

# American DJ® **BAT**™ Owners Manual

Thank you for purchasing this American DJ® product. Please read the manual before installing or using your new unit.



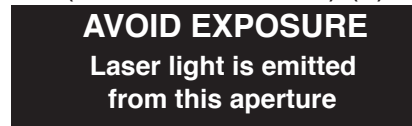
**CAUTION! Unit should be mounted in a manner that the emitted beam will not strike the audience.**

**WARNING:** Never Look Directly INTO Laser Beam

**CAUTION:** Use of controls, adjustments, or procedures other than those specified herein may result in hazardous radiation exposure.



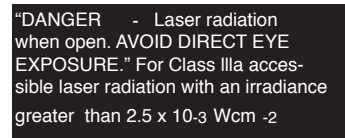
CHDR Warning Label (located on bottom) (4)



Aperture Label (located inside)



Certification Label (located inside)



Non Interlocking Housing Label (located on bottom) (7)

- 1. Fan
- 2. Power LED Indicator
- 3. CHDR Warning Label
- 4. Projection Aperture
- 5. Non Interlocking Housing Label
- 6. Mini plug External Power supply
- 7. Power Switch
- 8. Auto Speed Control
- 9. Mode Select
- 10. Program select knob
- 11. Program gain knob

**SPECIFICATIONS:** Diode: 4.9mW, Weight 1.5 lbs., Dimensions: 6.8" (L) x 5.5" (W) x 4.7" (H)  
Supply Voltage: AC 120V adapter AC, 240V adapter

**Caution! No user serviceable parts inside do not attempt repairs. In the event your unit should fail, contact AmericanDJ®. For service parts visit <http://parts.americandj.com>**

**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. Please see other side at the bottom for more information.

Voice: (800) 322-6337 Fax: (323) 582-2610 E-mail: [support@americandj.com](mailto:support@americandj.com)

**This Laser product complies with the CDRH/BRH Radiation Performance Standards. 21 CFR Subchapter J.**

**WARNING! This Product must not be used for audience scanning. To prevent fire or shock hazard, do not expose this product to a high temperature or high humidity area.**



American DJ®

## Product Description:

The Bat™ by American DJ® a new revolution in laser scanner effects! This portable, take anywhere 4.9 mW green laser has 16 pre-set geometric patterns. The Bat™ has three modes of operation: Auto Speed, Music Mode, & Manual control; up to 100 images may be created in Manual control. This compact, affordable laser is great for mobile DJ's, home Karaoke, small clubs, and special effects productions. DC power supply included. 100% mobile!

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## Operating Instructions:

### FUNCTIONS:

- DC power input socket (6) - Input power: 9VDC.
- Power Switch (7) Used to activate and deactivate laser Beam
- Auto Speed (8) Each geometric pattern changing speed can be adjusted from 2-10 seconds.
- Mode Select (9) - Auto / Music / Manual selectable from left to right.

Auto Mode: 16 pre-set geometric patterns to be executed in regular order, speed can be controlled by.

Music Mode: 16 pre-set geometric patterns to be executed in regular order, speed is controlled by built-in microphone.

Manual Mode: Geometric patterns can be selected by (10), (11).

- Manual Program(10), (11) - Geometric patterns can be selected by the two manual program knobs when in Manual Mode.

### OPERATION:

1. Before plugging your unit in, be sure the source voltage in your area matches the required voltage for your American DJ® Bat.™
2. Connect the power supply to the input jack on the Bat.™
3. Geometric shapes will appear after power switch (7) is turned on.
4. Function mode is controlled by mode selector (9).
5. Function Mode (9) may be selected from Auto, Manual, or Music Modes.

Auto Mode: 16 pre-set geometric patterns to be executed in regular order, speed can be controlled by Auto Speed (8).

Music Mode: 16 pre-set graphics to executed in regular order, speed can be controlled by built-in microphone.

Manual Mode: Graphics can be selected by (10), (11).

6. For safety, please turn off power switch after using and unplug power supply from power outlet.

**Additional Safety Notes:** This is a laser product, please avoid direct eye exposure. Please unplug unit when not in use. Do not expose this product to high temperature or humidity .

**The Bat™ 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.**

# LASER WARNINGS AND SAFETY

**CAUTION IMPORTANT!** When installing this projector, make sure that it is mounted in a manner that prevents the audience from looking directly into the beam, and the beam from striking the audience.

## NON-INTERLOCKED HOUSING WARNING

The Galaxian 3D contains high power laser devices internally. **Do not** open the laser housing, due to the potential exposure to unsafe levels of laser radiation. The laser power levels, if the unit is opened, can cause instant blindness, skin burns and fires.

## STOP AND READ ALL LASER SAFETY DATA OPERATION INSTRUCTIONS AND LASER SAFETY

The light source emitted from this product can potentially cause eye injury if not set up and used properly. The light source emitted from a laser is very different from any other light sources with which you may be aware of. Laser light is thousands of times more concentrated than any light from any other kind of light source. This concentration of light can cause instant eye injuries, primarily by burning the retina (the back of your eyeball containing cells that are sensitive to light). Even if you cannot feel “heat” from a laser beam, it can still potentially injure or blind you or your audience. Even very small amounts of laser beam light are potentially hazardous even at long distances. Laser eye injuries can be sustained faster than you can blink.

Do not think that because this laser splits the laser beam into hundreds of beams and that the laser beam is scanned out in high speed, that an individual laser beam is safe for eye exposure. This laser uses dozens of milliwatts of laser power (Class 3B levels internally) before it splits into multiple beams (Class 3R levels). Many of the individual beams are potentially hazardous to the eyes.

Do not think that because the laser light is moving, it is safe. This is not true. Nor, do the laser beams always move. Since eye injuries can occur instantly, it is critical to prevent even the smallest possibility of any direct eye exposure. In the laser safety regulation, it is not legal to aim Class 3R lasers in areas which people can get exposed. This is true even if it is aimed below people’s faces, such as on a dance floor.

**Do not operate the laser without first reading and understanding all safety and technical data in this manual.**

Always set up and install all laser effects so that all laser light is at least 3 meters (9.8 feet) above the floor on which people can stand. After setting up, and before public use, test laser to ensure proper function. Do not use if any defect is detected. Do not use if laser emits only one or two laser beams rather than dozens/hundreds, as this could indicate damage to the diffraction grating optic, and could allow emission of higher laser levels above Class 3R.

**Do not** point lasers at people or animals. Never look into the laser aperture or laser beams.

**Do not** point lasers in areas in which people can potentially get exposed, such as uncontrolled balconies, etc.

**Do not** point lasers at highly reflective surfaces, such as windows, mirrors and shiny metal. Even laser reflections can be hazardous.

**Never** point a laser at aircraft, this is a federal offense.

**Never** point un-terminated laser beams into the sky.

**Do not** expose the output optic (aperture) to cleaning chemicals.

**Do not** use laser if the laser appears to be emitting only one or two beams.

**Do not** use the laser if the housing is damaged, the housing is open, or if the optics appear damaged in any way.

**Never** open the laser housing. The high laser power levels inside of the protective housing can start fires, burn skin and will cause instant eye injury.

**Never** leave this device running unattended.

The operation of a class 3R laser show is only allowed if the show is controlled by a skilled and well-trained operator, familiar with the data included in this manual.

The legal requirements for using laser entertainment products vary from country to country. The user is responsible for the legal requirements at the location/country of use.

Always use proper lighting safety cables when hanging lights and effects overhead.