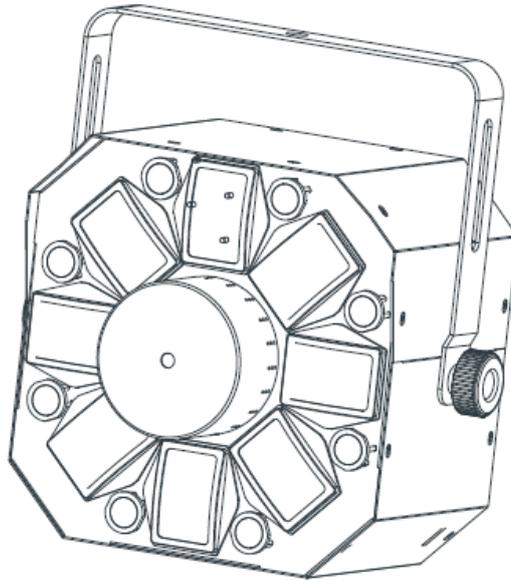




STINGER II



User Instructions

Startec
SERIES
by ADJ

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GENERAL INFORMATION

Unpacking: Thank you for purchasing the Stinger II by ADJ Products, LLC. Every Stinger II 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 fixture for any damage and be sure all equipment necessary to operate the unit 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 this unit to your dealer without contacting customer support first.

Introduction: The Stinger II is a DMX intelligent LED moonflower, strobe, & laser fixture. The Stinger II has 2 DMX channel modes, a 2 channel mode and 9 channel mode. The fixture can operate in as a stand alone fixture or in a Master/Slave configuration. The Stinger II has three operating modes; sound active, show mode, and DMX Control. *For best results use fog or special effects smoke to enhance the beams projections.*

Customer Support: If you encounter any problems, please contact your trusted American Audio shop. We also offer the possibility, to contact us directly: You can contact us via our website www.americandj.eu or via email: support@americandj.eu

Warning! To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.

Caution! *This may cause eye damage. Avoid looking directly into the light source. Use sensible precaution.*

GENERAL INSTRUCTIONS

To optimize the performance of this product, please read these operating instructions carefully to familiarize yourself with the basic operations of 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.

FEATURES

- 2 DMX Channel Mode's: 2 Channel and 9 Channel)
- 3 Operating Modes - Sound Active, Show Mode, & DMX Control
- RGBWAP Hex LED's
- UV LED's
- Green & Red Lasers
- Internal Microphone
- Digital Display for Address and Function Setting
- Power Cord Daisy Chain
- UC IR Compatible (Not Included) & Airstream Compatible

HANDLING PRECAUTIONS

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 ADJ Products, LLC.

During operation the housing may become extremely hot. Avoid touching the unit with bare hands while in use.

ADJ Products, LLC will not accept any liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to this unit.

SAFETY PRECAUTIONS



Safety Issues: This unit may “pop” the fuse if the maximum allotted load of 2 amps is reached.

- To reduce the risk of electrical shock or fire, do not expose this unit rain or moisture.
- Do not spill water or other liquids into or on to your unit.
- 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. Do not attempt to operate this unit if the power cord has been frayed or broken.
- 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.
- 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 safe and stable matter.
- 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 14 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.

LASER WARNINGS AND SAFETY

NON-INTERLOCKED HOUSING WARNING

The Stinger II 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

LASER WARNINGS AND SAFETY (continued)

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.

SET UP

Power Supply: The ADJ Stinger II contains an automatic voltage switch, which will auto sense the voltage when it is plugged into the power source. With this switch there is no need to worry about the correct power voltage, this unit can be plugged in anywhere.

DMX-512: *DMX is short for Digital Multiplex. This is a universal protocol used by most lighting and controller manufactures as a form of communication between intelligent fixtures and controllers.* A DMX controller sends DMX data instructions from the controller to the fixture. DMX data is sent as serial data that travels from fixture to fixture via the DATA "IN" and DATA "OUT" XLR terminals located on all DMX fixtures (most controllers only have a DATA "OUT" terminal).

