MINI DEKKER LZR

User Instructions

Startec
by ADJ

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8/16
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**INozione**

**Introduction**

Thank you for purchasing the Mini Dekker LZR by ADJ Products, LLC. Every Mini Dekker LZR 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 accessories necessary to operate the unit has arrived intact. In the case damage has been found or parts are missing, please contact our toll free customer support number for further instructions. Do not return this unit to your dealer without first contacting customer support.

**Introduction:** The Mini Dekker LZR is part of ADJ’s continuing pursuit for creating high quality affordable intelligent fixtures. The Mini Dekker LZR is a DMX intelligent LED mooflower effect with laser. This fixture can be used in a stand alone mode or connected in a Master/Slave configuration. This fixture has three operating modes: Sound Active mode, Show mode, and DMX control.

**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!** 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.

**PLEASE recycle the shipping carton when ever possible.**

**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**

- Includes Hanging Yoke
- 3 Operating Modes: Show Mode, Sound Active, & DMX Control
- Light Weight
- Strobing
- Electronic Dimming 0-100%
- Built in Microphone
- DMX-512 protocol
- 2 DMX Channel Modes: 2 Channels & 7 Channels
SAFETY PRECAUTIONS

• 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.
• 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. 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.
• 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.
• Never operate this unit when it’s cover is removed.
• Never plug this unit in to a dimmer pack
• 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-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the point they exit from the unit.
• 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 appliance.
  C. The appliance has been exposed to rain or water.
  D. The appliance does not appear to operate normally or exhibits a marked change in performance.
DMX SET UP

Power Supply: The ADJ Mini Dekker LZR contains a 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 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.

Data Cable (DMX Cable) Requirements (For DMX Operation): The Mini Dekker LZR has two DMX channel modes; a 2 channel mode and 7 channel mode. The DMX address is set electronically using the controls on the rear 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. 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.

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 behavior.

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 behavior. 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 behavior.

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.
**DMX SET UP (continued)**

**5-Pin XLR DMX Connectors.** Some manufactures use 5-pin DMX-512 data cables for DATA transmission in place of 3-pin. 5-pin DMX fixtures may be implemented in a 3-pin DMX line. When inserting standard 5-pin data cables 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.

<table>
<thead>
<tr>
<th>Conductor</th>
<th>3-pin XLR Female (Out)</th>
<th>5-pin XLR Male (In)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground/Shield</td>
<td>Pin 1</td>
<td>Pin 1</td>
</tr>
<tr>
<td>Data compliment (- signal)</td>
<td>Pin 2</td>
<td>Pin 2</td>
</tr>
<tr>
<td>Data True (+ signal)</td>
<td>Pin 3</td>
<td>Pin 3</td>
</tr>
<tr>
<td>Not used</td>
<td>Do Not Use</td>
<td></td>
</tr>
<tr>
<td>Not used</td>
<td>Do Not Use</td>
<td></td>
</tr>
</tbody>
</table>

**LAYOUT**

1. Function Display: Used to show the various menus and the selected functions.
2. Button:

<table>
<thead>
<tr>
<th>Button</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>MENU</td>
<td>To select the programming functions</td>
</tr>
<tr>
<td>UP</td>
<td>To go forward in the selected functions</td>
</tr>
<tr>
<td>DOWN</td>
<td>To go backward in the selected functions</td>
</tr>
<tr>
<td>ENTER</td>
<td>To confirm the selected functions</td>
</tr>
</tbody>
</table>

3. DMX IN/OUT: For DMX512 links, use 3-pin XLR plug cable to link the unit together.
4. POWER IN: Used to connect to supply power.
5. Key for Laser: To turn on/off the laser Led. (Only for EU version)
SYSTEM MENU (continued)

DMX Address
Channel Mode
Show Mode
Show Speed
Slave Mode
Sound State
Sound Sense
Master Mode
Blackout Mode
Hold Last state
Led
Strobe
Auto Test
Display Inversion
Fixture Hours
Software Version
Reset
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 0-2 (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 0-6. Shows 1-2 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.

