

ADJ SP4LED™ DMX SWITCH PAK



User Instructions

SP4LED

Introduction

Unpacking: Thank you for purchasing the SP4LED by American DJ®. Every SP4LED 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 American DJ® SP4LED is part of a continuing pursuit to create high quality intelligent lighting and lighting control. The SP4LED is a 4-Channel DMX switch pack designed to turn LED fixtures on and off using a universal DMX controller. Up to 128 SP4LEDs may be daisy-chained in one DMX chain. There are 8 power inputs on the front of the controller to plug your lighting fixtures into.

Customer Support: American DJ provides a 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 for any comments or suggestions. Service Hours are Monday through Friday 8:00 a.m. to 4:30 p.m. Pacific Standard Time.

Voice: (323) 582-3322
Fax: (323) 582-3108
E-mail: support@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.

SP4LED**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.

SP4LED**Features**

- Five Operating Modes
- Built in Microphone
- DMX-512 protocol
- 3-Pin DMX Connection
- Up to 128 SP4LEDs may be Daisy-Chained together via DMX
- 3 DMX Channel Modes: 3 Channel Mode, 5 Channel Mode, & 7 Channel Mode
- ADJ LED RC Compatible (Sold Separately)

SP4LED**Warranty Registration**

The SP4LED carries a one year 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. The R.A. number must be clearly written on the outside of the return package. A brief description of the problem as well as the R.A. number must also be written down on a piece of paper included in the shipping carton. If the unit is under warranty, you must provide a copy of your proof of purchase invoice. You may obtain a R.A. number by contacting our customer support team on our customer support number. All packages returned to the service department not displaying a R.A. number on the outside of the package will be returned to the shipper.

SP4LED**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 15 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.

Power Supply: Before plugging your unit in, be sure the source voltage in your area matches the required voltage for your American DJ® SP4LED. The American DJ® SP4LED voltage is user selectable. Because line voltage may vary from venue to venue, you should be sure your unit voltage matches the wall outlet voltage before attempting to operate you fixture.

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 SP4LED can be controlled via DMX-512 protocol. The SP4LED has 3 DMX channel modes, please see pages 8-10 for the different modes. Your unit and your DMX controller require a standard 3-pin XLR connector 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 pro 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 behavior.

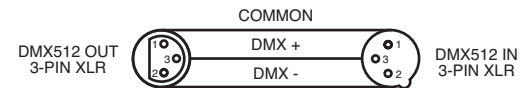


Figure 2

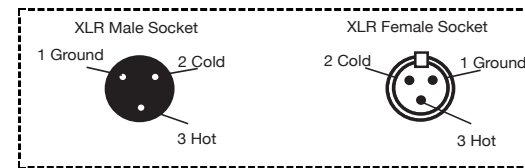


Figure 3

XLR Pin Configuration	
Pin 1 =	Ground
Pin 2 =	Data Compliment (negative)
Pin 3 =	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 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.

Figure 4

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.

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		Do Not Use
Not Used		Do Not Use

LED Display On/Off:

To set the LED display to turn off after 20 seconds, press the MODE and DOWN buttons simultaneously. Now the display will disappear after 20s. Press any button to turn the display on again. Be advised though that the display will turn off automatically after 20 seconds. If you want the display to stay on at all times press the MODE and UP buttons simultaneously.

Operating Modes:

You can use the SP4LED in five ways:

- Sound-Active mode - The unit will react to sound, chasing through the built in programs.
- Program Mode - There are 12 programs to choose from.
- Auto Mode - This will run an automatic program
- Manual Dimmer Output mode - Adjust the intensity of all output channels.
- DMX control mode - This function will allow you to control each individual fixtures traits with a standard DMX 512 controller such as the American DJ® Show Designer™.

Master-Slave Operation:

This function will allow you to link units together to run in a Master-Slave mode. In Master-Slave operation one unit will act as the controlling unit and the others will react to the controlling units built-in programs. Any unit can act as a Master or as a Slave however, only one unit can be programmed to act as the “Master.”

Master-Slave Connections and Settings:

1. Daisy chain your units via the XLR connector on the rear of the unit. Use standard XLR microphone cables to link your units together. Remember that 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.
2. Set the “Master” unit to your desired mode of operation.
3. For the “Slave” unit(s), press the UP or DOWN buttons until “SLAV” is displayed.
4. Connect the “Slave” unit or units and they will automatically start to follow the “Master.”

Sound Active Mode:

In this mode the SP4LED will react to sound.

1. Plug the fixture in and press the MODE button until “SU.XX” is displayed. “XX” represents the sound sensitivity setting. “01” is the least sound sensitive, and “31” is the most sound sensitive. Use the UP and DOWN buttons to adjust the sound sensitivity.
2. The fixture will now change via sound.