DMX Linking: DMX is a language allowing all makes and models of different manufactures to be linked together and operate from a single controller, as long as all fixtures and the controller are DMX compliant. To ensure proper DMX data transmission, when using several DMX fixtures try to use the shortest cable path possible. The order in which fixtures are connected in a DMX line does not influence the DMX addressing. For example; a fixture assigned a DMX address of 1 may be placed anywhere in a DMX line, at the beginning, at the end, or anywhere in the middle. When a fixture is assigned a DMX address of 1, the DMX controller knows to send DATA assigned to address 1 to that unit, no matter where it is located in the DMX chain.

SET UP (continued)

Data Cable (DMX Cable) Requirements (For DMX and Master/Slave Operation): The Stinger II can be controlled via DMX-512 protocol. The Stinger II is has 2 DMX channel modes, a 2 channel mode and 9 channel mode. The DMX address is set electronically using the controls on the back panel of the unit. Your unit and your DMX controller require a approved DMX-512 110 Ohm Data cable for data input and data output (Figure 1). We recommend Accu-Cable DMX cables. If you are making your own cables, be sure to use standard 110-120 Ohm shielded cable (This cable may be purchased at almost all professional sound and lighting stores). Your cables should be made with a male and female XLR connector on either end of the cable. Also remember that DMX cable must be daisy chained and cannot be split.



Figure 1

Notice: Be sure to follow figures two and three when making your own cables. Do not use the ground lug on the XLR connector. Do not connect the cable's shield conductor to the ground lug or allow the shield conductor to come in contact with the XLR's outer casing. Grounding the shield could cause a short circuit and erratic behaviour.

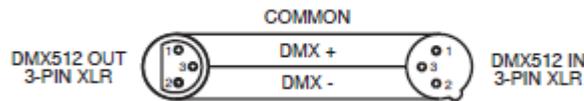


Figure 2



Figure 3

XLR Pin Configuration
Pin1 = Ground
Pin2 = Data Compliment (negative)
Pin3 = Data True (positive)

Special Note: Line Termination. When longer runs of cable are used, you may need to use a terminator on the last unit to avoid erratic behaviour. A terminator is a 110-120 ohm 1/4 watt resistor which is connected between pins 2 and 3 of a male XLR connector (DATA + and DATA -). This unit is inserted in the female XLR connector of the last unit in your daisy chain to terminate the line. Using a cable terminator (ADJ part number Z-DMX/T) will decrease the possibilities of erratic behaviour.



Termination reduces signal errors and avoids signal transmission problems and interference. It is always advisable to connect a DMX terminal, (Resistance 120 Ohm 1/4 W) between PIN 2 (DMX-) and PIN 3 (DMX +) of the last fixture.

Figure 4

5-Pin XLR DMX Connectors. Some manufactures use 5-pin XLR connectors for DATA transmission in place of 3-pin. 5-pin XLR fixtures may be implemented in a 3-pin XLR DMX line. When inserting standard 5-pin XLR connectors in to a 3-pin line a cable adaptor must be used, these adaptors are readily available at most electric stores. The chart below details a proper cable conversion.

