

# American DJ® SPECTRUM FX1



## User Instructions

*American DJ*  
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### Spectrum FX1

### Unpacking

Thank you for purchasing the Spectrum FX1 by American DJ®. Every Spectrum FX1 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.

### Spectrum FX1

### 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](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) 582-2941

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.***

**Safety Issues:** This unit may blow a fuse if the maximum allotted load of 5 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.

## Spectrum FX1

## 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.

## Spectrum FX1

## 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 out doors. 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.

## Spectrum FX1

## Operation

**Introduction:** Thank you for purchasing the Spectrum FX1 by American DJ®. This unit includes a hanging bracket and may be hung or set on a flat surface. For best results, use a fog or haze machine to enhance the beam output. Please read the following instructions before installing or operating your new Spectrum FX1.

**Operating Instructions:** Plug the unit in to a matching power outlet or into a power pack. Light output will be immediate when the unit is powered on. The unit must receive a sound source to operate normally.

**Mounting:** When used with included mounting bracket, this unit may be mounted in any safe position or set on a flat stable surface.

**Caution!** Be sure not to obstruct cooling vents and keep this unit in a well ventilated area. Never open the unit while in use.

## Spectrum FX1

## 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 your unit back in.

Cleaning frequency depends on the environment in which the fixture operates (I.E. smoke, fog residue, dust, dew).

## **Spectrum FX1**

## **Warranty Registration**

The Spectrum FX1 carries a 1 year limited warranty. We recommend you 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.

## **Spectrum FX1**

## **Fuse Replacement**

Disconnect from the main power supply. Insert a standard flat head screw driver in to the fuse holder housing, located on the back of the unit. 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 back into it's housing.

## **Spectrum FX1**

## **Warranty**

### **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 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 warranty

## Technical Specifications:

### **Model: Spectrum FX1**

<b>Lamp:</b>	46 LED's; 16R, 15G, & 15B (5mm)
<b>Voltage*:</b>	110v~120v / 60Hz or
<b>Power Wattage:</b>	15W
<b>Dimensions:</b>	10.25"(L) x 9"(W) x 8.25"(H)
<b>Colors</b>	3
<b>Weight:</b>	14.5Lbs./ 2.0Kgs.
<b>Fuse:</b>	2 Amp
<b>Sound Active:</b>	Yes
<b>Working Position:</b>	Any Safe position

\* Operating voltage is preset at the factory.

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