

*American DJ*®  
**ELECTRA™**



**User Instructions**

©American DJ Supply  
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## Electra™ Introduction

### Introduction:

Thank you for purchasing the American DJ Electra™. To optimize the performance of this product, please read these operating instructions carefully to familiarize yourself with the basic operations of this unit. This unit is a miniature version of our Sapphire 4™, a multicolored rotating moon flower effect. The American DJ® Electra™ is sound active and has three different operating modes (Sound Active, Continuous Rotation, and Static).

### 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 are Monday through Friday 9:00 a.m. to 6:00 p.m. Pacific Standard Time.

Voice: (800) 322-6337  
Fax: (323) 582-2610  
E-mail: [support@americandj.com](mailto:support@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 manufacturer's warranty. In the unlikely event your unit may require service please contact your nearest American DJ dealer.

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

### **HALOGEN LAMP WARNING!**

This fixture is fitted with a halogen lamp which is highly susceptible to damage if improperly handled. Never touch lamp with your bare fingers as the oil from your hands will shorten lamp life. Also, never move the fixture until the lamp has had ample time to cool. Remember, lamps are not covered under warranty conditions.

## Electra™ Specifications

### Technical Specifications:

Model: Electra™

<b>Lamp:</b>	ZB-BRL 12v/50w
<b>Voltage:</b>	110~120v
<b>Dimensions:</b>	9H x 11W x 12L
<b>Colors:</b>	Multi-colored dichroic dish
<b>Gobos:</b>	None
<b>Weight:</b>	6 Lbs.
<b>Fuse:</b>	3 Amp GMA
<b>Duty Cycle:</b>	15min on/off
<b>Optics:</b>	High Quality Glass Lens Reflective Surface mirror
<b>Ventilation:</b>	Fan Cooled
<b>Operating Mode:</b>	3-position Mode Switch (Static, Sound Active, & Continuous)

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

## Electra™ Trouble Shooting

### Trouble Shooting:

Listed below are a few common problems that you may encounter, with solutions.

#### No light output from the unit;

1. Be sure you have connected your unit into a standard 110V wall outlet.
2. Be sure the external fuse has not blown. The fuse is located on the rear panel.
3. Remove the lamp cover and be sure the lamp is seated in its socket properly. Occasionally lamps become loose during shipping be sure the lamp is push in to its socket all the way.

#### Unit does not respond to sound;

1. Be sure the unit's mode switch is in the "I" position, this is the only mode that allows the unit to operate in sound active mode.
2. Low frequencies (bass) should cause the unit to react to sound. Tapping on the microphone, quiet or high pitched sounds may not activate the unit.

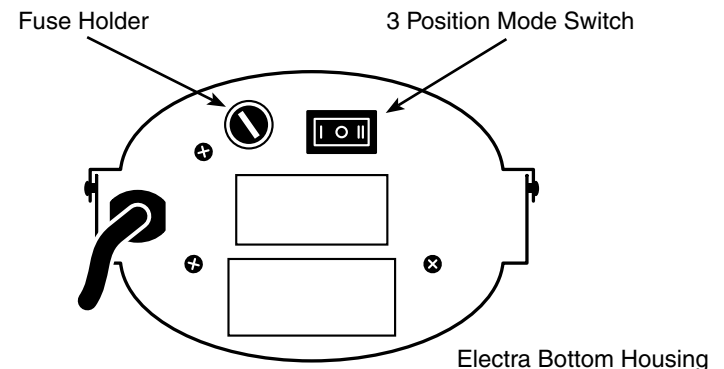
## Electra™ Operation

### General Operation:

This fixture is designed to operate as a stand alone unit, there is no need of a controller. It has been tested and lamped at the factory there is no assembly necessary. The Electra™ is ready to be plugged in, out of the box. There is no power switch, after plugging the unit if there is no lamp output check the fuse and bulb. If the fuse and bulb are good, please return the unit for servicing. After plugging this fixture in, the units X-axis mirror will move back and forth. The Electra™ features a multi-color dichroic dish that will also rotate. This fixture features a light weight case design and a hanging bracket. This unit can be operated in three different modes. This fixture is designed for mobile DJ's, clubs, bands, roller rinks and any arena that requires a compact, light weight, easy to use fixture.

