

# American DQ®

Quality, Affordable & Reliable Products!

# Crusader®



## User Manual

**CAUTION! Read instructions before installing or plugging unit in.**

### SPECIFICATIONS: MODEL-Crusader™

Weight:	8 Lbs.
Dimensions:	6.25" x 6" x 14"
Lamp:	ZB-EXY 82v/250w
Fuse:	5A
Supply Voltage:	120V
Working Position:	Any Safe position
Colors:	4 Colors + White
Gobos:	1 Replaceable
Mirror:	Prism Type

### HALOGEN LAMP WARNING!

This fixture is fitted with halogen lamps which are highly susceptible to damage if improperly handled. Never touch lamp with bare fingers as the oil from your hands will shorten lamp life. Also, never move fixture until lamp has had ample time to cool. Remember, lamps are not covered under warranty conditions.

**Introduction:** Thank you for purchasing the Crusader™ by American DJ®. For your convenience the Crusader™ has been lamped and is ready for use, there is no assembly necessary. The Crusader™ may be hung or set on a flat surface. The Crusader™ comes with a 4-way prism mirrored. This prism crates a four (4) pattern reflection of the gobo. This fixture projects in split color combinations.

**Operating Instructions:** This unit comes with a 3-way operating switch located on the front of the unit. The switch controls three (3) different operating modes; Static, Sound Active, and Continuous Rotation. When the switch is in the "I" position the unit will react to the beat of music via its internal microphone. When the unit is in the "0" position the fixture will act as a static gobo projector, the gobo will not rotate nor will the colors change. When the switch is in the "II" position the unit's gobo and color wheels will rotate in a continuous pattern not reacting to a sound source.

### **Lamp and Fuse Replacement:**

Caution! To avoid the risk of electrical shock or injury never attempt to open up the unit while it is in use. Always disconnect the main power before attempting to replace the lamp or fuse. Remember to always replace with the exact same type lamp and fuse unless otherwise instructed to do so by an authorized American DJ® service technician.

**Lamp Replacement:** Remove the two thumb screws that are located on the front cover of the unit to expose the lamp. When the cover has been removed gently pull out the old lamp and remove it from the socket assembly. Replace with a new lamp being sure to only touch the outside of the reflector. Carefully insert the socket assembly back into the unit. Replace the cover and screw in the thumb screw.

**Warranty:** The American DJ® Crusader comes with a 90 day limited warranty. We recommend filling out the warranty registration card that came with your fixture to validate your warranty. For service please contact your American DJ® dealer.

### **Fixture 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 the unit back in.

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

### **Trouble Shooting:**

Listed below are a few common problems the you may encounter, with solutions.

#### **No light output from the unit;**

1. Be sure you have connected your unit into a standard 110V wall outlet.
2. Be sure the external fuse has not blown. The fuse located on the back panel.
3. 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.

#### **Unit does not respond to sound;**

1. Be sure the unit's mode switch is in the "I" position, this is the only mode that allows the unit to operate in sound active mode.
2. Low frequencies (bass) should cause the unit to react to sound. Tapping on the microphone, quiet or high pitched sounds may not activate the unit.

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