

*American DJ®*

# Shadow II

## User Instructions



### SHADOW II™ 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](http://www.americandj.com) for any comments or suggestions.

Service Hours Monday through Friday are 10:00 a.m. to 5:00 p.m. Pacific Time.

Voice (800) 322-6337

Fax (323) 582-2610

E-mail: [support@americandj.com](mailto:support@americandj.com)

### SHADOW II™ INTRODUCTION

Congratulation and thank you for purchasing the American DJ® Shadow II. The Shadow II™ is an ultra-compact and light weight fogger that has been designed with the mobile DJ and bands in mind, but due to its size this fogger is also great for small venues, home use, and Halloween. This fogger includes a hanging bracket and may be suspended from truss or a ceiling. You may also purchase an optional wireless remote control for increase flexibility when controlling your fogger. At this time please take a moment to fill out the inclosed warranty card to validate your purchase and activate your warranty.

### SHADOW II™ FEATURES

- **Higher Output and New Case Design over original Shadow™**
- **Precision AC piston pump**
- **700 watt heater**
- **10 ft. remote control**
- **Includes hanging bracket**
- **Compact and lightweight**
- **One quart internal reservoir**
- **3000 cubic feet of output**
- **Available in 120v and 220v operation**
- **Four (4) minute warm-up time**
- **The Shadow II™ is ETL, ETLCE, and CE listed**
- **Built in fluid level gauge**

#### Options:

- **F-Timer/SH3: Wired timer remote control**
- **F-Wireless/SH3: 150ft. range wireless remote control**

## SHADOW II™ SAFETY WARNINGS

**NEVER POINT OR AIM THE SHADOW II™ 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 power.
- **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® service technician.
- **Do not** use oil based fog liquid!

## SHADOW II™ PACKING LIST

- American DJ Shadow II™
- 10ft. Remote control
- User manual
- Warranty card
- Hanging bracket and screws

## SHADOW II™ SET UP

### Fog Juice:

Before plugging your unit in be sure the fluid reservoir has been filled with American DJ® brand fog juice. Not all fog juice is created equal, using oil based fog liquid will void the manufactures warranty of your fogger. You risk serious damage to your Shadow II™ and you may

## SHADOW II™ SET UP CONT.

void your manufactures warranty by not using American DJ® brand fog juice. Running the fog machine dry will cause pump failure and/or heater clogging. This is the largest cause of failure in fog machines always maintain an ample supply of fog juice in your fog machine.

### Remote:

Plug your remote control into the female IEC connection on the rear of the unit. Be sure that only the remote is plugged into this connection, plugging in a power supply will damage the unit. Connect the remote before plugging the unit in. The remote has a red LED that will glow when the unit is plugged in. When the fogger has warmed to its operating temperature the red LED will turn off indicating that the unit is ready for operation. When the fogger has dropped below operating temperature the red LED on the remote will again glow indicating that the fogger's heater is reheating to normal operating temperature.

### Power Supply:

The Shadow II™ is available in a 120v and 220v version. Because line voltage may vary from venue to venue, you should be sure to plug your power supply into a matching wall outlet before attempting to operate you fogger. The Shadow II™ will draw up to 7A of power.

### !!IMPORTANT!

**Be sure that the rated line voltage matches that of voltage rating label on the fog machine.**

### Placement:

Place the fog machine on stable flat surface, do not tilt or stand the unit on its' side. You may hang the unit in flat position. When hanging the unit be sure that it is not, mounted directly over people's heads.

## SHADOW II™ OPERATING INSTRUCTIONS

After connecting your units remote, connect your fogger's power. Once the machine has warmed up to temperature, the red L.E.D light on the remote will go 'OFF'. To emit fog, press the red button

## SHADOW II™ OPERATING INSTRUCTIONS CONT.

on the remote for desired length of time. The button is spring loaded, so fog will only emit for as long as you are depressing the output button. It may take up to 30 seconds for fog output during initial start-up. If fog does not come out, after holding the button down the red 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. **Do not continue to push the remote output button as this may severely damage your unit.** If fluid still seems not to be traveling through the system unplug your unit and return it to your dealer for inspection.