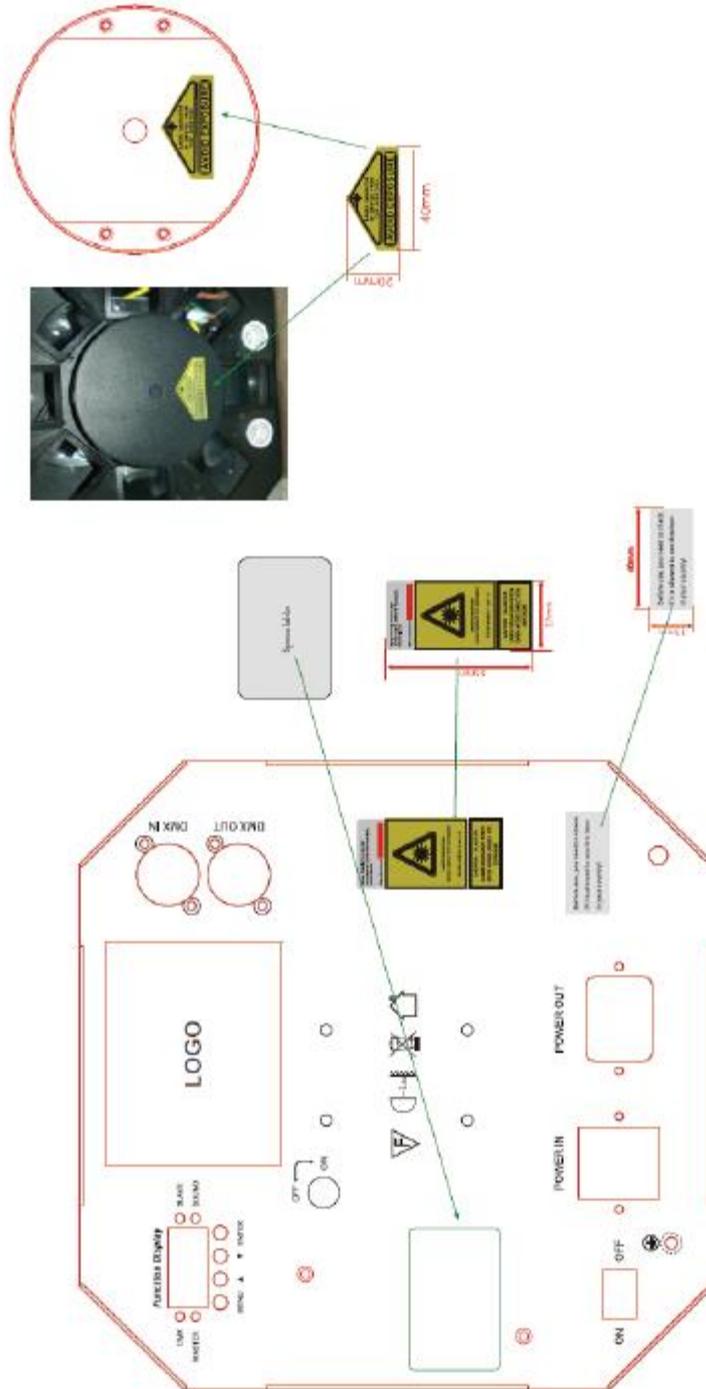
3-Pin XLR to 5-Pin XLR Conversion		
Conductor	3-pin XLR Female (Out)	5-pin XLR Male (In)
Ground/Shield	Pin 1	Pin 1
Data compliment (- signal)	Pin 2	Pin 2
Data True (+ signal)	Pin 3	Pin 3
Not used		Pin 4 - Do Not Use
Not used		Pin 5 - Do Not Use

