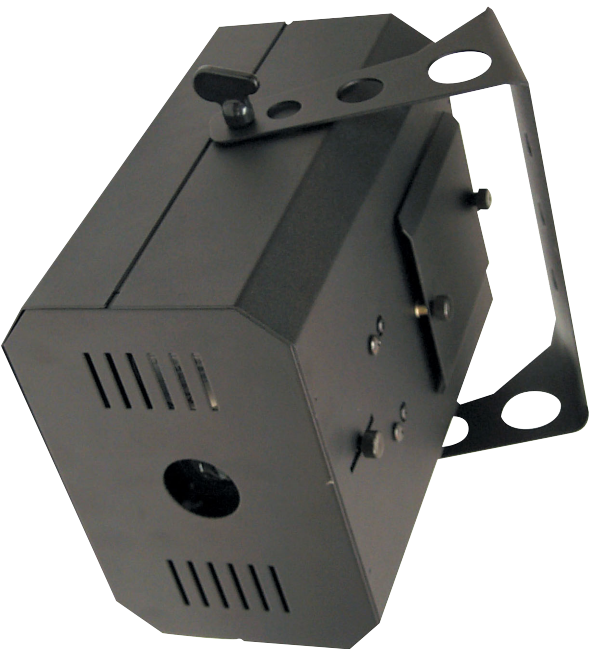


# REFLECTIONS™

*American Dj®*



## User Instructions

### Reflections II™

### Introduction

**Unpacking:** Thank you for purchasing the Reflections II™ by American Dj®. Every Reflections II™ 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 fixture for any damage and be sure all equipment necessary to operate the system has arrived intact. In the event damage has been found or parts are missing, please contact our toll free customer support number for further instructions.

**Introduction:** The American Dj® Reflections II™ is an effect that simulates rippling water and when used with a yellow or red gel this unit can also simulate fire. The Reflections II™ was created to meet the demands of theatrical groups and those that desire an incredible effect without strong flashing lights or fog.

**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 5:00 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.

**Safety Issues:** This unit may blow a fuse if the maximum allotted load of 2 amps is reached. If the fuse needs replacement, always replace the fuse with same exact type that was remove, unless otherwise instructed by an authorized American Dj® service technician. Use of a different type fuse from that which is recommended may cause fire or electric shock and will void the manufacturer's warranty.

## Reflections II™

### Safety Precautions

- 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
- Be sure that the local power outlet match that of the required voltage for 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
- Disconnect from main power before making any type of connection
- Do not remove the cover under any conditions. There are no user serviceable parts inside
- Never operate this unit when it's cover is removed
- Never plug this unit in to a dimmer pack
- Do not attempt to operate this unit, if it becomes damaged
- This unit is intended for indoor use only, use of this product outdoors voids all warranties
- During long periods of non-use, disconnect the unit's main power
- Always mount this unit in safe and stable matter
- Power cords should be routed so they are not likely to be walked on, pinched by items placed upon or against them.
- Cleaning -The fixture should be cleaned only as recommended by the manufacturer. See page 5 for cleaning details.
- This unit should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat. Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6" (15 cm) between this device and a wall.
- The fixture should be serviced by qualified service personnel when:
  - A. The power-supply cord or the plug has been damaged.
  - B. Objects have fallen, or liquid has been spilled into the appliance.
  - C. The appliance has been exposed to rain or water.
  - D. The appliance does not appear to operate normally or exhibits a marked change in performance.

## Reflections II™

### General Instructions

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.

## Reflections II™

### Features

- Micro-Stepping Motors for Smooth Movement
- Full Focusing
- Fan Cooled
- Easy Lamp Replacement
- Long Life ZB-JCR H5 (15v/150w) Lamp - 500 Hours
- Light Weight Compact Design
- Low Power Consumption

## Reflections II™

### Set-Up/Operation

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

### General Operation:

This fixture is designed to operate as a stand alone unit, it will react to low frequencies of an audio source. The unit has been equipped with a lamp and is ready to be hung or set on a flat surface, there is no assembly necessary and no need of a controller of any type. The unit is ready to be plugged in out of the box. Plug the unit's power cord in to a standard 110v~120v electrical outlet. There is no power switch, the unit should automatically turn on after plugging the unit in to an electrical outlet. After plugging this fixture in, the units "Reflections II™" shaped lenses will spin back and forth to an audio source. The unit will react to the low frequencies of music via its internal microphone. The audio sensitivity is preset there no need for any adjustments. If after plugging the unit in there is no lamp output check the fuse and lamp. If the fuse and lamp are good, please contact customer support for further instructions. For best results, we suggest using with fog or special effects smoke. This will enhance the effects by allowing you to see the beams of light.