The unit must maintain a specific operating temperature to emit fog, when it drops below this temperature it must reheat. When the Shadow II™ reheats to its proper operating temperature, the red L.E.D. on the remote will glow. You will not be able to emit fog when the unit is reheating. The reheat process usually takes about a minute, when the red L.E.D on the remote turn off you will be able to emit fog.

## SHADOW II™ PREVENTATIVE MAINTENANCE

**TO HELP PREVENT YOUR FOGGER FROM CLOGGING, WE RECOMMEND USING AMERICAN DJ® CLEAN MACHINE™ LIQUID. UNDER NORMAL USAGE USE CLEAN MACHINE AS NORMAL MAINTENANCE ONCE A MONTH. CLEAN MACHINE IS ALSO RECOMMENDED BEFORE STORING YOUR FOGGER FOR MORE THAN ONE (1) WEEK. ITS LIKE A TUNE UP FOR YOUR FOG MACHINE! CLEAN MACHINE REMOVES PARTICLE BUILD UP IN THE HEATER AND PROLONGS THE LIFE OF THE FOG MACHINE. CLEAN MACHINE IS AVAILABLE IN GALLON OR QUART BOTTLES FROM YOUR LOCAL AMERICAN DJ® DEALER AND MAY BE USED IN ALL WATER BASED FOG MACHINES.**

## SHADOW II™ SERVICE & TROUBLE SHOOTING

If you experience low output, pump noise, or no output at all, disconnect the units main power immediately. Check the fluid level, the external fuse, remote connection, and be sure the units plugged in properly . If everything checks out and the unit still fails to operate

## SHADOW II™ SERVICE & TROUBLE SHOOTING

correctly, the unit may require service. **Do not continue to push the remote output button as this may severely damage your unit.** Return the machine to your authorized American DJ® dealer.

If you are unable to return your unit to an authorized dealer you may return your unit directly to American DJ®. All returned service items whether under warranty or not, must be freight pre-paid and accompany an Return Authorization (R.A.) number. If the unit is being returned for a warranty repair you must provide a proof of purchase invoice.

Occasionally the fogger will spurt output from it's nozzle, this is normal. This is caused by excess fluid building up in the heater exchange until it has to be released. The fogger will usually spurt fluid after large blast, but may spurt at any time. A fogger may even spurt out fog for a few minutes after it has been powered down.

## SHADOW II™ OPTIONS

### F-Timer/SH3: Wired timer remote control



The F-Timer/SH3 is a wired, timer remote control that allows you three (3) different operating modes.

- You may set your unit to fog at an adjustable interval and an adjustable blast duration.
- You may also set your unit to fog in a continuous output pattern. Pressing the continuous button on the remote will blast the fog at its maximum level until the heater must recycle. Then the fogger will once again blast the fog output at its maximum level. The remote will continue

this operating mode until the continuous function is turned off. *While in continuous blast mode be sure that you keep the fluid reservoir full of fog juice.*

- This remote also has a manual control function that allows you to

## SHADOW II™ OPTIONS Cont.

operate the fogger the same way you would using the included remote control. You may also override the timer function at any time and operate the fogger manually with this button.

### F-Wireless/SH3: Wireless remote control



This wireless remote acts the same way as the original remote that comes with your unit, but with wireless convenience. This control has a range of approximately 150ft.. This remote give you the flexibility to plug your fogger in on the opposite side of a room or mount your fogger in hard to reach place and still maintain easy control. This remote come with two pieces; the controller and the receiver. The receiver plugs into the fogger the same way your original

remote does. To run your fogger press the button on your remote. Keep in mind that the remote control unit has two (2) buttons but only one of them controls your fog output.

## SHADOW II™ SPECIFICATIONS

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MODEL - **Shadow II™**

WEIGHT:	8 LBS.
DIMENSIONS:	5.5" X6.25" X 13"
FUSE:	7A
SUPPLY VOLTAGE:	120V
WARM UP TIME:	4 Minutes
TANK CAPACITY:	1 LITER
OUTPUT:	3000 cubic feet per minute
FLUID TYPE:	Water Base American DJ Fog Juice™
DUTY CYCLE:	Not to exceed 6 hours plugged in.

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