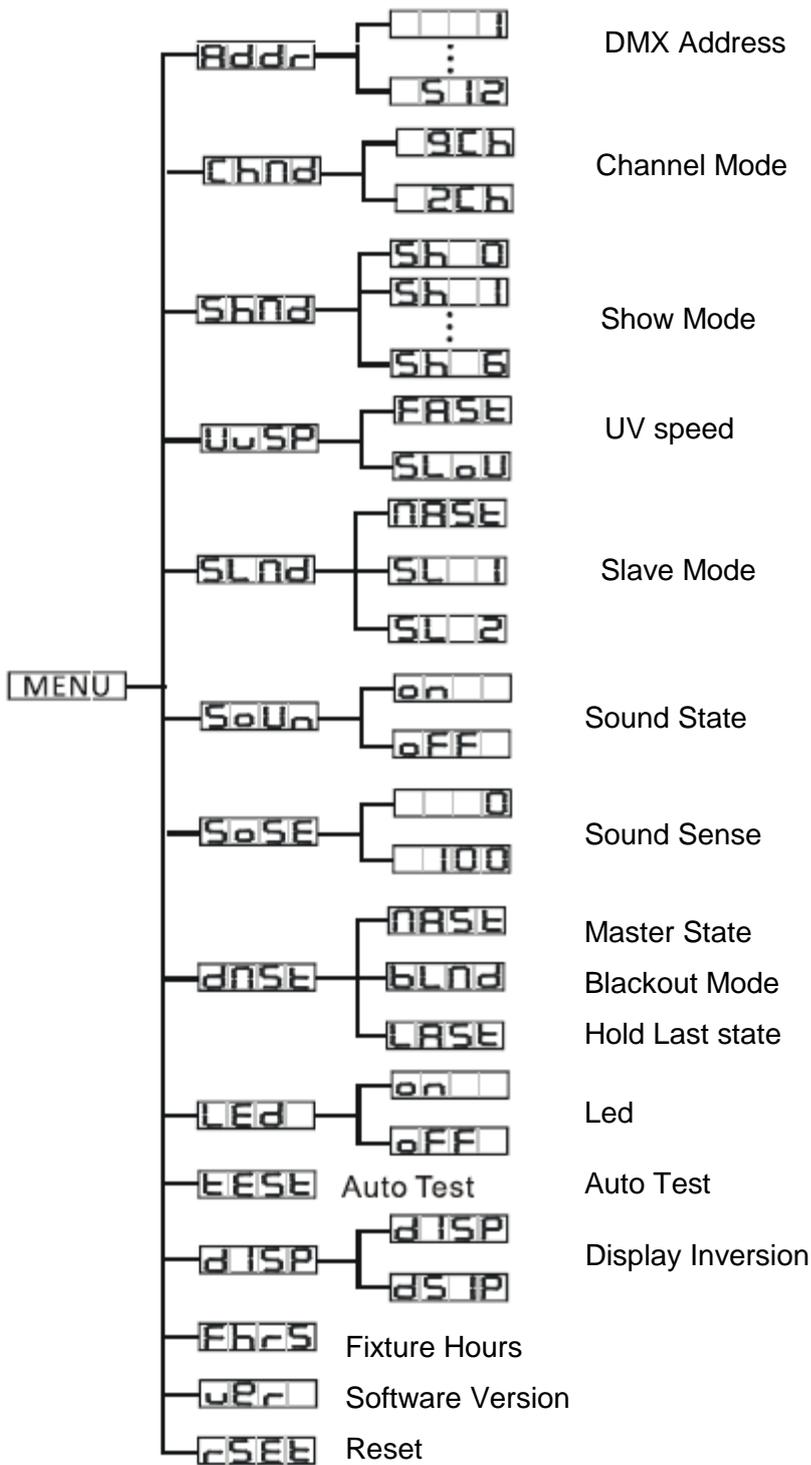
INSTALLATION

The unit should be mounted using a mounting clamp (not provided), affixing it to the mounting bracket that is provided with the unit. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. Always ensure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times the unit's weight. Also, always use a safety cable that can hold 12 times the weight of the unit when installing the fixture.

The equipment must be installed by a professional, and it must be installed in a place where it is out of the reach of people's grasp.

LASER WARNING LABELS





System Menu: When making adjustments press **ENTER** to confirm your setup then press and hold the **MENU** button for at least 3 seconds. To exit without making any adjustments press the **MENU** button. The display will lock after 30 seconds, press the **MENU** button for 3 seconds to unlock.

ADDR - DMX Address Setting.

1. Press the either the MENU, UP, or DOWN buttons until “**ADDR**” is displayed, press ENTER.
2. The current address will now be displayed and flashing. Press the UP or DOWN buttons to find your desired address. Press ENTER to set your desired DMX address.

CHND - This will let select your desired DMX channel mode.