**SPEE - Show mode speed.**
1. Press the MENU button until “SPEE” is displayed, press ENTER.
2. A number between 0-100 will now be displayed, the number is the current speed setting. Use the UP or DOWN buttons to adjust the show speed. “0” being the slowest speed and “100” being the fastest.
3. Press ENTER to set the speed then press and hold the MENU button for at least 3 seconds to show mode.

**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.

**NODN - 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 this setup is the running mode the fixture will revert to. 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 “NODN” 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.

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• **HOLD** - 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.

• **PRGN** (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.

• **BLAC** (Blackout) - If the DMX signal is lost or interrupted, the unit will automatically go into standby mode.

3. Press ENTER to confirm your desired set up.

**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.

**STRO** - This will activate strobing.

1. Press the MENU button until “STRO” is displayed, press ENTER.
2. Use the UP or DOWN buttons to activate strobing or deactivate it.

**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 your 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.

**OPERATING INSTRUCTIONS**

**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 Mini Dekker LZR has two DMX channel modes; a 2 channel mode and a 7 channel mode. See pages 12-13 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 10 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 “Sound” 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 turning the sound sensitivity knob located on the back of the unit. Turning the knob clockwise is most sensitive and turn it counter-clockwise is least 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 “Show” is displayed, and press ENTER to activate.
**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 standard XLR microphone 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. Set the Master to your desired operating mode.
3. Set the Slave unit(s) to address “001”.
4. The slave unit(s) will now follow the Master unit.

**UC IR/AIRSTREAM APP 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 Mini Dekker LZR is also compatible with the **Airstream IR** app. The IR transmitter is available through any ADJ dealer or through the ADJ parts website. Plug the transmitter into the headphone jack of your iOS phone or tablet. To control your IR fixture you must raise the volume to the maximum on your iOS phone or tablet and aim the transmitter at the front of the fixture and be no more than 15 feet away. After you have purchased the Airstream IR transmitters, the app is a free download from the app store for your iOS phone or tablet. The app comes with 3 pages of control depending on the IR fixture you are using. Please see below for IR functions including the corresponding app page.

**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 select a color. 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. Use buttons 0-2 to select your desired show when in show mode.

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

**SHOW 0** - Press this button to activate show mode and press this button again to activate random show (Show 0). Use buttons 1 & 2 to run either show 1 or show 2.

<table>
<thead>
<tr>
<th>2 CHANNEL DMX MODE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Channel</strong></td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

