



**ElektraFog & ElektraFog +
Manual**

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Introduction

Thank you for choosing an Elektralite Fog Machine. You now own a rugged and powerful machine. Prior to use, please carefully read all of the instructions. By following the suggestions found in this user manual, you can look forward to reliable performance of your Elektralite Fog Machine for years to come.

Please follow these operation, safety and maintenance instructions to ensure a long and safe life for your fog machine.

Cautions

Danger of Electric Shock

- Keep the Fog machine dry.
- For inside use only. **Not** designed for outside use.
- Use 3-prong grounded electrical outlet only. Prior to use take care to determine that the unit is installed at the correct voltage (120 volt).
- Always unplug your Fog machine before filling the tank.
- Keep fog machine upright.
- Turn off or unplug the fog machine when not in use.
- This machine is not water or splash proof. If moisture, water, or fog liquid gets inside the housing, immediately unplug the unit and contact a service technician or your **Elektralite** dealer. Do **not** use until it has been checked and if necessary repaired.
- No user serviceable parts inside. Refer to your **Elektralite** dealer or other qualified service personnel.

Danger of Burns

- For adult use only. Fog machine must be installed out of the reach of children. Never leave the unit running unattended.
- Never aim the output nozzle directly at people.
- Fog machine output is very hot. Avoid coming within 2 feet (60 cm) of the output nozzle during operation. The nozzle is very hot.
- Locate the fog machine in a well-ventilated area. Never cover the unit's vents. In order to guarantee adequate ventilation, allow a free air space of at least 8 inches (20 cm) around the sides and top of the unit.
- Never aim the output nozzle at open flames.
- The output nozzle becomes very hot during operation (300 degrees Centigrade). Keep flammable materials at least 20 inches (50 cm) away from the nozzle.
- Always allow your **Elektralite** Fog Machine to cool down before attempting to clean or service it.

Danger of Explosion

- Never add flammable liquids of any kind (oil, gas, **perfume**) to the fog liquid.

Pay attention to all warning labels and instructions printed on the exterior of your Elektralite Fog Machine

- Use only **Elektralite** high-quality, water-based fog fluid. Using other fog fluids will **invalidate your warranty** and may cause the heater block to clog or cause hot fluid to "spit" out of the nozzle. This is extremely dangerous.

- Always make sure there is sufficient fog fluid in the Tank. **Operating this unit without fluid cause damage to the pump as well as over-heating of the heater block. Do not leave your elektrafog on for long periods of time without using it.**
- If your **Elektralite** Fog Machine fails to work properly, discontinue use immediately. Contact the dealer you purchased the machine from for after sales service. If you are required to return the machine for repair, then drain all fog fluid from the tank, and pack the unit securely in the **original packing material**. Failure to do this could result in the machine being physically damaged in transit or fluid being deposited into the machine. Both of which are not covered by the warranty.
- Always drain tank before shipping this unit.
- Never drink fog fluid. If it is ingested, call a doctor immediately. If fog liquid comes in contact with skin or eyes, rinse thoroughly with water. Please keep the fluid out of reach of children and animals. Mop up any spills immediately.

Unpacking & Inspection

Open the shipping carton and verify that all equipment necessary to operate the system has arrived intact. Refer to the "**Features**" section for information on what items are included with your **Elektralite** fog machine. If any equipment is missing contact your **Elektralite** dealer immediately.

Before beginning initial setup of your **Elektralite** Fog Machine, make sure that there is no evident damage caused

by transportation. In the event that the unit's housing or cable is damaged, do not plug it in and do not attempt to use it until after contacting your **Elektralite** dealer for assistance.

Setup

- Remove all packing materials from shipping box. Check that all foam and plastic padding is removed, especially in the nozzle area.
- Place fog machine on a flat surface and remove fog fluid tank cap.
- Fill with **Elektralite** Fog liquid. Any other types of fluid can damage the unit. When filled, place cap back on liquid tank.
- Firmly attach the remote control cable to the proper input on the rear of the machine if using the remote included in the shipment. If using the DMX input please refer to the **DMX section** in this manual. The **Elektralite** fog machine must have either the remote plugged in or a DMX signal actively coming to it for the machine to heat up. No signal then no heater will be turned on. The power on switch merely provides the machine with power, it does not initiate the heater block to heat up without a DMX or remote signal.

