



MASTER BLASTER 1500



User Instructions

IF THE POWER SUPPLY CORD IS DAMAGED, IT MUST BE REPLACED BY THE MANUFACTURER, ITS SERVICE AGENT OR SIMILARLY QUALIFIED PERSON IN ORDER TO AVOID A HAZARD.

Please Note: Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.

INTRODUCTION: Congratulations, you have just purchased one of the most innovative and reliable fog machines on the market today! The Master Blaster™ Series commercial fog machines patented Electronic Thermal Sensing (E.T.S.), for continuous heating regulation, have been designed to perform reliably for years when the guidelines in this booklet are followed. Please read and understand the instructions in this manual carefully and thoroughly before attempting to operate this unit. These instructions contain important information regarding safety during use and maintenance.

UNPACKING: Thank you for purchasing the Master Blaster 1500™ by Elation Professional®. Every Master Blaster 1500™ has been thoroughly tested and has 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 your unit for damage and be sure all accessories necessary to operate the unit have arrived intact. In the event damage has been found or parts are missing, please contact our toll free customer support number for further instructions. Please do not return this unit to your dealer without first contacting customer support at the number listed below.

CUSTOMER SUPPORT: Elation Professional® provides a customer support line, to provide set up help and to answer any question should you encounter problems during your set up or initial operation. You may also visit us on the web at www.elationlighting.com for any comments or suggestions. For service related issue please contact Elation Professional®. Service Hours are Monday through Friday 9:00 a.m. to 5:00 p.m. Pacific Standard Time.

Voice: (323) 582-3322
Fax: (323) 582-3108
E-mail: support@elationlighting.com

Warning! To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.

Caution! There are no user serviceable parts inside this unit. Do not attempt any repairs yourself, doing so will void your manufactures warranty.

Please do not discard the shipping carton in the trash. Please recycle when ever possible.

WARRANTY REGISTRATION: The Master Blaster 1500™ carries a two year (730 days) limited warranty. Please fill out the enclosed warranty card to validate your purchase. 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. You may obtain a R.A. number by contacting customer support at (323) 582-3322, extension 170.

SAFETY PRECAUTIONS: For your safety and the safety of others please observe the following before attempting to operate you new fog machine:

NEVER POINT OR AIM THE FOGGER TOWARDS PEOPLE OR THEIR CLOTHING. THIS FOG MACHINE EMITS EXTREMELY HOT VAPOR AND SHOULD BE USED WITH THE SAME CARE THAT YOU WOULD OBSERVE WHEN USING AN ELECTRIC KETTLE OR IRON.

- Do not install this unit directly above people heads
- Never point the output nozzle directly into peoples faces
- Keep the fog machines output at least two (2) feet away from people and surfaces.
- Keep this unit in a well ventilated area.
- Never attempt to service or repair this unit while plugged in to a power source.

- Never touch the output nozzle while the unit is plugged in.
- Observe the printed warning labels on the rear of the unit.
- *Do not* use this unit if it becomes in disrepair.
- *Remember* to only use Elation® brand fog liquid.
- Never run the fogger dry of liquid. Always maintain an ample supply of fog juice in the fluid reservoir.
- Always replace the fuse with exact same type unless otherwise specified to do so by an authorized Elation® technician.
- *Do not* use oil based fog liquid!

FUNCTIONS: The new MASTER BLASTER 1500™ fog machine comes with E.T.S., for continuous heating regulation. The MASTER BLASTER 1500™ operates via a 25 foot wired remote control, that comes mounted into the unit. The remote may be removed, by unscrewing the four (4) thumb screws that hold it to the base. The unit also contains a removable, one gallon reservoir. The unit is DMX compatible and may be linked through a DMX controller via XLR connectors.

ELECTRONIC THERMAL SENSING (E.T.S.): This feature allows you to have fog output available at almost any time. A small on board micro processor constantly monitors the operating temperature of the fog machine. When the fog machine drops one degree in temperature the E.T.S., automatically senses this change and turns the heater on to raise the temperature that one degree lost. This allows you to have fog output at anytime. The only time fog will not be available, is at the end of the machines duty cycle (Fog output was maximized and the heater has to reheat completely).

OPERATING INSTRUCTIONS:

SET-UP: Plug your fog machine into a standard 110V/120V supply. Make sure there is an adequate supply of Elation Fog Juice™ in the fluid reservoir. Running the fog machine dry will cause pump failure and or clogging. This is the largest cause of failure in fog machines. Once the machine is plugged in and turned on, a red L.E.D. on the power switch will indicate the unit is receiving power. The unit has a warm up time of ten (10) minutes and during this time “WARMING UP” will display in the remote’s LCD. To prime the unit for operation press and hold down the green “MANUAL” button for 30 seconds. If fog does not emit from the nozzle after holding down the green “MANUAL” button for 30 seconds, check the fluid tank and hose to make sure there is fluid going through the hose. If fluid is not traveling through the system try one more 30 second burst. If fluid still seems not to be traveling through the system unplug your unit and return it to your dealer for inspection. *Do not continue to push the remote output button as this may severely damage your unit.*

Note: Only Elation Fog Juice™ is recommended and not all fog juice is created equal, use of fog juice other than Elation® brand may cause clogging and/or damage the unit and will void your manufacture warranty.

