

ELIMINATOR[®]

LIGHTING



Caution: Fog machines may set off smoke alarms!

MISTER KOOL EP

User Instructions

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Europe Energy Saving Notice

Energy Saving Matters (EuP 2009/125/EC)

Saving electric energy is a key to help protecting the environment. Please turn off all electrical products when they are not in use. To avoid power consumption in idle mode, disconnect all electrical equipment from power when not in use. Thank you!

DOCUMENT VERSION

Due to additional product features and/or enhancements, an updated version of this document may be available online.

Please check <https://www.adj.com/eliminator-lighting> for the latest revision/update of this manual before beginning installation and/or programming.

Date	Document Version	Notes
10/31/2023	1	Initial Version

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GENERAL INFORMATION

INTRODUCTION

Please read and understand all instructions in this manual carefully and thoroughly before attempting to operate these products. These instructions contain important safety and use information.

UNPACKING

The products in this kit have been thoroughly tested and have been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect each unit included for damage and be sure all accessories necessary to operate the units have arrived intact. In the event damage has been found or parts are missing, please contact our customer support team for further instructions. Please do not return this kit to your dealer without first contacting customer support at the number listed below. Please do not discard the shipping carton in the trash. Please recycle whenever possible.

CUSTOMER SUPPORT

ADJ SERVICE USA - Monday - Friday 8:00am to 4:30pm PST

Voice: 800-322-6337 | Fax: 323-582-2941 | support@adj.com

ADJ SERVICE EUROPE - Monday - Friday 08:30 to 17:00 CET

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WARRANTY RETURNS

All returned service items whether under warranty or not, must be freight pre-paid and accompany a return authorization (R.A.) number. The R.A. number must be clearly written on the outside of the return package. A brief description of the problem as well as the R.A. number must also be written down on a piece of paper and included in the shipping container. If the unit is under warranty, you must provide a copy of your proof of purchase invoice. Items returned without a R.A. number clearly marked on the outside of the package will be refused and returned at customer's expense. You may obtain a R.A. number by contacting customer support.

LIMITED WARRANTY (USA ONLY)

- A. Eliminator Lighting, an ADJ Products, LLC brand, hereby warrants, to the original purchaser, ADJ Products, LLC products to be free of manufacturing defects in material and workmanship for a prescribed period from the date of purchase (see specific warranty period on reverse). This warranty shall be valid only if the product is purchased within the United States of America, including possessions and territories. It is the owner's responsibility to establish the date and place of purchase by acceptable evidence, at the time service is sought.
- B. For warranty service, you must obtain a Return Authorization number (RA#) before sending back the product-please contact ADJ Products, LLC Service Department at 800-322-6337. Send the product only to the ADJ Products, LLC factory. All shipping charges must be pre-paid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, ADJ Products, LLC will pay return shipping charges only to a designated point within the United States. If the entire instrument is sent, it must be shipped in its original package. No accessories should be shipped with the product. If any accessories are shipped with the product, ADJ Products, LLC shall have no liability whatsoever for loss of or damage to any such accessories, or for the safe return thereof.
- C. This warranty is void if the serial number has been altered or removed; if the product is modified in any manner which ADJ Products, LLC concludes, after inspection, affects the reliability of the product, if the product has been repaired or service by anyone other than ADJ Products, LLC factory unless prior written authorization was issued to purchaser by ADJ Products, LLC; if the product is damaged because not properly maintained as set forth in the instruction manual.
- D. This is not a service contract, and this warranty does not include maintenance, cleaning or periodic check up. During the period specified above, ADJ Products, LLC will replace defective parts at its expense with new or refurbished parts, and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of ADJ Products, LLC under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of ADJ Products, LLC. All products covered by this warranty were manufactured after August 15, 2012, and bear identifying marks to that effect.
- E. ADJ Products, LLC reserves the right to make changes in design and/or improvements upon its products without any obligation to include these changes in any products theretofore manufactured.
- F. No warranty, whether expressed or implied, is given or made with respect to any accessory supplied with products described above. Except to the extent prohibited by applicable law, all implied warranties made by ADJ Products, LLC in connection with this product, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. And no warranties, whether expressed or implied, including warranties of merchantability or fitness, shall apply to this product after said period has expired. The consumer's and/or Dealer's sole remedy shall be such repair or replacement as is expressly provided above; and under no circumstances shall ADJ Products, LLC be liable for any loss or damage, direct or consequential, arising out of the use of, or inability to use, this product.
- G. This warranty is the only written warranty applicable to ADJ Products, LLC Products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