## Reflections II™

### Duty Cycle

**Duty Cycle:** Because of the high temperature that may build up in the unit during normal operation, it is necessary to assign a duty cycle to this unit. A duty cycle is a recommended operating cycle associated with a fixture. The duty cycle assigned to this unit is 10 minutes off for every 20 minutes of activity. This means for every 20 consecutive minutes the unit operates the unit should be shut down for 10 consecutive minutes. Following the prescribed duty cycle will prolong the lamp life and ensure fixture longevity.

## Reflections II™

### Cleaning

**Fixture Cleaning:** Due to fog residue, smoke, and dust cleaning the internal and external optical lenses and mirror should be carried out periodically to optimize light output. 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. Use normal glass cleaner and a soft cloth to wipe down the outside casing.
2. Use a brush to wipe down the cooling vents and fan grill.
3. Clean the external lens with glass cleaner and a soft cloth every 20 days.
4. Clean the internal lens 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.

## Reflections II™

### Warranty Registration

The Reflections II™ carries a 90 day 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. If the unit is under warranty you must provide a copy of your proof of purchase invoice. Please contact American DJ® customer support for a R.A. number.

## Reflections II™

### Lamp & Fuse Replacement

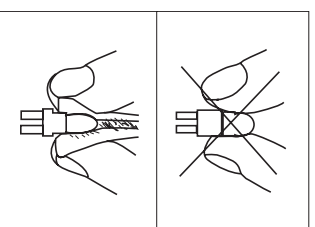
**Caution:** Always replace with the exact same type lamp and fuse, unless otherwise specified by an authorized American DJ® technician. Replacing with anything other than the specified part can damage the unit and will void the manufactures warranty.

**Warning:** If, after replacing the lamp or fuse either one continues to blow, 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.

**Fuse Replacement:** Disconnect the unit's main power supply. Insert a standard flat head screw driver in to the fuse holder housing. Turn the screwdriver in counter-clockwise direction to remove the fuse holder. Remove the fuse holder to expose the fuse. Remove the old fuse and discard it. Replace the fuse with the same type. Insert the fuse holder back into it's housing and turn it in clockwise direction to lock the holder in place.

**Lamp Replacement:** Caution! Never attempt to change the lamp while the fixture is plugged in. Always disconnect the main power and allow the unit ample time to cool before attempting to replace the lamp. Lamp replacement has been made simple by incorporating the use of a removable lamp cover retained by a two thumb screws.

1. Be sure to follow the proper handling procedures that deal with halogen lamps.
2. Remove the two thumb screws located on top of the unit. These screw hold the lamp socket cover in place.
3. Remove the lamp cover and put aside.
4. Carefully remove the old lamp and discard it in the trash.
5. Replace the lamp with an exact match and reassemble.



### Halogen Lamp Warning:

This fixture is fitted with a halogen lamp which is highly susceptible to damage if improperly handled. Never touch the 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.



## Reflections II™

## Warranty

### 90 DAY 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 90 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.

## Technical Specifications:

### *Model: Reflections II™*

<b>Lamps:</b>	ZB-JCR/H5 15V/150W
<b>Voltage:</b>	120V/60Hz
<b>Dimensions:</b>	4H x 7 3/4W x 6 1/4L
<b>Colors</b>	White
<b>Weight:</b>	5 Lbs.
<b>Fuse:</b>	2 Amp GMA
<b>Duty Cycle:</b>	20 min. on/10 min. off
<b>Working Position:</b>	Any Safe, Secure Position
<b>Warranty:</b>	90 Days

**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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