MANUAL OPERATION: After the unit has warmed to the proper operating temperature, “READY TO FOG” will display in the remote’s LCD indicate the unit is ready to emit fog. To emit fog, simply press the green “MANUAL” button. Fog will continue to emit as long as you hold down the button or until the heater reaches the end of its cycle and must reheat. You will have approximately 30 seconds of fog burst before the unit has to recycle and reheat. *Do not continue to push the remote output button as this may severely damage your unit.*

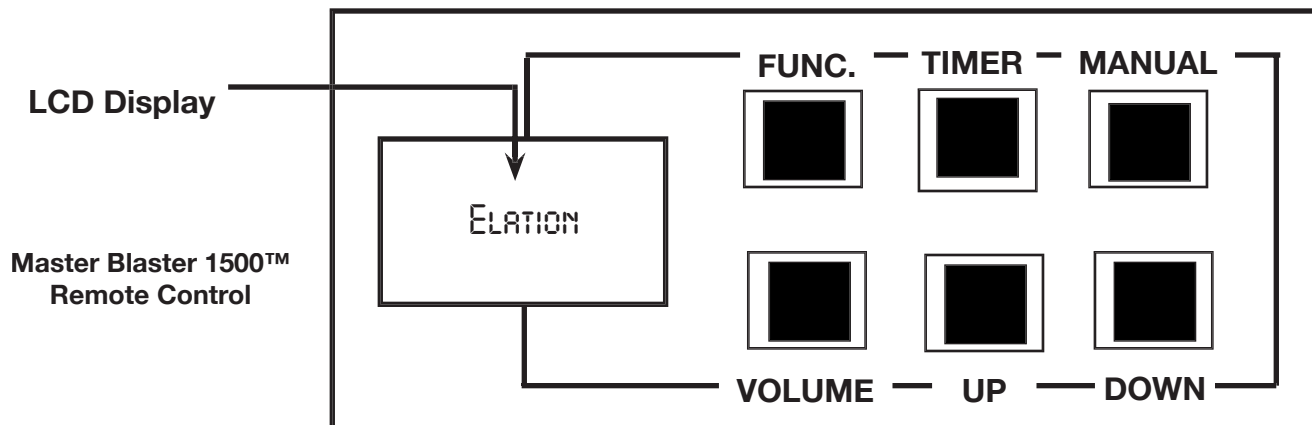
You can also operate the fog output automatically by using the timer settings on the remote, see Manual Remote Control Operation.

DMX OPERATION: The Master Blaster 1500 is DMX compatible, and may be triggered with a standard DMX controller such as the American DJ® Show Designer™ or DMX Operator.™ After the unit has warmed to the proper operating temperature, “DMX512 Ready” will display in the remote’s LCD indicate the unit is ready to emit fog on DMX channel one (1). To emit fog, activate DMX channel one (1) on your DMX controller. Fog output will depend on the DMX value assigned to channel one (1). A DMX value of zero (0) will give you no output and DMX value of 255 will give you maximum output. Fog will continue to emit as long as you apply a DMX value to channel one (1) or until the heater reaches the end of its cycle and must reheat. You will have approximately 30 seconds of fog burst before the unit has to recycle and reheat. Do not continue to push the remote output button as this may severely damage your unit. You may change the DMX address by pressing the “UP” and “DOWN” while a DMX controller is connected to the fogger and powered on. For more information on DMX operation please refer to your controllers owners manual.

MANUAL REMOTE CONTROL OPERATION: The remote control comes attached to your fog machine but can easily be removed to access the 25ft. cord. The fog machine comes with a full function remote control. The remote control comes connected to the unit, but is easily removed by unscrewing the four thumb screws that attached it to the base of the unit. The remote LCD display will indicate different functions. **Caution: Before removing or replacing the remote unit, disconnect the power supply.**

BUTTON FUNCTIONS:

1. **FUN.** - This button allows you to scroll through the menu to adjust the **Interval, Duration, Timer Output, Volume, and DMX channel settings.**
2. **TIMER** - This button allows you turn the timer function on and off.
3. **MANUAL** - This button allows you to override any setting and manually burst full output for as long as you press and hold the button.
4. **VOLUME** - This button activates a constant flow of fog.
5. **UP and DOWN** - These buttons are used to set the values of the different functions (*i.e. Volume, Timer output, Duration, Interval, and DMX channel*).
6. **LCD Display** - This will display the fogger current mode, function, and value setting.