LIMITED WARRANTY PERIODS

- **All Eliminator Lighting products (except laser diodes) = 1-year (365 days) Limited Warranty** (Such as: Special Effect Lighting, Intelligent Lighting, UV lighting, Strobes, Fog Machines, Bubble Machines, Mirror Balls, Par Cans, Trussing, Lighting Stands etc. excluding LED and lamps)
- **Laser Products = 1 Year (365 Days) Limited Warranty** (excludes laser diodes which have 6 month limited warranty)
- **Batteries = 180 Day Limited Warranty** (excluding batteries which have a 180 day limited warranty)

SAFETY GUIDELINES

For Your Own Personal Safety, Please Read and Understand This Manual Completely Before You Attempt To Install Or Operate This Unit!

This fixture is a sophisticated piece of electronic equipment. To guarantee smooth operation, it is important to follow all instructions and guidelines in this manual. Eliminator is not responsible for injury and/or damages resulting from the misuse of this fixture due to the disregard of the information printed in this manual. Only qualified and/or certified personnel should perform installation of this fixture, and only the original rigging parts included with this fixture should be used for installation. Any modifications to the fixture and/or the included mounting hardware will void the original manufacturer's warranty and increase the risk of damage and/or personal injury.

- In the event that the unit needs to be returned to ADJ Products, LLC for service, use only the original packaging and materials for shipping.
- To reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.
- Do not spill water or other liquids into or onto your device.
- Ensure that the fog fluid is contained inside the fluid reservoir only. Do not spill fog fluid into or onto other internal components of the device.
- Ensure that the power outlet used matches the device's required voltage.
- Do not remove the cover for any reason. There are no user serviceable parts inside this device!
- Disconnect the unit from main power when left unused for long periods of time.
- Never connect this device to a dimmer pack.
- Do not attempt to operate this unit if it has been damaged in any way.
- Never operate this unit with the cover removed.
- Do not attempt to operate this unit if the power cord has been frayed or broken.
- Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in the event of an internal short.
- Disconnect from main power before attempting to make any type of connection.
- Never block the ventilation holes, and always be sure to mount this unit in an area that will allow proper ventilation. Allow at least 6" (15cm) clearance between this device and a wall.
- This unit is intended for indoor use only, and use of this product outdoors voids all warranties.
- Always mount this unit in a safe and stable manner.
- Please route your power cord out of the path of foot traffic. Power cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them.
- The fixture should be serviced by qualified service personnel when:
 - A. The power-supply cord or the plug has been damaged.
 - B. Objects have fallen onto, or liquid has been spilled into, the unit.
 - C. The unit has been exposed to rain or water.
 - D. The unit does not appear to operate normally or exhibits a marked change in performance.

OVERVIEW

Ice Hopper Chiller Box Lid



Fog Emitter

12' Wired Remote: On/Off, Continuous & Manual Buttons, & Interval & Duration Output Potentiometers

Reservoir



Water Drainage System

Fan

SETUP

1. Open the shipping carton and carefully remove the unit. Be sure to remove all the packing material, paying particular attention to the area around the nozzle.
2. Set the machine on a flat dry surface and unscrew the knob on the top of the unit. Open the top of the unit, and fill the inside of the Mister Kool EP with ice.
3. Remove the reservoir cap located on the top of the machine.
4. Fill the Mister Kool EP reservoir with ADJ brand fog juice only, then replace the cap.
5. Insert the water tube into the water bag. When the ice melts, the water will drain into the bag.
Note: The tube needs to be inserted to the water drainage bag and the water valve located on the back of the unit. Ensure that the valve is in the open position with the handle parallel to the valve.
6. Remove the remote control from the carton. Firmly plug the remote control into the remote control socket located on the rear unit.
7. Plug the unit into a matching power supply and flip the power switch to the on position.
8. Follow the operating instructions on the next page for proper remote operation.

Always be sure to maintain an adequate supply of ADJ® Brand Fog juice™ in the fluid reservoir. Running the fog machine dry will cause pump failure and or clogging. This is the most common cause of failure in fog machines.