Operation

- Plug the power cord into a grounded electrical outlet. Turn the power switch on the rear of the unit to "ON" position. Warm-up is complete when the green lamp lights up on remote unit.

- To emit fog, press the appropriate button on the remote for the desired length of time. See Remote control operation section or DMX section.
- The remote control's lamp will cycle on and off as the machine automatically turns on and off the heater to heat the fluid to within the operational temperature range of the heater block.
- For further information on operating your **Elektralite Fog Machine**, see the section entitled, "Remote Control Operation".

Important: Always monitor tank fluid level as you are fogging. Running a fog machine with no fluid can permanently damage the unit.

If you experience low output, pump noise or no output at all, unplug immediately. Check fluid level, the external fuse, remote connection, and power from the wall. If all of the above appears to be O.K., plug the unit in again. If fog does not come out after holding the remote button down for 15 to 20 seconds, check the hose attached to the tank to make sure that there is fluid going through the hose. Sometimes it may be necessary to check the hose to make sure that it is in the fluid. As the fluid is used up, the hose can come out of the fluid reservoir. If none of the above resolves your problems or you are unable to determine the cause of the problem, do not simply continue pushing the remote button, as this may damage the machine. Contact your **Elektralite** dealer.

Remote Control Operation

- If you are using the supplied remote control, plug the remote into the 4 pin female connector at the back of the fog machine. Then turn on the machine. Immediately upon turn on, the center red LED will come on. Please now wait approximately 5 to 6 minutes for the block to heat up. The right hand side LED will come on (colored green) when the block has reached its operating temperature.
- Press the manual button and fog will be emitted from the front nozzle of the machine. If there is a loud vibration noise from the fog machine, this is probably because there is no fluid getting to the pump. Providing the tubing in the tank is actually in the fluid, then the pump will pull the fluid through the pump at which time the pump will stop vibrating. If this has not occurred within 20 to 30 seconds, then stop pressing the manual button and check to see if there are any breaks or blockages in the tubing which is stopping the fluid from reaching the pump.
- The manual button is a momentary button. If you release the button the output ceases immediately. The other two buttons (timers on/off and continuous fogging) are latch on or off buttons. A single press turns the button on and a second will turn it off.
- Timers on/off. Yellow button with a corresponding yellow LED giving an indication of when this button is on. This button is used as the switch for turning on the automatic features of the fog machine. It is

used in conjunction with the three rotary dials. The dials alter the following:

Output: amount of fog created. Turn the dial clockwise to increase the fog output.

Duration: is the amount of time the output is turned on. Turning the dial clockwise increases the amount of time the output is sustained.

Interval: is the time between the output of fog. If a longer interval is required between duration then the dial should be turned clockwise.

Having set up the three rotary dials for the time desired, the timers on/off button should be latched on, in order for the fog to output.

- Please make sure that the timers on/off button is off while the machine is heating up. If you don't, the machine will immediately and automatically start outputting fog as soon as it has reached its operating temperature.
- Continuous fogging button. While the manual button gives instant maximum fog output (regardless of the position of the output dial), the Continuous fogging button's output is governed by the output dial. So, if a minimum amount of fog is required, set the output dial to minimum and press continuous fogging button. Please remember that this is a latching button.

DMX Control

- The fog machine can be controlled by using the DMX Input instead of the normal remote input. DMX is a digital signal widely used in stage lighting

If your **Elektralite** fogger is the last 'fixture' on the line, do not forget to fit a terminator.

- To set the DMX channel address, use the dip Switches situated to the right of the connectors. Move either a single dip switch or multiple switches to the 'on' position to give you the correct dmX address. For example, to set to channel 25; turn on dip switches 5,4 and 1 (Combined the dmX channel values together of $16+8+1=25$).

Performance Notes

- All fog machines develop condensation around the output nozzle. Because this may result in some moisture accumulation on the surface below the output nozzle, consider this condensation when installing your unit.
- All fog machines may splutter small amounts of fog occasionally during operation and for a minute or so after being turned off.
- All fog machines have a recycling period after long bursts. The machine will 'shut itself down' for a short period in order to heat back up. During this time no fog can be produced. The green "READY" LED on the remote will be off during this time and will light up again when the machine is ready.

Save

- These instructions.
- The box and packing material.
- The serial number in a safe place.
- Register your fogger at www.myelektralite.com For warranty and any update information.