Program Mode:

In this mode the SP4LED will run 1 of 12 factory installed programs

1. Plug the fixture in and press the MODE button until “Pr.XX” is displayed. “XX” = 01-12. There are 12 different preset programs to choose from.
2. Press the UP or DOWN buttons to find your desired program.
3. When you have found your desired program press the SET UP button, “SP.XX” will now be displayed. In this menu you can adjust the running speed of the program, “XX” = 1-99. 1 is the slowest speed, 99 the fastest speed. **Note: The speed can only be adjusted in Programs 2-12.**
4. When “Pr.01” is displayed you can press the SET UP button to select different output channel combinations. When you press the SET UP button, “CG.XX” will be displayed. Use the UP or DOWN buttons to change the combinations. There are 15 combinations to choose from.

Manual Dimmer Output Mode:

In this mode the intensity of each output channel can be adjusted

1. Plug the fixture in and press the MODE button until “1.XXX” is displayed. “XXX” represents the displayed intensity number, while “1” represents Output Channel 1.
2. To change the output channel, press the SET UP button. When you have found the output channel you would like to adjust, use the UP and DOWN buttons to adjust the intensity.
2. The intensity can be adjusted from “00” (no output) to “255” (full intensity).

Auto Mode:

1. Plug the fixture in and press the MODE button until “AUTO” is displayed. Auto mode is now activated.
2. The auto mode run speed can be adjusted by pressing the SET UP button, “SP.XX” will now be displayed. “XX” = 1-99. 1 is the slowest

speed, 99 the fastest speed.

DMX Mode:

Operating through a DMX controller gives the user the freedom to create their own programs tailored to their own individual needs. This function also allows you to use your fixtures as spot lights. The SP4LED has 3 DMX Channel modes: 3 Channel mode, 5 Channel mode, and a 7 Channel mode. See pages 12-14 for each modes' DMX traits.

1. This function will allow you to control each individual fixture's traits with a standard DMX 512 controller.
2. To run your fixture in DMX mode, plug in the fixture via the XLR connections to any standard DMX controller. Select your desired DMX channel mode, and then press the UP or DOWN buttons to adjust the DMX address.
3. To select your desired DMX channel mode, press the MODE button until d-PX is displayed. "X" represents the displayed channel mode.
 - To run the 3 Channel Mode, press the UP or DOWN buttons until "d-P1" is displayed. This is the DMX addressing for the 3 Channel Mode.
 - To run the 5 Channel Mode, press the UP or DOWN buttons until "d-P2" is displayed. This is the DMX addressing for the 5 Channel Mode.
 - To run the 7 Channel Mode, press the UP or DOWN buttons until "d-P3" is displayed. This is the DMX addressing for the 7 Channel Mode.
4. Please see pages 12-14 for DMX values and traits.

Infrared Receiver:

This function is used to activate and deactivate the infrared receiver. When this function is activated you can control the SP4LED using the ADJ LED RC (Remote Control). Please see the user manual for controls and functions.

1. Plug the fixture in and press the MODE button until "AUTO" is displayed.
2. Press the SET UP button until "IrXX" is displayed. "XX" represents either "on" or "oF".
3. Press the UP or DOWN buttons to either activate the remote function (On) or deactivate it (Off).

The **ADJ LED RC** infrared remote (sold separately) has many different functions and gives you complete control of your SP4LED. To control the your desired fixture you must aim the controller at the front of the fixture and be no more the 30 feet away. To use the ADJ LED RC you must first activate the fixtures infrared receiver, to activate the receiver please see the instructions on page 9.

BLACKOUT - Pressing this button will blackout the fixture.

AUTO RUN - This button will run an automatic program. You can control the speed of the Auto Run by pressing the SPEED button first and then pressing the "+" and "-" buttons.

PROGRAM SELECTION - This button will let you access the units built-in programs. Press this button and then press the "+" or "-" to navigate through the built-in programs. You can control the speed of the program by pressing the SPEED button and then pressing the "+" and "-" buttons. When in Program 1, pressing the SPEED button will let select 1 of 15 output channel combinations. Use the "+" and "-" buttons scroll through the different combinations.

FLASH - This button will not work with the SP4LED.

SPEED - Press this button and use the "+" & "-" buttons to adjust the speed of the Auto run.

DMX MODE - This button will let you select which DMX mode you want to use. Some fixtures will come with different DMX channel modes. This button will switch between the different modes. Please see pages 13-17 for DMX modes, values, and traits.

SOUND ACTIVE - This button activates sound active mode. Use the "+" and "-" buttons to adjust the sound sensitivity.

SLAVE - This designates the fixture as a slave fixture in a master/slave configuration.

SET ADDRESS - Press this button to set the DMX address. Press this button first, then press the numbers to set the address.