**CAD DRAWING**
### 7 CHANNEL DMX MODE

<table>
<thead>
<tr>
<th>Channel</th>
<th>Value</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0 - 9</td>
<td>SHOW MODE</td>
</tr>
<tr>
<td></td>
<td>10 - 89</td>
<td>NO FUNCTION</td>
</tr>
<tr>
<td></td>
<td>90 - 169</td>
<td>SHOW 0 (LED, LASER, &amp; STROBE)</td>
</tr>
<tr>
<td></td>
<td>170 - 255</td>
<td>SHOW 1 (LED)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SHOW 2 (LASER)</td>
</tr>
<tr>
<td>2</td>
<td>0 - 9</td>
<td>RGBW COLOR MACRO</td>
</tr>
<tr>
<td></td>
<td>10 - 198</td>
<td>NO FUNCTION</td>
</tr>
<tr>
<td></td>
<td>199 - 225</td>
<td>15 COLOR COMBINATIONS</td>
</tr>
<tr>
<td></td>
<td>226 - 255</td>
<td>COLOR FADE (1 COLOR) SLOW-FAST</td>
</tr>
<tr>
<td></td>
<td></td>
<td>COLOR FADE (MIXED) SLOW - FAST</td>
</tr>
<tr>
<td>3</td>
<td>0 - 9</td>
<td>LED STROBE</td>
</tr>
<tr>
<td></td>
<td>10 - 244</td>
<td>STROBE OFF</td>
</tr>
<tr>
<td></td>
<td>245 - 255</td>
<td>STROBING SLOW - FAST</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SOUND ACTIVE STROBE</td>
</tr>
<tr>
<td>4</td>
<td>0 - 9</td>
<td>LASER COLOR CONTROL</td>
</tr>
<tr>
<td></td>
<td>10 - 49</td>
<td>LASER OFF</td>
</tr>
<tr>
<td></td>
<td>50 - 89</td>
<td>RED</td>
</tr>
<tr>
<td></td>
<td>90 - 129</td>
<td>GREEN</td>
</tr>
<tr>
<td></td>
<td>130 - 169</td>
<td>RED &amp; GREEN</td>
</tr>
<tr>
<td></td>
<td>170 - 209</td>
<td>RED ON, GREEN FLASH</td>
</tr>
<tr>
<td></td>
<td>210 - 249</td>
<td>GREEN ON, RED FLASH</td>
</tr>
<tr>
<td></td>
<td>250 - 255</td>
<td>RED &amp; GREEN FLASH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>RED &amp; GREEN ALTERNATE FLASH</td>
</tr>
<tr>
<td>5</td>
<td>0 - 244</td>
<td>LASER STROBING</td>
</tr>
<tr>
<td></td>
<td>245 - 255</td>
<td>STROBING SLOW - FAST</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SOUND ACTIVE STROBE</td>
</tr>
<tr>
<td>6</td>
<td>0 - 127</td>
<td>LED MOTOR CONTROL</td>
</tr>
<tr>
<td></td>
<td>128 - 255</td>
<td>SELECT MOTOR POSITION</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ROTATION SLOW - FAST</td>
</tr>
<tr>
<td>7</td>
<td>0 - 127</td>
<td>LASER MOTOR CONTROL</td>
</tr>
<tr>
<td></td>
<td>128 - 255</td>
<td>LASER PATTERNS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PATTERN CHASE SLOW - FAST</td>
</tr>
</tbody>
</table>

### 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 screwdriver 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.

### 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 fuse has not blown. The fuse is located on the rear panel.

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.

**CLEANING**

**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). In heavy club use we recommend cleaning on a monthly basis. Periodic cleaning will ensure longevity, and crisp output.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model:</th>
<th>Mini Dekker LZR</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LEDs:</strong></td>
<td>2 x 10W RGBW LEDs</td>
</tr>
<tr>
<td><strong>Laser:</strong></td>
<td>30mW Green Laser</td>
</tr>
<tr>
<td></td>
<td>100mW Red Laser</td>
</tr>
<tr>
<td><strong>Voltage:</strong></td>
<td>100<del>240v 50Hz</del>60Hz</td>
</tr>
<tr>
<td><strong>Power Consumption:</strong></td>
<td>33W</td>
</tr>
<tr>
<td><strong>Beam Angle:</strong></td>
<td>120 Degrees</td>
</tr>
<tr>
<td><strong>Dimensions:</strong></td>
<td>8&quot;(L) x 7.75&quot;(W) x 8.5&quot;(H)</td>
</tr>
<tr>
<td></td>
<td>205 x 198 x 218mm (W/ Bracket)</td>
</tr>
<tr>
<td></td>
<td>8&quot;(L) x 7.75&quot;(W) x 5.75&quot;</td>
</tr>
<tr>
<td></td>
<td>205 x 198 x 147mm (w/o Bracket)</td>
</tr>
<tr>
<td><strong>Weight:</strong></td>
<td>4 Lbs./1.7 Kgs</td>
</tr>
<tr>
<td><strong>DMX Channels:</strong></td>
<td>2 DMX Channel Modes: 2 Channel &amp; 7 Channel Mode</td>
</tr>
<tr>
<td><strong>Fuse:</strong></td>
<td>2 Amp</td>
</tr>
<tr>
<td><strong>Duty Cycle:</strong></td>
<td>None</td>
</tr>
</tbody>
</table>

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

**Auto Sensing Voltage:** This fixture contains a automatic voltage switch, which will auto sense the voltage when it is plugged into the power source.
ROHS - A great Contribution to the Conservation of Environment

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 manufacturers, 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