

# American DJ® **ELECTRA 250™**



## **User Instructions**

American DJ®  
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**Electra 250™**

**Introduction**

### **Introduction:**

Thank you for purchasing the American DJ Electra 250™. To optimize the performance of this product, please read these operating instructions carefully to familiarize yourself with the basic operations of this unit. This new and improved unit includes a thermal shutoff that will automatically shut down the unit if it gets too hot, and automatically restart it after it has cooled down. It also comes with a bright 24v/250w bulb and a new high tech, light weight case design. The Electra 250™ is a multi-colored rotating moon flower effect. The unit comes with a three position mode switch that allows the unit to operate in two different sound-active modes or a static mode.

### **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)

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 manufacturer's 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.

To optimize the performance of this product, please read these operating instructions carefully to familiarize yourself with the basic operations of this unit. These instructions contain important safety information regarding the use and maintenance of this unit. Please keep this manual with the unit, for future reference.

- Includes Built-In Hanging Yoke
- Sound-Active
- Easy Access Lamp Replacement
- Light Weight
- Futuristic Case Design
- Three Different Operating Modes
- LL-EHJ 24v/250w Lamp
- Thermal Shutoff (Automatically shutsdown the unit if it gets to hot, and automatically restarts when it cools down)

The Electra 250™ 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.

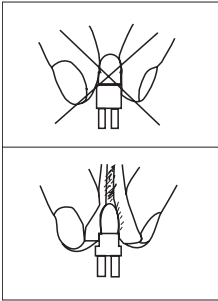
**General Operation:**

This fixture is designed to operate as a stand alone unit, there is no need of a controller. It has been tested and the lamp installed at the factory there is no assembly necessary. The Electra 250™ 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 250™ features a multi-color dichroic dish that will also rotate. 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 dichroic dish spin continuously and the mirror will react to sound, via its internal microphone. When the unit is in the "0" position the internal dichroic 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 dichroic color wheel and mirror will react to sound.

This unit is equipped with a built-in safety breaker. This breaker is designed to close the power circuit in the event of an internal short or power surge. This will reduce the risk of electrical shock or fire and protect the circuitry. To reset the breaker, push the breaker button in until you hear it "pop" back in to place. If the breaker continues to pop, stop using the unit and contact our customer support team, the unit may need to be returned for service.



This fixture is fitted with halogen lamps which are 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 lamps have had ample time to cool. Remember, lamps are not covered under warranty conditions.

**Caution:** Always replace with the exact same type lamp, unless otherwise specified by an authorized American DJ® technician. Replace with anything other than the specified part can damage your unit and will void your manufactures warranty.

**Warning:** If after you have replaced the lamp or reset the breaker and you continue to blow either one, STOP using the unit. Contact customer support for further instructions, you may have to return the unit for servicing. Continuing to use the unit may cause serious damage.

**Lamp Replacement:** Caution! Never open the unit when in use. Always disconnect the main power and allow the fixture ample time to cool before attempting to replace the lamp. Lamp replacement has been made simple by incorporating a split dome that is retained by thumb screws. *Again, please remember to always replace with the exact same type lamp.*

1. Be sure to follow the proper procedures when handling halogen lamps. **Never touch the new lamp with your bare fingers.**
2. Unscrew the two thumb screws located on the bottom front of the unit.
3. Once the thumb screws have been removed, pull the lamp assembly cover plate up to expose the lamp.
4. Remove and replace the lamp with an exact match.
5. Reassemble in reverse order.

**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 breaker has not popped. The breaker 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.

**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.

**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.

**Technical Specifications:**

Model: Electra 250™

<b>Lamp:</b>	LL-EHJ 24v/250w
<b>Voltage:</b>	120v~60Hz or 220v~50Hz
<b>Power Draw:</b>	2.1 Amps
<b>Dimensions:</b>	9" (L) x 8" (W) x 18.5" (H)
<b>Colors:</b>	Multi-colored dichroic dish
<b>Gobos:</b>	None
<b>Weight:</b>	7 Lbs./3.2 Kgs.
<b>Breaker:</b>	5 Amp
<b>Duty Cycle:</b>	None
<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)

*\*Voltage is preset at the factory and is not user selectable*

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

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