1. Press the MENU button until “**CHND**” is displayed, press ENTER. The current DMX channel mode will be displayed
2. Press the UP or DOWN buttons to find your desired DMX channel mode and press ENTER to confirm and exit.

SHND - Show modes 0-7 (Factory programs).

1. Press the MENU button until “**SHND**” is displayed, press ENTER.
2. “**Sh X**” will now be displayed, “**X**” representing a number between 0-7. Shows 1-7 are factory programs, while show “0” is random mode. Use the UP or DOWN buttons to find your desired show.
3. When you have found your desired show press ENTER, then press and hold the MENU button for at least 3 seconds to activate. After you have set your desired show, it can be changed at any time using the UP or DOWN buttons.

UVSP - UV activation/speed control.

1. Press the MENU button until “**UVSP**” is displayed, press ENTER.
2. The display will show either “**FAST**” or “**SLOW**”. Use the UP and DOWN buttons to highlight your selection.
3. Press ENTER to confirm.

SLND - This will let you set unit as a master or slave in a master/slave configuration.

1. Press the MENU button until “**SLND**” is displayed, press ENTER. Either “**MAST**”, “**SL 1**”, or “**SL 2**” will be displayed.
2. Press the UP or DOWN buttons until your desired setting is displayed, press ENTER to confirm.

Note: In a Master/Slave configuration you can set one fixture to Master and then set the next fixture to “**SL 2**”, the fixtures will now have contrast movement to each other.

SOUN - Sound Active mode.

1. Press the MENU button until “**SOUN**” is displayed, press ENTER.
2. The display will show either “**ON**” or “**OFF**”. Press the UP or DOWN buttons to select “**ON**” to activate sound active mode, or “**OFF**” to deactivate sound active mode.
3. Press ENTER to confirm.

SOSE - In this mode you can adjust the sound sensitivity.

1. Press the MENU button until “**SOSE**” is displayed, press ENTER.
2. A number between 0-100 will be displayed. Press the UP or DOWN buttons to adjust the sound sensitivity. 0 being the least sensitive, and 100 being the most sensitive.
3. When you have found your desired setting press ENTER to confirm.

DNST - This mode can be used as a precaution mode, that in case the DMX signal is lost, interrupted, or power is lost, the operating mode chosen in the setup is the running mode the fixture will go into when the DMX signal is lost. You can also set this as the operating mode you would like the unit to return to when power is applied.

1. Press the MENU button until “**DNST**” is displayed, and either “**MASL**”, “**BLND**”, or “**LAST**” will be displayed beneath.
2. Press ENTER and the bottom choice will begin to flash. Use the UP or DOWN buttons to choose an operating mode you would like the unit to start up in when power is applied or the DMX signal is lost.
 - **LAST** - If the DMX signal is lost the fixture will stay in the last DMX setting. If power is applied and this mode is set, the unit will automatically go into the last DMX set up.
 - **MASL** (Master Slave) - If the DMX signal is lost or power is applied, the unit will automatically go into Master Slave mode and run a built-in show.
 - **BLND** (Blackout) - If the DMX signal is lost or interrupted, the unit will automatically go into stand by mode.
3. Press ENTER to confirm your desired set up.

SYSTEM MENU (continued)

LED - With this function you can have the LED display turn off after 10 seconds.

1. Press the MENU button until “LED” is displayed, press ENTER.
2. The display will show either “ON” or “OFF”. Press the UP or DOWN buttons to select “ON” to keep the LED display on at all times, or “OFF” to switch to have the LED display switch off after 10 seconds.

TEST - This function will run a self test program.

1. Press the MENU button until “TEST” is displayed, press ENTER.
2. The fixture will now run a self test.

DISP - This function will reverse the display 180°.

1. Press the MENU button until “DISP” is displayed, press ENTER.
2. Press ENTER to “flip” the display. Press ENTER to “flip” it again. Press ENTER when you have made your desired setup.
3. Press ENTER to confirm. To make you LED display reappear again press any button.