Example: Set DMX Address 1 Press "S-0-0-1"

Set DMX Address 245 Press "S-2-4-5"

1/2/3/4 - Press the 1/2/3/4 buttons to choose either of the four output channels and then press the "+" or "-" to adjust the intensity. 1 is for

output channel 1, 2 is output channel 2, 3 is output channel 3, and 4 is output channel 4.

“+” and “-” - Use these buttons to adjust the speed of the Auto Run, sound sensitivity, and program selection.

DMX Control:

Operating through an DMX controller gives the user the freedom to create their own programs tailored to their own individual needs. Follow the directions below to set your DMX Mode and address.

1. Before connecting to an DMX controller, your fixture has different DMX channel modes, please select your desired mode by pressing the DMX Mode button, then using the “+” or “-” buttons to scroll through the DMX Channel Modes. Set the mode before you address the fixture. See the bottom of this page for the DMX modes.
2. After you have selected your mode, set the DMX address for the fixture by pressing the “S” button. When the “S” button is pressed the output channel LED’s will flash 2-3 times. Use the number buttons to press in your desired address.
3. After the output channel LED’s have flashed, output channel 1 LED will remain lit, press the *first* number in your desired address.
4. After you have pressed the first number in your address, output channel 2’s LED will light. Now press the button of the *second* number in your desired address.
5. After you have pressed the second number in your address, output channel 3’s LED will light. Now press the *third* and last number in your desired address. After all three numbers have been entered, the output channel LED’s will flash 2-3 times to indicate that the DMX address is correct. The unit will then automatically enter DMX mode. If the DMX address is incorrect the output channel 1 LED will be lit.
6. Now you may connect the fixture via the XLR connections to any standard DMX controller. Please see pages 12-14 to for a detailed descriptions of the DMX modes, values, and traits.

• **If Output Channel 1 is lit, you are in DMX Mode 1: 1 DMX Channel.**

• **If Output Channel 2 is lit, you are in DMX Mode 2: 5 DMX Channels.**

• **If Output Channel 3 is lit, you are in DMX Mode 3: 7 DMX Channels.**

Channel	Value	Function
1	0 - 255	<u>MASTER DIMMER</u> 0% - 100%
2	0 - 9 10 - 29 30 - 49 50 - 69 70 - 89 90 - 109 110 - 129 130 - 149 150 - 169 170 - 189 190 - 209 210 - 229 230 - 249 250 - 255	<u>PROGRAMS</u> DIMMING PROGRAM 1 PROGRAM 2 PROGRAM 3 PROGRAM 4 PROGRAM 5 PROGRAM 6 PROGRAM 7 PROGRAM 8 PROGRAM 9 PROGRAM 10 PROGRAM 11 AUTO RUN SOUND ACTIVE
3	1 - 255 1 - 255	PROGRAM SPEED/SOUND SENSITIVITY PROGRAM SPEED SLOW - FAST SOUND SENSITIVITY LEAST SENSITIVE - MOST SENSITIVE

• When using Channel 2 values 10-249, Channel 3 will control the speed of the programs.

• When using Channel 2 values 250-255, Channel 3 will control the sound sensitivity.

SP4LED 5 Channel - DMX Values & Functions		
Channel	Value	Function
1	0 - 255	MASTER DIMMER 0% - 100%
2	0 - 9 10 - 29 30 - 49 50 - 69 70 - 89 90 - 109 110 - 129 130 - 149 150 - 169 170 - 189 190 - 209 210 - 229 230 - 249 250 - 255	PROGRAMS DIMMING PROGRAM 1 PROGRAM 2 PROGRAM 3 PROGRAM 4 PROGRAM 5 PROGRAM 6 PROGRAM 7 PROGRAM 8 PROGRAM 9 PROGRAM 10 PROGRAM 11 AUTO RUN SOUND ACTIVE
3	1 - 255 1 - 255	PROGRAM SPEED/SOUND SENSITIVITY PROGRAM SPEED SLOW - FAST SOUND SENSITIVITY LEAST SENSITIVE - MOST SENSITIVE
4	1 - 255	OUTPUT CHANNELS 1 & 2 DIMMER DIM - BRIGHT
5	1 - 255	OUTPUT CHANNELS 3 & 4 DIMMER DIM - BRIGHT

- When using Channel 2 values 0-9, Channel 4 & Channel 5 will control the dimming of output channels 1-4.
- When using Channel 2 values 10-249, Channel 3 will control the speed of the programs.
- When using Channel 2 values 250-255, Channel 3 will control the sound sensitivity.