REMOTE FUNCTIONS: At start up the fogger will run a self test and display **ELATION** in the LCD for approximately two (2) seconds. During Warm-Up the Display will indicate this function. During this time you will be able to make any time and volume adjustments, but the fogger will have no output. When Ready to fog, the display will indicate, **Fogger Ready**, in the LCD.

Interval:

1. This function allows you to set the time interval between fog burst in timer mode, from 1 second to 200 seconds.

2. To set the interval, press the *FUN.* button until you reach **Interval**. Use the *UP* and *DOWN* buttons to adjust the time.

Duration:

1. This function allows you to set the time the fog will burst when in the timer mode.
2. You can adjust the time the fogger will burst from one second to 200 seconds.
3. To set the duration press the *FUN.* button until you reach **Duration**. Use the *UP* and *DOWN* buttons to adjust the time.

Timer Output:

1. This function allows you to set the output (volume) of fog that will burst when in the timer mode.
2. You can adjust the output of the fogger from 1% (almost no output) to 100% (full output).
3. To set the output amount press the *FUN.* button until you reach **Timer Out**. Use the *UP* and *DOWN* buttons to adjust the output (volume) from 1% to 100%.

Timer:

1. This Function allows you to set the fogger on an automatic setting. You can set the **Interval, Duration, and Timer Output** as described above.
2. Use the *TIMER* button to turn the automatic timer on and off.

Volume:

1. When activated, this function will give you a constant steady flow of fog from a small stream to a large burst depending on the value that has been preset by you.
2. To turn the volume function on simply press the volume button. Press again to shut off.
3. To set the volume value:
 - A. Press the *FUN.* button until you reach **Volume**.
 - B. Use the *UP* and *DOWN* buttons to adjust the volume output from 1% to 100%. 1% will give you an output of almost nothing, 100% will give you maximum output.
 - C. The volume can also be adjusted when in the volume mode, simply press the *UP* and *DOWN* buttons to achieve your desired output.

TROUBLE SHOOTING AND SERVICE: If you experience low fog output, pump noise, or no fog output at all, disconnect and discontinue use immediately. Do not attempt to continue pushing the remote control's activation button as this may damage the fog machine. Check fluid level, the external fuse or breaker, remote connection, and be sure the wall outlet is sending power. If all of the above appear to be okay, and the unit fails to operate correctly, the unit will require service. Return the machine to an American DJ® authorized dealer or service center.

2 YEAR (730 DAYS) LIMITED WARRANTY

A. Elation® hereby warrants, to the original purchaser, Elation® products to be free of manufacturing defects in material and workmanship for a period of one year (365 days) from the date of purchase. 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, send the product only to the Elation® factory. All shipping charges must be pre-paid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, Elation® 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, Elation® shall have no liability whatsoever for loss of or damage to any such accessories, nor 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 Elation® concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the Elation® factory unless prior written authorization was issued to purchaser by Elation®; 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, Elation® will replace defective parts at its expense, and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of Elation® under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of Elation®. All products covered by this warranty were manufactured after January 1, 1990, and bear identifying marks to that effect.

E. Elation® 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 Elation® 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 Elation® 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 Elation® Products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

H. Lamps are not covered under this or any other warranty either written or implied.

SPECIFICATIONS:

MODEL - Master Blaster 1500™

ELECTRONIC THERMAL SENSING

WEIGHT: 32 LBS.

DIMENSIONS: 9.25" X 10" X 24"

FUSE: 15A breaker

SUPPLY VOLTAGE: 120V

WARM UP TIME: 10 Minutes

TANK CAPACITY: 1 Gallon Removable

OUTPUT: 25,000 cubic feet per minute

FLUID TYPE: Water Base Elation Fog Juice™

DUTY CYCLE: Not to exceed 6 hours turned on.

HEATER: 1500 Watt

TO HELP PREVENT YOUR UNIT FROM CLOGGING, USE ELATION® CLEAN MACHINE™ LIQUID. CLEAN MACHINE IS RECOMMENDED WHEN STORING YOUR FOGGER FOR MORE THAN 1 WEEK, OR AT LEAST ONCE A MONTH DURING NORMAL USAGE. USE CLEAN MACHINE AS PREVENTATIVE MAINTENANCE, ITS LIKE A TUNE UP FOR YOUR FOG MACHINE! CLEAN MACHINE REMOVES PARTICLE BUILD UP IN THE HEATER AND GIVES LONGER LIFE TO THE FOG MACHINE. CLEAN MACHINE IS AVAILABLE IN GALLON OR QUART BOTTLES FROM YOUR LOCAL ELATION® DEALER.

NEVER POINT OR AIM ANY FOG MACHINE TOWARDS PEOPLE OR THEIR CLOTHING. FOG MACHINES EXTREMELY EMIT HOT VAPOR AND SHOULD BE USED WITH THE SAME CARE THAT YOU WOULD OBSERVE WHEN USING AN ELECTRIC KETTLE OR IRON.

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