

Thank you for purchasing the de Lisle Amp-Speaker Selector 4x4 Pro Plus! Your workflow is about to get a lot more streamlined! Please read and understand the contents of this manual before connecting your new Amp-Speaker Selector to any of your gear. Should you have any questions, please contact us directly. We're happy to help!

SAFETY INSTRUCTIONS



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 13) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 14) This product should be operated only from the type of power source indicated in this manual.

WARRANTY

de Lisle Guitar Company warrants this product to be free from manufacturing defects in material and workmanship under normal use for the life of the product. If service is required, please contact de Lisle Guitar Company directly. This warranty is void if the product has been:

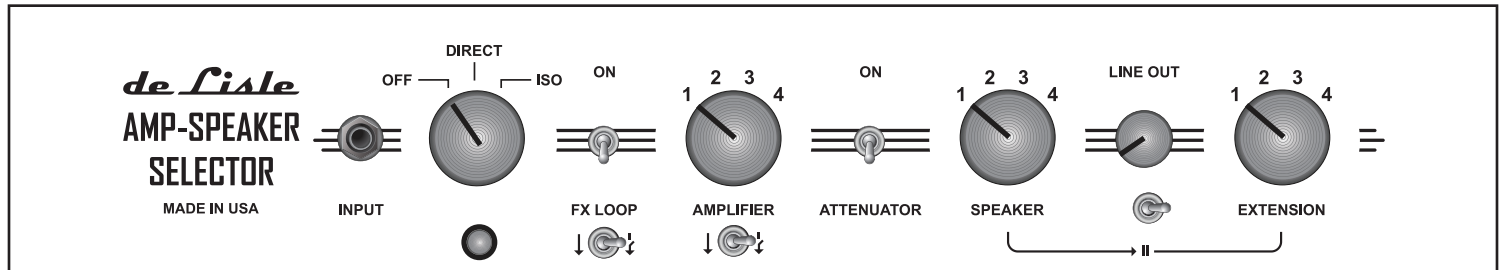
a) Damaged through misuse, negligence, or abuse. b) Modified or repaired by anyone other than de Lisle Guitar Company. c) Damaged because it is improperly connected to any other equipment.

Note: This warranty does not cover: a) Ordinary adjustments as outlined in this manual which can be performed by the customer. b) Damage to equipment connected to the product. c) Any cost incurred in shipping the product for repair. d) Damage to the product not used in the USA.

This warranty is not transferable and only applies to the original purchase. Any implied warranties, including the warranty of merchantability, are limited in duration to the period of this expressed warranty and no warranty whether expressed or implied shall apply to the product thereafter.

Under no circumstance shall de Lisle Guitar Company be liable for special or consequential damages arising from the use of this product, or for any delay in the performance of this warranty due to causes beyond our control. Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of consequential damages, so the above limitations on implied warranty and consequential damages may not apply to you. This warranty gives you specific legal rights. You may have other rights that vary from state to state.

FRONT PANEL



INPUT Connect your guitar or pedalboard output here.

POWER The power switch has three positions. When in the OFF position, no power is applied to the device. DIRECT takes the front panel input and sends it directly to the input of the selected amp, bypassing any additional circuitry. This is the position for normal use. ISO, for ISOLATED, sends the input signal through an isolation transformer. This can be used to eliminate ground loops or when a low impedance output is desired.

LED The LED indicator lights up when power is applied in positions 2 and 3.

FX LOOP If your amp is equipped with an FX loop, you can engage it by placing the switch in the up position. This will route any FX connected to the FX INPUT and FX OUTPUT to the corresponding Send / Return jacks on your amp. To bypass your connected FX, place the switch in the down position.

FX GROUND In most cases, the FX GROUND switch will be in the right position. If you experience ground or switching noise, move the switch to the left position.

AMPLIFIER Rotate to select the desired amplifier. The INPUT jack on the front panel will be connected to the corresponding AMP INPUT jack on the rear panel. The AMP OUTPUT jack will be connected to the selected SPEAKER or the ATTENUATOR if its active. All unused amps are muted at their inputs, switched to protection loads and their fx loops are put in bypass mode.

AMP GROUND The GROUND switch is only active in ISO mode. In the right position, an isolation transformer is in circuit to help prevent ground loops with any other connected devices. In the left position, the transformer is bypassed entirely and an op-amp buffer provides a low impedance output.