SP4LED 7 Channel - DMX Values & Functions		
Channel	Value	Function
1	0 - 255	MASTER DIMMER 0% - 100%
2	0 - 9 10 - 29 30 - 49 50 - 69 70 - 89 90 - 109 110 - 129 130 - 149 150 - 169 170 - 189 190 - 209 210 - 229 230 - 249 250 - 255	PROGRAMS DIMMING PROGRAM 1 PROGRAM 2 PROGRAM 3 PROGRAM 4 PROGRAM 5 PROGRAM 6 PROGRAM 7 PROGRAM 8 PROGRAM 9 PROGRAM 10 PROGRAM 11 AUTO RUN SOUND ACTIVE
3	1 - 255 1 - 255	PROGRAM SPEED/SOUND SENSITIVITY PROGRAM SPEED SLOW - FAST SOUND SENSITIVITY LEAST SENSITIVE - MOST SENSITIVE
4	1 - 255	OUTPUT CHANNEL 1 DIMMER DIM - BRIGHT
5	1 - 255	OUTPUT CHANNEL 2 DIMMER DIM - BRIGHT
6	1 - 255	OUTPUT CHANNEL 3 DIMMER DIM - BRIGHT
7	1 - 255	OUTPUT CHANNEL 4 DIMMER DIM - BRIGHT

- When using Channel 2 values 0-9, Channel 4 - Channel 7 will control the dimming of output channels 1-4.
- When using Channel 2 values 10-249, Channel 3 will control the speed of the programs.
- When using Channel 2 values 250-255, Channel 3 will control the sound sensitivity.

SP4LED

Fuse Replacement

Disconnect from the main power supply. Insert a standard flat head screw driver in to the fuse holder housing, located on the front 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.

SP4LED

Trouble Shooting

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

No power 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 not responding to DMX:

1. Check that the DMX cables are connected properly and are wired correctly (pin 3 is "hot"; on some other DMX devices pin 2 may be 'hot'). Also, check that all cables are connected to the right connectors; it does matter which way the inputs and outputs are connected.

Unit does not respond to sound:

1. Quiet or high pitched sounds will not activate the unit.
2. Make sure that you are in Sound Active mode.

SP4LED

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. Clean the external optics with glass cleaner and a soft cloth every 20 days.
3. 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).

SP4LED

Warranty

MANUFACTURER'S LIMITED WARRANTY

A. American DJ, Inc. hereby warrants, to the original purchaser, American DJ and American Audio products to be free of manufacturing defects in material and workmanship for a prescribed period from the date of purchase (see specific warranty period on reverse). 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 you must obtain a Return Authorization number (RA#) before sending back the product. Contact American DJ, Inc. Service Department at 800-322-6337. Send the product only to the American DJ, Inc. 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, Inc. 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 it's original package. No accessories should be shipped with the product. If any accessories are shipped with the product, American DJ, Inc. 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, Inc. concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the American DJ, Inc. factory unless prior written authorization was issued to purchaser by American DJ, Inc.; 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, Inc. will replace defective parts at its expense with new or refurbished parts, 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, Inc. 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, Inc. 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. 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, Inc. 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, Inc. be liable for any loss or damage, direct or consequential, arising out of the use of, or inability to use, this product.

This warranty is the only written warranty applicable to American DJ and American Audio Products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

MANUFACTURER'S LIMITED WARRANTY PERIODS:

- All American Audio Products = 1-year (365 day) Limited Warranty (except V-Plus Series Amplifiers)
- All American Audio V-Plus Series Amplifiers = 3-year (1095 day) Limited Warranty
- American DJ Lighting and American DJ Branded Products = 1-year (365 day) Limited Warranty (Such as: Special Effect Lighting, Intelligent Lighting, UV lighting, Strobos, Fog Machines, Bubble Machines, Mirror Balls, Par Cans, Trussing, Lighting Stands etc. excluding Laser Products, lamps, and Star Tec Series)
- American DJ Laser Products and Star Tec Products = 90-Day Limited Warranty
- American DJ L.E.D. Products = 2-year (730 day) Limited Warranty (excluding motors which have a 1-year (365 day) Limited Warranty)

Model: SP4LEDSPECIFICATIONS:

Working Position:	Any safe working position
Voltage:	120V/60Hz or 240V/50Hz
Fuse:	5A per Channel, Total 10A Max
Weight:	4.5lbs./ 2.1Kgs.
Dimensions:	10.5" (L) x 7.75" (W) x 3" (H) 262 x 192 x 74mm
DMX Channels:	3 DMX Modes: 3 Channel Mode, 5 Channel Mode, & 7 Channel Mode
Warranty:	1 Year (365 days)

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

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American DJ World Headquarters:

6122 S. Eastern Ave. Los Angeles, CA 90040 USA

Tel: 323-582-2650 / Fax: 323-725-6100

Web: www.americandj.com / E-mail: info@americandj.com

American DJ Europe

Junostraat 2

6468 EW Kerkrade

Netherlands

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service@americandj.eu / www.americandj.eu
Tel: +31 45 546 85 00 / Fax: +31 45 546 85 99