### Operating Modes:

This unit comes with a 3-way multi-operating switch located on the rear of the unit. The switch controls three (3) different operating modes; Static, Sound Active, and Continuous Rotation. When the switch is in the "I" position the internal dichoric dish spin continuously and the mirror will react to sound, via its internal microphone. When the unit is in the "0" position the internal dichoric dish is static (does not rotate) and the mirror will react to sound. When the switch is in the "II" position the unit's internal dichoric color wheel and mirror will react to sound.



## Electra™ Cleaning

### Fixture Cleaning:

Due to fog residue, smoke, and dust cleaning the internal and external optical lenses must be carried out periodically to optimize light output.

1. Use normal glass cleaner and a soft cloth to wipe down the outside casing.
2. Use a brush to wipe down the fan grill.
3. Clean the external optics with glass cleaner and a soft cloth every 20 days.
4. Clean the internal optics with glass cleaner and a soft cloth every 30-60 days.
5. Always be sure to dry all parts completely before plugging the unit back in.

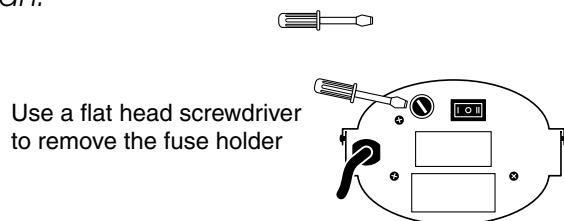
Cleaning frequency depends on the environment in which the fixture operates (i.e. smoke, fog residue, dust, dew). In heavy club use we recommend cleaning on a monthly basis. Periodic cleaning will ensure longevity, and crisp output.

### Fuse Replacement:

Disconnect from the main power supply. Insert a standard flat head screw driver in to the fuse holder housing as illustrated in figure two. Turn the screwdriver in counter-clockwise direction to remove the fuse holder. Remove the old fuse and discard it, replace the fuse with the same type. Insert the fuse back into it's housing.

**If you continue to blow fuses, STOP using the unit. Returning the unit for servicing. Continuing to use the unit may cause serious damage.**

**Caution:** Always replace with the exact same type lamp and fuse, unless otherwise specified by an authorized American DJ® technician.



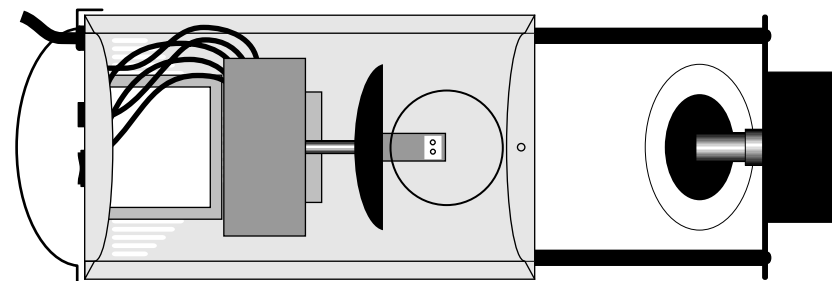
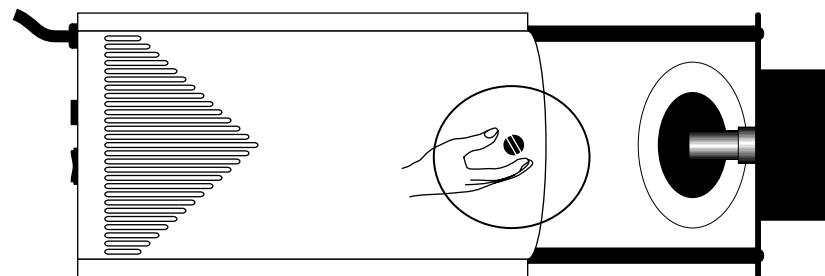
## Electra™ Cleaning

### Lamp Replacement:

Disconnect from the main power supply. Be sure the unit has had ample time to cool before attempting to replace the lamp. On the front of the unit there is a single thumb screw. Remove the thumb screw and pull back the front case housing. The housing is hinged which allows it to pull back without being removed. Remove the old lamp from the socket assembly. Carefully install the new lamp, be sure to follow all the installation guide lines that are included with your new lamp. Close the front cover and replace the thumb screw.

**Caution:** Always replace with the exact same type lamp and fuse, unless otherwise specified by an authorized American DJ® technician.

Remove the thumb screw on the front of the unit as illustrated below.



Remove the lamp from the socket and insert a new one as illustrated above.