

# American DJ® User Instructions

## VOLCANO™



Electronic Thermo Sensing (E.T.S.)



### SPECIFICATIONS:

MODEL - Volcano™

WEIGHT: 19 LBS.

DIMENSIONS: 7" X 8" X 21"

FUSE: 7A AGC

SUPPLY VOLTAGE: 120V

WARM UP TIME: 4 Minutes

TANK CAPACITY: 1 Quart Internal

OUTPUT: 2,500 cubic feet per minute

FLUID TYPE: Water Base American DJ Fog Juice™

DUTY CYCLE: None

HEATER: 750 WATT

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

TO HELP PREVENT THE UNIT FROM CLOGGING, USE AMERICAN DJ® CLEAN MACHINE™ LIQUID. CLEAN MACHINE IS RECOMMENDED WHEN STORING YOUR FOGGER FOR MORE THAN 1 WEEK OR AT LEAST ONCE A MONTH AS NORMAL MAINTENANCE WHEN UNIT IS BEING USED ALL THE TIME. 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 AMERICAN DJ® DEALER.

**Caution:** Save yourself a headache, please read and follow all the instruction before attempting any operation! This unique unit has many new added feature to fog machine technology that you may not be familiar with.

### Introduction:

Congratulations on your purchase of the *American DJ® Volcano.™* The American DJ® Volcano™ is a unique innovation into the fog machine industry. This unit acts as a fog/haze machine combination to give you a constant even flow at almost any given time. This is made possible due to an on board micro processor which constantly monitors the operating temperature of the machine. We call this feature Electronic Thermo Sensing (E.T.S.). You also will not have to worry about running the Volcano™ dry of fog fluid due to a new feature that we have added called "The Low Fluid Indicator." A sensor in the fluid reservoir senses when the fluid level goes down too low and shuts the unit down before any damage can occur.

### Operating Instructions:

Before attempting any operation, please make sure there is an adequate supply of American DJ Fog Juice™ in the machines fluid reservoir. Because the volcano allows for continuous fog output, keep

the reservoir full. Plug the Volcano™ into a standard 120V electrical outlet. The unit will draw up to 6A of power. Connect the remote control into the rear of the machine. Turn the power switch to the “ON” position. After turning the unit on, the red L.E.D. on the remote will glow indicating that the unit is receiving power. After the machine initial warm up period, of approximately four (4) minutes, the green L.E.D. on the remote will glow indicating that the machine is now ready for use. The first time the machine is used it will take 5-30 seconds to prime (fill the pump with fluid). *The pump may also need to be primed if the machine has not been used or has been stored for an extended period of time.* If fog does not emit after 30 seconds, check the fluid in the tank , also check the hose to making sure there is fluid going through the hose.

### **Manual Operation:**

For manual operation, push the green button on the remote control. Holding the green button down will give you 100% output for as long as you hold the button down. For advanced timer control operation, please see the next section: Timer Operation.

### **Timer Operation:**

The timer remote allows automatic control of fog output. To begin timer operation, press the yellow button on the remote, this should make the yellow L.E.D. glow. Next, adjust the “**Interval**” and “**Volume**” knobs to your desired settings. The interval time is the amount of time it will take for the fogger to trigger output between the output blast. The intervals can range from 0 seconds to 5 minutes and is adjusted by turning the interval knob in a clockwise direction. Setting the interval to 0 will shut off the timer function and only allow manual output operation. Setting the interval to a full clockwise position will trigger output approximately every 5 minutes. The volume adjustment allows you to increase or decrease the amount of fog discharged with every blast. The volume can range from 0% (full counter-clockwise position) to 100% (full clockwise position). 0% will give you no output and 100% will give you the maximum possible output (approximately 2,500 cu.ft. per a minute).

You may also set the Volcano™ for continuous fog output. Continuous fog output is a new innovation to world of fog machines and will give you a consistent, even stream of fog throughout it’s cycle. For continuous fog output press the red button on the remote control. After pressing the red button fog should begin to emit from the machine, at this time adjust the “**VOLUME**” until you reach your desired fog output level.

### **Electronic Thermo 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 Volcano™ machine. When the Volcano™ machine drops one (1) degree in temperature, the E.T.S. automatically senses this change and turns the heater on to raise the temperature to that one degree lost. This enables the end user to have fog output at anytime. The only time fog will not be available, is at the end of the machines duty cycle (The fog output was maxed out and the heater has to reheat completely). The reheat process can take from one (1) to two (2) minutes.

## **Low Fluid Indicator**

Because pump failure becomes one of the biggest problems when running a fog machine dry of fluid, and leading cause fog machine failure we have added a “Low Fluid Indicator” feature. This feature stops the machine operation when the fluid level has gone down too low. The “Low Fluid Indicator” L.E.D. is located on the back of the Volcano™ next to the On/Off switch. This indicator will begin to flash red and green when fluid level has gone down too low (red-red-green-green). *This is not a malfunction.* In addition, the green L.E.D. on the remote will also begin to flash indicating that the machine requires fluid. During normal operation, remember to always maintain an adequate supply of fog juice in the tank reservoir.

**Note:** During normal operation with an adequate supply of fog juice in the reservoir the Low Fluid Indicator red LED will flash continuously to indicate proper operation, this is normal and not a malfunction!

## **Trouble Shooting and Service:**

If you experience low output, pump noise, or no output at all, disconnect the machine immediately. Do not attempt to continue use as this may damage the unit. Check fluid level, the external fuse, remote connection, and main power. If all of the above appear to be O.K., and the unit continues to fail to operate, the unit will require service. Return the machine to an American DJ Authorized dealer or service center.

***We recommend you 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 accompanied by an R.A. #. If the unit is under warranty, you must provide proof of purchase invoice.***

Note: Not all fog juice is created equal. Due to this fact we only recommend the use of American DJ® brand fog liquid. Use of any other brand of liquid may cause damage to your fog machine and therefore void the manufactures warranty!