



TurboHazer Manual



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Introduction

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

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

Cautions

Danger of Electric Shock

- Keep the TurboHazer dry.
- For inside use only. **Not** designed for outside use.
- Use a 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 TurboHazer before filling the tank.
- Keep the TurboHazer machine upright.
- Turn off or unplug the TurboHazer when not in use.
- The TurboHazer is not water or splash proof. If moisture, water, or haze 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 cleaned, 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. The TurboHazer must be installed out of the reach of children. Never leave the unit running unattended.
- Never aim the output vent directly at people.
- Locate the TurboHazer 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 vent at open flames.
- Keep flammable materials at least 20 inches (50 cm) away from the output vent.

Danger of Explosion

- Never add flammable liquids of any kind (oil, gas, perfume) to the haze fluid.

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

- Use only **Elektralite** high-quality, water-based fog fluid. It is made for the TurboHazer so the pump and other internal parts will work correctly. Using other haze or fog fluids will **invalidate your warranty** and may cause the pump or other parts to clog or cause fluid to "spit" out of the output vent. This is **extremely dangerous!!!!!!!!!!**
- Always make sure there is sufficient haze fluid in the tank. Operating this unit without fluid will cause damage to the pump as well as over-heating of other critical and expensive parts.

- If your **Elektralite** TurboHazer 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 TurboHazer for repair, then drain all haze fluid from the tank, and pack the unit securely in the **original packing material**. Failure to do this could result in the TurboHazer being physically damaged in transit or fluid being deposited into the machine. Both of which are **not** covered by the warranty.
- Always drain the tank before shipping this unit.
- Never drink haze fluid. If it is ingested, call a doctor immediately. If haze 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.
- Get an **Return Authorization** number before sending your TurboHazer in for repair or evaluation. Failure to do so will mean a shipment rejection and return to sender of the TurboHazer.

Unpacking & Inspection

Open the shipping carton and verify that all equipment necessary to operate the system has arrived intact. Included with your **Elektralite** TurboHazer should be a power cable and remote controller. If any equipment is missing contact your **Elektralite** dealer immediately. Before beginning initial setup of your **Elektralite** TurboHazer, 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 the shipping box. Check that all foam and plastic padding is removed, especially in the output vent area.
- Place the TurboHazer on a flat surface and remove the haze fluid tank cap.
- Fill with **Elektralite** haze liquid. Any other types of fluid can damage the TurboHazer. When filled, screw the cap down firmly.
- Firmly attach the remote control cable to the proper input on the rear of the machine. The remote is included in the shipment. If using DMX input, please refer to the **DMX section** in this manual. The **Elektralite** TurboHazer **must** have the remote plugged in for the machine to boot up correctly. The 'power-on' switch merely provides the machine with power, it does not initiate the internal electronics to start up. You must plug in the remote control.

Operation

- Plug the power cord into a **grounded** electrical outlet. Turn the power switch on the rear of the unit to the "ON" position. Start-up is complete when green lamp lights up on remote unit and the led flashes green on the back of the TurboHazer. This will take several minutes.
- To emit haze, press the appropriate button on the remote for the desired length of time. See Remote control operation section, for exact details.
- The remote control's lamp will cycle on and off as the machine automatically turns on and off the internal electronics to within the operational temperature range for the TurboHazer.
- For further information on operating your **Elektralite** TurboHazer, see the section entitled, "Remote Control Operation".

Important: Always monitor tank fluid level as you are using your TurboHazer. Running a TurboHazer with no fluid **can permanently damage** the unit.

If you experience low output, the LED on the back of the TurboHazer will flash red. Check fluid level, immediately. If haze does not come out after holding the remote button down for 15 to 20 seconds, check the fluid level and float inside the tank. If there is fluid in the tank the float should be floating. If the problem cannot be resolved, do not simply continue pushing the remote button, as this may damage the machine. Contact your **Elektralite** dealer.

Remote Control Operation

- The supplied remote control plugs into the female connector at the back of the TurboHazer. Then turn on the TurboHazer. Immediately upon turn on, the center red LED will come on. Please now wait approximately 5 to 6 minutes for the TurboHazer to set itself up. The right hand side LED will come on (colored green) when the TurboHazer is ready to be operated.
- Press the manual button and haze will be emitted from the front of the machine. If there is a loud vibration noise from the TurboHazer, this is probably because there is no fluid getting to the pump. Make sure there is fluid in the tank. If the vibration noise has not stopped within 15 to 20 seconds, then stop pressing the manual button and look inside the tank to see if there is anything blocking the float at the bottom of the tank.
- The manual button is a momentary button. If you release this 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 press will turn it off.
- Timers on/off. A yellow button with a corresponding yellow LED gives an indication of when this button is on. This button is used as the switch for turning on the automatic features of the TurboHazer. It is

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

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

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

Interval: is the time between the output of haze. 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 haze to output.

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

DMX Control

- The TurboHazer can be controlled by using a DMX input instead of the normal remote control input. DMX is a digital signal widely used in stage lighting. The standards are laid down by the United States

Institute of Theater Technology. For DMX operation you will need the optional Elektrahaze control kit. See your local Elektralite dealer or check out our website (www.myelektralite.com) for further details. It is a worthwhile addition to your TurboHazer.

Performance Notes

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

Save

- These instructions.
- The box and packing material.
- The serial number in a safe place.