with soap and water.
- **Placement and Ventilation:** Place the machine on a stable, level surface. Ensure adequate ventilation around the unit to prevent overheating. Do not block ventilation openings. Keep the machine away from heat sources, open flames, and flammable materials.
- **Operation:** Do not point the fog output directly at people or animals. Avoid inhaling fog directly. Do not operate the machine if the fluid tank is empty. Allow sufficient warm-up time before operation.
- **Children and Pets:** Keep the machine out of reach of children and pets.

## 2. PRODUCT OVERVIEW

The TCFUNDY 1500W Low Lying Fog Machine is designed to produce dense, ground-hugging fog for various applications. It utilizes water-based fog fluid and pure water to create a mysterious atmosphere.

### Key Features:

- 1500W heating element for rapid fog production.

- Produces 18000 CFM (cubic feet per minute) of fog.
- 2L fluid tank capacity for extended operation.
- Water-based system for low-lying fog.
- Multiple control options: Wireless Remote, DMX 512, and Manual Control.
- Advanced alnic pipe technique to prevent clogging.
- Durable aluminum and iron body with cooling fan and overheating protection.

## Component Diagram:



This diagram illustrates the main components of the fog machine, including the fluid tank, handle, cooling fan, fog outlet, operation menu display, power switch, power cord socket, DMX connector, and wheels. The wireless remote control is also shown with its functions.

## 3. PACKAGE CONTENTS

Please check the package contents upon receipt to ensure all items are present and undamaged:

- TCFUNDY 1500W Low Lying Fog Machine
- Fog Output Tube

- Wireless Remote Control
- Power Cable
- User Manual (this document)

## 4. SETUP INSTRUCTIONS

Follow these steps to set up your TCFUNDY Low Lying Fog Machine:

1. **Install the Smoke Pipe:** Open the accessory package and securely install the flexible smoke pipe to the fog outlet on the machine. Ensure it is tightly fastened to prevent leaks.
2. **Add Fog Fluid:** Pour professional water-based fog fluid (not included) into the fluid tank. Do not overfill. Tighten the tank cap securely.
3. **Add Pure Water:** Open the smoke machine cover and pour pure water into the designated water reservoir. Using pure water is recommended for optimal performance and fog density.
4. **Connect Power and Warm-Up:** Plug the power cord into a grounded electrical outlet. Press the "ON" switch on the machine. The machine will begin to warm up. Wait approximately 3-5 minutes for the machine to reach operating temperature. The display will indicate when it is ready.

## How to Use a Smoke Machine

1

Open the accessory package and install the smoke pipe



2

Pour professional smoke agent (not included) into the tank and tighten the tank cap



3

Open the smoke machine cover and pour in water (purified water is recommended)



5

Press the button on the remote control to emit smoke. Release the button to pause. (Smoke effect)



4

Plug in the power cord and press the "On" switch. Wait for about 3-5 minutes for the smoke machine to warm up



This image illustrates the setup process: installing the fog tube, adding fog fluid, adding pure water, and connecting power for warm-up.

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## 5. OPERATION

The TCFUNDY Low Lying Fog Machine offers multiple control methods:

### **Manual Control:**

Once the machine has warmed up, use the control panel on the unit to activate fog output. Refer to the display for operational status.

### **Wireless Remote Control:**

The included wireless remote allows for convenient operation from a distance. Press the designated button on the remote to emit fog. Release the button to pause fog production.

### **DMX 512 Control:**

For professional applications, the machine can be controlled via a DMX 512 console. Connect a DMX cable from your console to the DMX input on the fog machine. Consult your DMX console's manual for specific programming instructions to control the fog output.

# Convenient Operation

Via wireless remote control, manual control, DMX console



This image demonstrates the three control methods: manual control via the machine's panel, wireless remote control, and DMX console control.

## 6. MAINTENANCE

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

### Cleaning:

- After each use, ensure the fluid tank is not completely empty. If the fluid level is low, turn off the machine before it runs dry.
- Periodically clean the exterior of the machine with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- To prevent clogging, it is recommended to run a cleaning solution (distilled water or a specialized fog machine cleaner) through the system every few months, or after prolonged periods of inactivity.

### Storage:

When storing the machine for extended periods, ensure the fluid tank is drained and the machine is clean and dry. Store 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:

- **No Fog Output:**

- Check if the machine has completed its warm-up cycle (allow 3-5 minutes).
- Ensure there is sufficient fog fluid in the tank and pure water in the water reservoir.
- Verify that the tube sensing the fog juice is properly submerged and not obstructed.
- Check power connection and ensure the power switch is ON.

- **Weak Fog Output:**

- Ensure you are using high-quality water-based fog fluid and pure water.
- The machine might not be fully warmed up. Allow more time.
- Check for any blockages in the fog output nozzle or tube.

- **Machine Not Heating:**

- Verify power connection and ensure the power switch is ON.
- If the machine has an overheating protection system, it might have activated. Allow the unit to cool down before attempting to restart.

If problems persist after attempting these solutions, please contact customer support.

## 8. SPECIFICATIONS

Technical specifications for the TCFUNDY 1500W Low Lying Fog Machine:

Feature	Specification
Power	1500W
Tank Capacity (Fog Fluid)	2 Liters (4.5 Liters mentioned in some images, using 2L from feature bullets)
Voltage	AC 110V 60Hz
Warm-Up Time	3-5 minutes
Output	18000 CFM (cubic feet per minute)
Output Distance	9-16 ft / 3-5 m
Control Modes	Remote Control, LCD screen (Manual), DMX
Item Weight	21 pounds
Package Dimensions	22.6 x 14 x 9.9 inches

Power	1500W
Tank Capacity	4.5L
Voltage	AC 110v 60Hz
Warm-Up Time	3-5 minutes
Output	30000 CFM (cu.ft/min)
Output Distance	9-16ft/3-5m
Control Mode	Remote Control/LCD screen/DMX



This image provides a visual summary of the machine's key specifications and dimensions.