FHRS - With this function you can display the running time of the unit.

1. Press the MENU button until “FHRS” is displayed, press ENTER.
2. The running time of the fixture will now be displayed. Press MENU to exit.

VER - Use this function to display the Software version of the unit.

1. Press the either the MENU button until “VER” is displayed, press ENTER.
2. The display will show the software version.

RSET - This function will reset the unit.

1. Press the MENU button until “RSET” is displayed. Press the ENTER button and the unit will reset itself.

OPERATION

Universal DMX Control: This function allows you to use a universal DMX-512 controller to control the patterns, rotation and strobing. A DMX controller allows you to create unique programs tailored to your individual needs.

1. The Stinger II is a 2 DMX channel channel modes; a 2 channel mode and 9 channel mode. See pages 13-14 for detailed description of the DMX values and traits.
2. To control your fixture in DMX mode, follow the set-up procedures on pages 6-7 as well as the set-up specifications that are included with your DMX controller.
3. Follow the instructions on page 9 to set the DMX address.
4. For longer cable runs (more than a 100 feet) use a terminator on the last fixture.
5. For help operating in DMX mode consult the manual included with your DMX controller.

Sound Active Mode: This mode allows a single unit or several units linked together, to run to the beat of the music.

1. Press the MENU button until “Soun” is displayed, and press ENTER.
2. Press the UP or DOWN buttons to either activate sound active mode or deactivate, and press ENTER. The unit will now run to the beat of the music.
3. The sound sensitivity can be adjusted by pressing the MENU button until “Sose” is displayed, and then press ENTER. Use the UP or DOWN buttons to adjust the sound sensitivity, 0 being the least sensitive, and 99 being the most sensitive.

Show Mode: This mode allows a single unit or several units linked together, to run to a built-in program.

1. Press the MENU button until “Shnd” is displayed, and press ENTER.
2. Press the UP or DOWN buttons to find your desired show and press ENTER. The unit will now run your chosen built-in program.

MASTER-SLAVE SET UP

Master-Slave Operation: This function will allow you to link up to 16 units together and operate without a controller. In a Master-Slave set-up one unit will act as the controlling unit and the others will react to the controlling units programs. Any unit can act as a Master or as a Slave.

1. Using approved DMX data cables, daisy chain your units together via the XLR connector on the rear of the units. Remember the Male XLR connector is the input and the Female XLR connector is the output. The first unit in the chain (master) will use the female XLR connector only - The last unit in the chain will use the male XLR connector only. For longer cable runs we suggest a terminator at the last fixture.
2. On the Master unit press the MENU button until “**SLND**” is displayed, and press ENTER. Use the UP and DOWN buttons to scroll to the “**MAST**” setting and press ENTER.
3. After setting the Master unit to the master setting find and set your desired operating mode.
4. On the slave units press the MENU button until “**SLND**” is displayed, and press ENTER. Choose either “**SL 1**” or “**SL 2**” and press ENTER. See page 10 for more info.
5. The slave units will now follow the Master unit.

POWER CORD DAISY CHAIN

With this feature you can connect the fixtures to one another using the IEC input and output sockets. The quantity that can be connected is 10 fixtures maximum. After 10 fixtures you will need to use a new power outlet. They must be the same fixtures. DO NOT mix fixtures

EMERGENCY BLACKOUT

This emergency feature lets you instantly blackout the unit. Have the emergency key inserted into the keyhole at all times. To activate the emergency blackout feature turn it to the “Off” position. To reactivate the unit turn the key to the “On” position.

UC IR/AIRSTREAM CONTROL

The **UC IR (sold separately)** infrared remote gives you control of various functions (See below). To control the fixture you must aim the remote at the front of the fixture and be no more than 30 feet away.

