

American DJ®

Copter-Sphere



User Instructions

American DJ
4295 Charter Street
Los Angeles Ca. 90058
www.americandj.com

COPPER-SPHERE™

Unpacking

Thank you for purchasing the Copter-Sphere™ by American DJ®. Every Copter-Sphere™ 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.

Copter-Sphere™

Introduction

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) 582-2610

E-mail: 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 warranty. In the unlikely event your unit may require service please contact your nearest American DJ dealer.

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

Safety Issues: This unit may blow a fuse if the maximum allotted load of 4 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 manufactures warranty.

COPTER-SPHERE™

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.

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Precautions

- Keep the outside of this device dry at all times. Do not spill water or other liquids into or on to your unit. To prevent fire or shock hazard, do not expose this product to rain or moisture.
- Be sure to save the packing carton in the event you may have to return the unit for service.
- This unit is designed for interior use only. Do not use this unit outdoors. Use of product outdoors will void the warranty.
- 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.
- Always route your power cord out of the way of foot traffic.
- 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 the rare case of an internal short.
- Disconnect the unit's main power when left unused for long periods of time.
- 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.
- Never block the ventilation holes.
- Do not attempt to operate this unit, if it becomes damaged in any way.
- Never operate this unit when it's cover is removed.
- This unit is for adult use only. Keep out of the reach of children.

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Power Supply

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

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Features

- Vibrantly Multi Colored Beams.
- 8 RPM Motor.
- Easy Lamp Replacement.
- Light Weight, Compact Case Design.
- Built-In Mounting Plate.
- Bright ZB-64514 120v/300w Lamp
- Low Power Consumption (about 2 amps).

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Operation

Introduction:

Thank you for purchasing the American DJ® Copter-Sphere™ 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 modern version of the classic helicopter. The Copter-Sphere™ is a multicolored rotating centerpiece effect. This unit spins at 8 RPM and emits bright and vibrant colorful beams of light. This unit is designed for mobile DJ's, bands, roller rinks or any arena that requires a compact light.

General Operation:

Simplicity! 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 Copter-Sphere™ is ready to be plugged in, out of the box. There is no power switch, after plugging the unit the unit will slowly light up and rotate in a single direction. If there is no lamp output check the fuse and bulb. If the fuse and bulb are good, please return the unit for servicing.

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Halogen Lamp Warning

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 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 or fuse 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: 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 old fuse and discard it, replace the fuse with the same type. Insert the fuse holder back into it's housing and turn in clockwise direction to lock the holder in place.

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. Locate the lamp cover assembly on the top of the unit and remove the two thumb screws on that secure the lamp cover to the unit. Remove the lamp cover to expose the lamp socket assembly.
3. Carefully pull up the upper half of the dome to expose the lamp.
4. Remove and replace the lamp.
5. Reassemble in reverse order.

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Warranty Registration

The Copter-Sphere™ 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.

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.

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Trouble Shooting

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 external fuse has not blown. The fuse is located on the side panel of the unit.
3. Be sure the unit is properly seated in the power outlet and the outlet has power.

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 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.

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Technical Specifications:**Model: Copter-Sphere™**

Lamp:	ZB-64514 120v 300w
Fuse:	4A GMA
Power:	110V/60Hz
Optics:	Multi-colored Lenses
Movement:	8 r.p.m.
Ventilation:	Conventional
Working Position:	Any
Weight:	4 lbs.
Size:	8" x 8" x 8"
Duty Cycle:	10 min. on 10 min. off

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

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