

# American DJ® Reflex 300™



## User Instructions

American DJ®  
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www.americandj.com

Rev. 10/04

### Reflex 300™

### Introduction

**Unpacking:** Thank you for purchasing the Reflex 300™ by American DJ®. Every Reflex 300™ has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your unit for damage and be sure all accessories necessary to operate the unit have arrived intact. In the event damage has been found or parts are missing, please contact our toll free customer support number for further instructions. Please do not return this unit to your dealer without first contacting customer support at the number listed below.

**Introduction:** The Reflex 300™ is a unique multi-colored effects fixture. The unit comes with two moving heads that operate independently of each other. This unit creates multi-colored beams in a moon-flower pattern. The unit has 3-way mode switch that allows the unit to be operated in three different modes (see page 4 for operating modes). To optimize beam intensity use this fixture with a fog machine or other type of special effect smoke.

**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. 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) 582-2610

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 manufactures warranty. In the unlikely event your unit may require service please contact American DJ.

**PLEASE recycle the shipping carton when ever possible.**

## Reflex 300™

## Features

- Two Independent Moving Heads
- Easy Lamp Replacement
- Compact High-Tech Case Design
- Built-In Hanging Yoke
- Internal Microphone
- Multi-Colored Beams
- 3-Way Effects Switch - 3 Operating Modes
- Sound Active
- 2 x ZB-FCS 24v/150w Lamps

## Reflex 300™

## Warranty Registration

The Reflex 300™ 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 included in the shipping carton. 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 our customer support team on our toll free customer support number. All packages returned to the service department not displaying a R.A. number on the outside of the package will be returned to the shipper.

## Reflex 300™

## Precautions

### **Safety Issues:**

- To reduce the risk of electrical shock or fire, do not expose this unit rain or moisture
- Do not spill water or other liquids into or on to your unit
- 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
- This unit is intended for internal use only, use of this product outdoors voids all warranties written or implied.

## Reflex 300™

## General Instructions

Please carefully read and understand the instructions in this manual thoroughly before attempting to operate 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.

## Reflex 300™

## Operation

**Power Supply:** Before plugging your unit in, be sure the source voltage in your area matches the required voltage for your American DJ® Reflex 300™ before attempting operation.

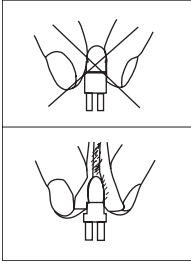
**General Operation:** Just plug this light in, and watch it go. This fixture is designed to operate as a stand alone unit. It has been tested and the lamp has been installed at the factory there is no assembly necessary. The Reflex 300™ is ready to be plugged in, out of the box. There is no power switch, after plugging the unit in the unit will immediately begin to run to sound. Please note that tapping on the unit, or high pitched sounds may not trigger the unit, the unit is designed to react to low frequencies (bass). Also note that the music sensitivity is preset at the factory and may not be changed or adjusted. The fashion the unit will operate will depend on the mode setting, see operating modes below.

**Operating Modes:** This unit comes with a 3-way multi-operating switch located on the bottom of the unit. The switch controls three different sound-active operating modes.

Switch in the "I" position: Mode 1 - In this mode the two internal dichroic colored glass dishes will rotate continuously regardless of an audio source. The two external reflecting mirrors will only react to an audio source via the units internal microphone.

Switch in the "O" position: Mode 2 - In this mode the two internal dichroic colored glass dishes will remain static regardless of an audio source. The two external reflecting mirrors will only react to an audio source via the units internal microphone.

Switch in the "II" position: Mode 3 - In this mode both the two internal dichroic colored glass dishes and the two external reflecting mirrors will only react to an audio source via the units internal microphone.



**Halogen Lamp Warning!** This fixture is fitted with halogen lamps which are highly susceptible to damage if improperly handled. Never touch the lamps 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.

**Breaker Reset:** 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.

**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 remove tray that is retained by a single 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 single thumb screw located on the rear of the unit.
3. Once the thumb screw has been remove, pull back the lamp assembly cover plate to expose the lamps.
4. Remove and replace the lamp with an exact match.
5. Reassemble in reverse order.

### **Fixture Cleaning:**

Due to fog residue, smoke, and dust cleaning the internal and external lenses and dichroic colored dishes should 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 soft brush to clean out the cooling vents
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 use we recommend cleaning on a monthly basis. Periodic cleaning will ensure longevity, and crisp beam output.

### **Trouble Shooting:**

Listed below are a few common problems and solutions you should try before contacting customer support. For all other issues please contact customer support.

*Unit rotates but has no light output from the unit;*

1. Be sure you have connected your unit into a matching wall outlet.
2. Remove the lamp cover and be sure the lamps are seated in their sockets properly. Occasionally lamps become loose during shipping be sure the lamps are push in to their sockets all the way.
3. Be sure the lamps are good.

*Heads do not rotate and lamps do not turn on;*

1. Be sure you have connected your unit into a matching wall outlet.
2. Be sure the external breaker has not blown. The breaker is located on the bottom panel of the unit.
3. Be sure the unit power cord is properly seated in the power outlet and the outlet has power.

**ONE 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 or any other warranty either written or implied.

**Model: Reflex 300™**

<b>Voltage*:</b>	120v~60Hz
<b>Lamps:</b>	2 x ZB-FCS 24v/150w
<b>Breaker:</b>	5 Amp
<b>Dimensions:</b>	14" H x 10" W x 13.5" D
<b>Colors:</b>	Multi-Colored (7 Colors)
<b>Effect:</b>	3 User Operating Modes
<b>Weight:</b>	9 Lbs.
<b>Warranty:</b>	1 Year (365 Days)

\* 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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