The Stinger II comes with the **Airstream IR** remote transmitter. The **ADJ Airstream IR** is a universal infrared remote control App used to control a variety of UC IR compatible fixtures. You can download the Airstream IR App in the iOS App store. The remote transmitter plugs into the headphone jack of your iOS phone or tablet. The App comes with 3 pages of control depending on the IR fixture you are using. Please see your fixtures user manual for the UC IR controls and corresponding App page. Additional Airstream IR transmitters are available for purchase please contact your ADJ dealer.

Works with App page 1.

STAND BY - Pressing this button will blackout the fixture. Press the button again to return to the initial state.

FULL ON - Hold this button down to fully light up the unit. When you let the button go, the unit will return to its previous state.

STROBE - Press and hold this button for strobing.

FADE/GOBO - This button is invalid for this fixture.

“**DIMMER +**” and “**DIMMER -**” - These buttons are invalid for this fixture.

COLOR - Press this button to activate color mode. Use buttons 1-9 to find your desired color.

1-9 - Use buttons 1-9 to select your desired color when color mode is active.

SOUND ON & OFF - Use the buttons to activate and deactivate sound active mode.

SHOW 0 - Press this button to activate show mode. Use buttons 1-6 to find your desired show.

2 CHANNEL MODE

Channel	Value	Function
1	0 - 9 10 - 44 45 - 79 80 - 114 115 - 149 150 - 184 185 - 219 220 - 255	SHOW MODE NO FUNCTION SHOW 1 SHOW 2 SHOW 3 SHOW 4 SHOW 5 SHOW 6 RANDOM SHOW
2	0 - 247 248 - 255	SHOW SPEED/SOUND SENSE SHOW SPEED SLOW - FAST SOUND ACTIVE

9 CHANNEL MODE

Channel	Value	Function
1	0 - 9 10 - 44 45 - 79 80 - 114 115 - 149 150 - 184 185 - 219 220 - 255	SHOW MODE NO FUNCTION SHOW 1 SHOW 2 SHOW 3 SHOW 4 SHOW 5 SHOW 6 RANDOM SHOW
2	0 - 9 10 - 198 199 - 225 226 - 255	COLOR MACRO NO FUNCTION COLOR CHANGE COLOR FADE 1 COLOR FADE 2
3	0 - 9 10 - 244 245 - 255	LED STROBE NO STROBE LED STROBE SLOW - FAST SOUND ACTIVE STROBING
4	0 - 134 135 - 255	UV LEADS BLACKOUT UV CHASE
5	0 - 127 128 - 255	UV LED STROBE & CHASE SPEED CHASE SLOW - FAST (NO STROBE) CHASE SLOW - FAST (STROBING)

9 CHANNEL MODE (continued)

Channel	Value	Function
6	0 - 9	LASERS
	10 - 49	BLACKOUT
	50 - 89	RED LASER
	90 - 129	GREEN LASER
	130 - 169	RED & GREEN LASERS
	170 - 209	RED & GREEN LASERS FLICKER
	210 - 249	GREEN & RED LASERS FLICKER LASERS
	250 - 255	RED & GREEN LASERS FLICKER SYNC RED & GREEN LASERS ALTERNATE FLICKER
7	0 - 9	LASER STROBE CONTROL
	10 - 244	NO STROBE
	245 - 255	STROBING SLOW - FAST
		SOUND ACTIVE STROBING
8	0 - 9	LED ROTATION
	10 - 127	NO ROTATION
	128 - 255	CLOCKWISE ROTATION SLOW - FAST
		COUNTER-CLOCKWISE ROTATION SLOW - FAST
9	0 - 127	LASER ROTATION
	128 - 255	LASER PATTERNS
		PATTERN CHASE SLOW - FAST

FUSE REPLACEMENT

Disconnect the unit from its power source. Remove the power cord from the unit. Once the cord has been removed, you will find that the fuse holder is 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 also has a holder for a spare fuse.

CLEANING

Fixture Cleaning: Due to fog residue, smoke, and dust cleaning the internal and external optical lenses and mirror should be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates (i.e. smoke, fog residue, dust, dew). In heavy club use we recommend cleaning on a monthly basis. Periodic cleaning will ensure longevity, and crisp output.