Uses Standard Water Based Fog Juice and Ice Cubes, Load up to 4 Pounds of Ice in the Chiller Box



Water Drainage Valve System Allows for Easy Clean-Up. Water Drains Directly into the Provided Plastic Bag

OPERATION

When initially powered on or when refilling the fog fluid, the unit will require approximately 3 minutes to warm up. Once warmed up, follow the instructions below for ground fogger operation.

Remote: The remote allows manual or timer-based operation. The “on/off” button on the remote activates the timer function. A yellow LED above the button lights up when the timer function is enabled.

Continuous: The remote features a red “Continuous” button for continuous fog output. Fog will emit as long as this button is pressed. A red LED above this button indicates continuous operation.

Manual: The green button on the remote allows manual control of fog output. Fog will emit while this button is held down, and a green LED above this button will illuminate when the machine is warmed up and ready to produce fog.

Timer: To activate the timer function, press the yellow timer button on the remote. A yellow LED will indicate the timer function is active. The “duration” knob adjusts the fog burst length, while the “interval” knob controls the time between bursts. Clockwise rotation increases the values, while counterclockwise rotation decreases them.



CLEANING, & MAINTENANCE

WARNING! DISCONNECT UNIT FROM POWER BEFORE PERFORMING ANY CLEANING OR MAINTENANCE PROCEDURES!

ALWAYS ALLOW THE FIXTURE TO COOL FOR AT LEAST 15 MINUTES BEFORE PERFORMING ANY CLEANING OR MAINTENANCE!

CLEANING

Frequent cleaning is recommended to ensure proper function, optimized light output, and an extended life. The frequency of cleaning depends on the environment in which the fixture operates: damp, smoky, or particularly dirty environments can cause greater accumulation of dirt on the fixture's optics. Clean periodically with a soft cloth to avoid dirt/debris accumulation.

NEVER use alcohol, solvents, or ammonia-based cleaners.

MAINTENANCE

Regular inspections are recommended to ensure proper function and extended life. There are no user serviceable parts inside this fixture. Please refer all other service issues to an authorized ADJ service technician. Should you need any spare parts, please order genuine parts from an authorized ADJ dealer.

Please refer to the following points during routine inspections:

- A detailed electrical check by an approved electrical engineer every three months, to make sure the circuit contacts are in good condition and prevent overheating.
- Be sure all screws and fasteners are securely tightened at all times. Loose screws may fall out during normal operation, resulting in damage or injury as larger parts could fall.
- Check for any deformations on the housing, color lenses, rigging hardware and rigging points (ceiling, suspension, trussing). Deformations in the housing could allow for dust to enter into the fixture. Damaged rigging points or unsecured rigging could cause the fixture to fall and seriously injure a person(s).
- Electric power supply cables must not show any damage, material fatigue or sediments.

SPECIFICATIONS

- Low-lying fog stays low to the ground—similar to a dry ice effect
- Uses standard water based fog juice and ice cubes
- No need for expensive fog chillers, bulky air conditioning units or dry ice
- Includes 12-foot wired remote with On/Off, continuous and manual buttons, plus interval and duration output potentiometers
- Perfect for Halloween FX and theatrical events
- Load up to 4 pounds of ice in the chiller box
- Water drainage valve system allows for easy clean-up. Water drains directly into the provided plastic bag.
- Power On/Off switch
- Heater: 700W
- Warm up Time: 3 Minutes
- Reheating Time: 27 Seconds
- Second Fog Shooting Time: Around 36 Seconds
- Output: 3,000 cubic feet per minute
- Fluid Consumption: 90ml/min
- Fog fluid container: 0.8 Liter (external)
- 120V/50Hz or 230V/60Hz (non switchable)
- Dimensions (LxWxH): 18.28" x 12.05" x 10.28" / 464 x 306 x 261 mm
- Weight: 19 lbs. / 9kg
- CE Certified

Recommended Fog Juice: Kool Fog (dense fog juice); F4L Premium, F1L Premium

PRO TIP #1: Make sure you tighten the knob on the ice hopper all the way down to prevent fog leakage.

PRO TIP #2: Make sure the water drainage value is open and drainage bag is lower than the Mister Kool II so the melted ice water can flow easily into the bag.

DIMENSIONS



