

American DJ®
TOPAZ EX



User Instructions

American DJ®
4295 Charter Street
Los Angeles, CA. 90058
www.americandj.com

6/07

Topaz EX™

General Introduction

Unpacking: Thank you for purchasing the Topaz EX™ by American DJ®. Every Topaz EX™ 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 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. Please do not return the unit to your dealer without first contacting customer support.

Introduction: Thank you for purchasing the American DJ® Topaz EX™. The Topaz EX™ is a unique multi-colored effects fixture. This unit creates a multi-colored rippling effect. The unit comes with a glass filter that may be removed for an entirely different effect. The unit has a 3-way mode switch that allows the unit to be operated in three different modes (see page 5 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 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) 582-2941

E-mail: 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.

PLEASE recycle the shipping carton whenever possible.

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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.

The Topaz EX™ 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. 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.

Fixture Cleaning:

Due to fog residue, smoke, and dust cleaning the internal and external lenses 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. 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.

Safety Issues: This unit may blow the breaker if the maximum allotted load of 5 amps is reached. If the breaker needs replacement, always replace the breaker with same exact type that was removed, unless otherwise instructed by an authorized American DJ® service technician. Use of a different type breaker from that which is recommended may cause fire or electric shock and will void the manufacturer's warranty.

- To reduce the risk of electrical shock or fire, do not expose this unit to 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
- 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 plug this unit into a dimmer pack
- Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6" (15cm) between this device and a wall
- 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 a safe and stable manner
- 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 3 for cleaning details
- Heat -The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- 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 unit.
 - C. The unit has been exposed to rain or water.
 - D. The unit does not appear to operate normally or exhibits a marked change in performance.

Power Supply: Before plugging your unit in, be sure the source voltage in your area matches the required voltage for your American DJ® Topaz EX™ 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 Topaz EX™ is ready to be plugged in, out of the box. There is no power switch, after plugging the unit the unit's internal beveled glass gobo will remain static, while the outside multi-color dish respond to whatever mode you are in. The unit will create multi-colored patterns that will simulate the rippling effect of water. If there is no lamp output check the fuse and bulb. If the fuse and bulb are good, please return the unit for servicing.

Operating Modes:

This unit comes with a 3-way multi-operating switch located on the rear of the unit. The switch controls three different operating modes; Static, Sound Active, and Continuous Rotation.

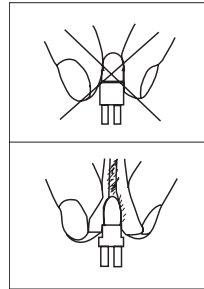
Switch in the "I" position: Mode 1 - In this mode the multi-colored mirror dish will spin continuously in clockwise direction, regardless of the presence of sound.

Switch in the "0" position: Mode 2 - In this mode the multi-colored mirror dish will remain static. In this mode the unit may be used as a projector.

Switch in the "II" position: Mode 3 - In the this mode the outer multi-colored mirror dish will react 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.

Focusing:

The unit has a fully focusing lens. The lens is focused by manually turning the lens in either a clockwise or counter-clockwise direction.



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 and fuse, 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 and/or fush 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.

Fuse Replacement: Locate and remove the unit's power cord. Once the cord has been removed located the fuse holder located inside the power socket. Insert a flat-head screw driver into the power socket and gently pry out the fuse holder. Remove the bad fuse and replace with a new one. The fuse holder has a built-in socket for a spare fuse be sure not to confuse the spare fuse with active fuse.

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 single thumb screw located on the front right of the unit.
3. Once the thumb screw has been removed, pull the lamp assembly cover plate to the right to expose the lamp.
4. Slide the lamp out and replace the lamp with an exact match.
5. Reassemble in reverse order.

Removing the beveled glass gobo is easy:

1. Unscrew the single thumb screw located on the front right of the unit. Same as the lamp cover.
2. Once the thumb screw has been removed, unscrew the small retainer nut that holds the gobo in place.
3. Slide the glass gobo holder out.
4. Reassemble in reverse order.

Trouble Shooting:

Listed below are a few common problems and solutions you should try before contacting 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 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.
3. Be sure the lamp is good.

Unit does not rotate and lamp does not turn on;

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

MANUFACTURER'S LIMITED WARRANTY

A. American DJ, Inc. hereby warrants, to the original purchaser, American DJ and American Audio products to be free of manufacturing defects in material and workmanship for a prescribed period from the date of purchase (see specific warranty period on reverse). 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 you must obtain a Return Authorization number (RA#) before sending back the product. Contact American DJ, Inc. Service Department at 800-322-6337. Send the product only to the American DJ, Inc. 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, Inc. 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 it's original package. No accessories should be shipped with the product. If any accessories are shipped with the product, American DJ, Inc. 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, Inc. concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the American DJ, Inc. factory unless prior written authorization was issued to purchaser by American DJ, Inc.; 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, Inc. will replace defective parts at its expense with new or refurbished parts, 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, Inc. 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, Inc. 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. 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, Inc. 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, Inc. be liable for any loss or damage, direct or consequential, arising out of the use of, or inability to use, this product.

This warranty is the only written warranty applicable to American DJ and American Audio Products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

MANUFACTURER'S LIMITED WARRANTY PERIODS:

- All American Audio Products = 1-year (365 day) Limited Warranty (except V-Plus Series Amplifiers)
- All American Audio V-Plus Series Amplifiers = 3-year (1095 day) Limited Warranty
- American DJ Lighting and American DJ Branded Products = 1-year (365 day) Limited Warranty (Such as: Special Effect Lighting, Intelligent Lighting, UV lighting, Strobes, Fog Machines, Bubble Machines, Mirror Balls, Par Cans, Trussing, Lighting Stands etc. excluding Laser Products, lamps, and Star Tec Series)
- American DJ Laser Products and Star Tec Products = 90-Day Limited Warranty
- American DJ L.E.D. Products = 3-year (1095 day) Limited Warranty (excluding motors which have a 1-year (365 day Limited Warranty)

Technical Specifications:**Model: Topaz EX™**

Voltage:	120v~60Hz / 230v~50Hz
Lamp:	ZB-ELC 24v/250w
Breaker:	7 Amp
Dimensions:	12.25" L x 8.5" W x 11.0" H
Colors:	Multi-Colored Mirror
Weight:	14.5 Lbs./ 6.8 Kgs.
Ventilation:	Fan Cooled
Warranty:	1 Year (365 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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American DJ World Headquarters:
4295 Charter Street Los Angeles, CA 90058 USA
Tel: 323-582-2650 / Fax: 323-582-2610

Web: www.americandj.com / E-mail: info@americandj.com