1. Use normal glass cleaner and a soft cloth to wipe down the outside casing.
2. Use a brush to wipe down the cooling vents and fan grill.
3. Clean the external optics and mirror 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.

TROUBLE SHOOTING

Trouble Shooting: Listed below are a few common problems that you may encounter, with solutions.

No light output from the unit;

1. Be sure the external fuse has not blown. The fuse is located on the rear panel of the unit.
2. Be sure the fuse holder is completely and properly seated.

Unit does not respond to sound;

1. 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.
3. Check the sound sensitivity level.

Model:	Stinger II
Voltage:	100V ~ 240V 50/60Hz
LED:	6 x 5W RGBAWP Hex LEDs 8 x 3W UV LEDs
Laser:	4.9mW Red & Green Laser Diodes
Power Draw:	70W
Fuse:	2A
Power Cord Daisy Chain::	10 Fixtures Max.
Dimensions:	12"(L) x 9"(W) x 9.75"(H) 304mm x 230.5mm x 9.75mm
Weight:	11 lbs. / 5 kgs
Colours:	RGBAWP
Duty Cycle:	None
DMX Channels:	2 DMX Modes: 2 & 9 Channels
Sound Active	Yes
Working Position:	Any Safe, Secure Position

Auto Sensing Voltage: *This fixture contains a automatic voltage switch, which will auto sense the voltage when it is plugged into the power source.*

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

Dear Customer,

The European Union has adopted a directive on the restriction / prohibition of the use of hazardous substances. This directive, referred to as ROHS, is a frequently discussed topic in the electronic industry.

It restricts, among other things, six materials: Lead (Pb), Mercury (Hg), hexavalent chromium (CR VI), cadmium (Cd), polybrominated biphenyls as flame retardant (PBB), polybrominated diphenyl, also a flame retardant (PBDE). The directive applies to nearly all electronic and electrical devices whose mode of operation involves electric or electromagnetic fields – in short: each kind of electronics we have around us in our households or at work.

As manufacturers of products of the brands of AMERICAN AUDIO, AMERICAN DJ, ELATION Professional and ACCLAIM Lighting, we are obligated to comply with the RoHS directive. Therefore, as early as two years prior to the directive coming into force, we started our search for alternative environmentally friendly materials and manufacturing processes.

Well before the RoHS directive took effect, all of our products were manufactured meeting the standards of the European Union. With regular audits and material tests we can still assure that the components we use are always RoHS-compliant and that the manufacturing process, as far as the state of technology allows, is environmentally friendly.

The ROHS directive is an important step to the protection of our environment. We, as manufactures, feel obligated to make our contribution in this respect.

WEEE – Waste of Electrical and Electronic Equipment

Every year thousands of tonnes of electronic components, which are harmful to the environment, end up at the waste disposals around the world. To ensure the best possible disposal or recovery of electronic components, the European Union has adopted the WEEE directive.

The WEEE-system (Waste of Electrical and Electronic Equipment) can be compared with the system of the “Green Spot”, which has been in use for several years. The manufactures have to make their contribution to the utilization of waste at the time they release the product. Money resources obtained by doing so will be applied to develop a common system of waste management. Thereby we can ensure professional and environmentally friendly scraping and recycling program.

As manufactures, we are part of the German system of EAR and we make our contribution towards it.

(Registration in Germany: DE41027552)

That means that products of AMERICAN DJ and AMERICAN AUDIO can be left in the collection points free of charge and they will be used in the recycling program. Products of ELATION Professional, which are used only by professionals, shall be handled by us. Please send Elation products directly to us at the end of their lifetime so that we can professionally dispose of them.

Like the above ROHS, the WEEE directive is an important contribution to the environment protection and we are glad to help to clean the environment with this disposal system.

We are happy to answer any of your inquiries and welcome your suggestions at: info@americandj.eu

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