

American DJ®

FOGSTORM™ 1700 HD

High Output Professional Fog Machine

with ETS™



Caution: Fog Machines may set off Smoke Alarms!

User Instructions

American DJ
4295 Charter Street
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Rev. 5/07

Fog Storm 1700HD™

Introduction

Introduction: Congratulations, you have just purchased one of the most reliable fog machines on the market today! The Fog Storm 1700HD™ commercial fog machines 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.

Customer Support: American DJ® provides a toll free 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.americandj.com for any comments or suggestions. For service related issue please contact American DJ®. Service Hours are Monday through Friday 9:00 a.m. to 5:00 p.m. Pacific Standard Time.

Voice: (800) 322-6337

Fax: (323) 582-2941

E-mail: support@americandj.com

To purchase parts online visit <http://parts.americandj.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. In the unlikely event your unit may require service please contact American DJ.

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

SAFETY ISSUES:

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

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

Fog Storm 1700HD™**Safety Precautions**

- Be sure to save the packing carton in the unlikely event the unit may have to be returned for service
- Do not spill water or other liquids into or on to your fogger. Be sure that all the fog fluid is kept inside the fluid reservoir
- Be sure that the local power outlet match that or the required voltage for your fog machine
- Do not remove the top cover under any conditions. There are no user serviceable parts inside
- Disconnect the unit's main power when left unused for long periods of time
- Never connect this unit to a dimmer pack
- Do not attempt to operate this unit, if it becomes damaged in anyway
- Never operate this unit when it's cover is removed
- To reduce the risk of electrical shock or fire, do not expose this unit rain or moisture
- 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 case of an internal short
- Disconnect from main power before making any type of connection
- Never block the ventilation holes. Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6" (15cm) between this device and a wall
- This unit is intended for indoor use only, use of this product outdoors voids all warranties
- Always mount this unit in a safe and stable matter
- Please route your power cord out of the way of foot traffic. Power cords should be routed so they are not likely to be walked on, pinched by items placed upon or against them
- The unit should only be serviced by qualified service personnel when:
 - A. The power-supply cord or the plug has been damaged.
 - B. Objects have fallen, or liquid has been spilled into the unit.
 - C. The unit has been exposed to rain or water.
 - D. The appliance does not appear to operate normally or exhibits a marked change in performance.

Fog Storm 1700HD™**Description**

The new Fog Storm 1700HD™ fog machines features a fog juice level sensor. When the fog juice level is low, a green L.E.D. will glow. When the fog juice level reaches a lower level, a built-in sensor inside the reservoir will automatically shut off the pump. This will greatly expand the life of the pump. The Fog Storm 1700HD™ includes the revolutionary new heating element that has been specially designed to prevent excessive particle build up that can cause premature fogger failure. A larger copper tube is spiraled inside the heater to prevent clogging. The Fog Storm 1700HD™ includes a wide-angle spray nozzle and long-life pump that was specially designed for high performance fogger output. The Fog Storm 1700HD™ also includes a 25 foot (eight meters) DMX timer remote, that may be removed for periods of non-use. An optional wireless remote control is also available from American DJ®. This wireless remote increases the functionality of the fogger greatly.

Fog Storm 1700HD™**Set-Up**

1. Open the shipping carton and carefully remove the unit from the shipping carton.
2. Be sure to remove all the packing material especially around the nozzle.
3. Set the fog machine on a flat dry surface. Locate the included bracket from the package and install it using the supplied hardware to the side casing. Note: The bracket is an optional accessory and may not be used if desired, however if you intend to suspend the unit from truss the bracket must be used.
4. Remove the fluid reservoir and fill it with American DJ® branded fog juice only and replace the reservoir.
5. Place the feeder tube with the filter deep inside the reservoir and tighten the cap.
6. Firmly attach the remote control unit to the rear remote control socket on the unit.
7. Plug the unit in to a matching power supply. Wait approximately five minutes for the fogger to reach normal operating temperature.
8. Follow the operating instructions on the next page for proper operation.

Always be sure to maintain an adequate supply of American DJ® Brand Fog Juice™ in the fluid reservoir. A green L.E.D. on the front of the unit will glow to warn you when the fog juice is running low. The pump will shut off automatically when the fog juice reaches a certain level. Running the fog machine dry will cause pump failure and or clogging. This is the largest cause of failure in fog and haze machines. Only American Fog Juice™ is recommended and not all fog juice is created equal.

DMX Timer Remote: With the DMX Timer Remote you can turn the Fog Storm 1700HD™ into a one channel DMX intelligent unit. The DMX Timer Remote must be connected to both the Fog Storm 1700HD™ and a universal DMX-512 controller such as the LSC® DMX Operator™ or Show Designer.™ **WHEN THE DMX MODE IS ACTIVE THE TIMER FUNCTION WILL NOT WORK.**

1. Assign a DMX address to the Fog Storm 1700HD™ using the dip-switches on the side of the DMX Timer Remote.

NOTE: The dipswitches on the side of the DMX Timer Remote are for addressing the fog machine only.

2. Connect the male XLR cable of the DMX Timer Remote to the female input connection of the universal DMX-512 controller.

3. You can now daisy chain other DMX intelligent lights. Start with the female input connector on the front of the DMX Timer Remote.

NOTE: The DMX Timer Remote must be the first unit connected to the universal DMX-512 controller.

Timer Function: The timer function allows fog to be emitted at designated intervals. The remote has three (3) L.E.D.s that indicate different functions. **WHEN THE DMX MODE IS ACTIVE THE TIMER FUNCTION WILL NOT WORK.**

- The RED L.E.D. located to the left will indicate the timer and controller is turned on and is activated.
- The GREEN L.E.D. will indicate fog output is available and ready.
- The RED L.E.D. located to the right is for manual fogging, wait for the GREEN L.E.D. to light up, then press the button.

The remote also contains two rotary knobs.

- The Duration knob serves two functions 1) Turns the timer on and off. 2) Sets the timers duration (Length of fog output).

- The interval knob sets the amount of time in between fog output from 30 seconds to 10 minutes.

Tuning these knobs in a clockwise direction will increase their values, turning them in a counter-clockwise direction will decrease their values.

Caution: Before removing or replacing the remote control unit disconnect the power cord.

The Fog Storm HD™ series fog machines carries a one year (365 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 (800) 322-6337.

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. Please contact American DJ®.

1 YEAR LIMITED WARRANTY

A. American DJ® hereby warrants, to the original purchaser, American DJ® 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 American DJ® factory. All shipping charges must be pre-paid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, American DJ® 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, American DJ® 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 American DJ® concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the American DJ® factory unless prior written authorization was issued to purchaser by American DJ®; 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, American DJ® 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 American DJ® under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of American DJ®. All products covered by this warranty were manufactured after January 1, 1990, and bear identifying marks to that effect.

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

H. Lamps are not covered under this warranty.

MODEL - Fog Storm HD 1700™	
VOLTAGE*:	120v~60Hz or 230v~50Hz
WEIGHT:	22 Lbs. / 10 Kgs
DIMENSIONS:	17.25" x 11" x 11.5"/435 x 280 x 290 mm
BREAKER:	120v = 20A NFB / 230v = 10A NFB
WARM UP TIME:	7 Minutes
TANK CAPACITY:	5 Liter Removable
OUTPUT:	15000 cubic feet per minute
FLUID TYPE:	Water Base American DJ Fog Juice™
DUTY CYCLE:	Not to exceed 6 hours turned on.
HEATER:	1700 watt

**Voltage is preset at the factory and may not be changed*

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