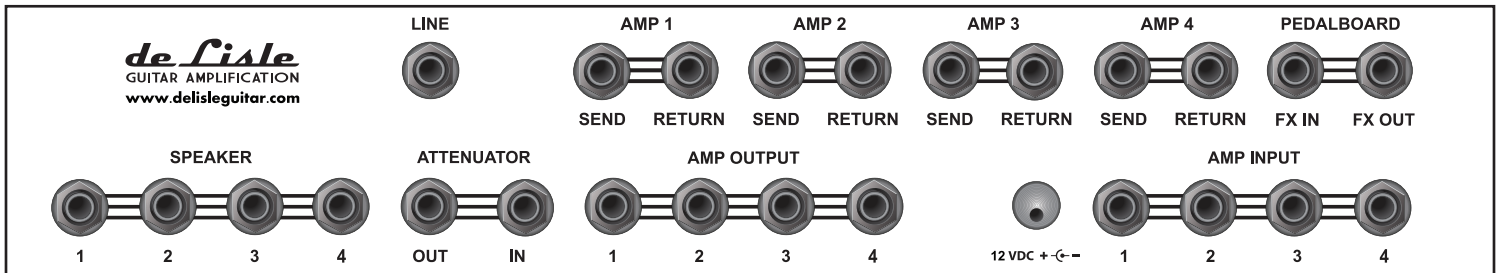
ATTENUATOR Flip up to bring the connected attenuator in circuit. Use the down position to bypass the attenuator or if no attenuator is connected to the switch. Your amps will be protected should you not have an attenuator connected and place the switch in the active position.

SPEAKER Rotate to the select the desired speaker cabinet.

DUAL MODE Place in the right position to connect the selected EXTENSION speaker in parallel with the main SPEAKER.

EXTENSION Rotate to the select the desired second speaker cabinet. This dial is only effective when the DUAL MODE switch is in the right position. Note that the nominal impedance seen by the amp will change. For example, two 8 ohm cabinets in parallel will present a 4 ohm load to the amplifier.

REAR PANEL



- LINE** Connect to your audio interface for use with IRs and cab emulators.
- ATTENUATOR IN** Connect to your attenuator's input jack (e.g. "From Amplifier")
- ATTENUATOR OUT** Connect to your attenuator's output jack (e.g. "To Speaker").
- SPEAKER 1-4** Connect to your speaker cabinets.
- AMP OUTPUT 1-4** Connect to the speaker output jacks of your amplifiers.
- 12V DC** Use only 12VDC 200mA or higher current center negative power supplies. Should you hear any "whining" or see dimming of the LED when functions are switched, the power supply is not able to deliver enough current for the Amp-Speaker Selector to function properly.
- SEND 1-4** Connect to the SEND jacks of amp FX loops.
- RETURN 1-4** Connect to the RETURN jacks of amp FX loops.
- FX INPUT** Connect to the input of your FX chain.
- FX OUTPUT** Connect to the output of your FX chain.
- AMP INPUT** Connect to the input jacks of your amplifiers.

SPECIFICATIONS

- Input Impedance: 1 Meg
- Output Impedance: 500 Ohm
- Input Sensitivity: +20 Vp-p
- Switching Time: 4-8ms
- Contact Resistance: 0.075 Ohm
- Power Consumption: 2.14W Max
- Guitar / Pedalboard Input (1)
- Amplifier Input (4)
- FX Send (4)
- FX Return (4)
- Amplifier Output (4)
- Speaker Input (4)
- Attenuator Input (1)
- Attenuator Output (1)
- Attenuator Bypass Switch
- Dual Speaker Mode
- FX Bypass Switch
- FX Input
- FX Output
- Adjustable Line Out
- Transformer Isolation
- Internally Isolated DC Power Supply
- Silver Relay Contacts with Gold Overlay
- Protection Loads for Unused Amplifiers
- Auto Muting of Unused Amplifiers
- Auto Bypass of Unused Amplifier FX Loops
- Premium 2U Rack Chassis
- 12VDC 700mA Power Supply Included (200mA Minimum Required)
- Hand-Wired
- 150W Maximum Power Per Amp
- Lifetime Warranty

PRECAUTIONS

- DO NOT** make or break any rear panel cable connections with the Amp-Speaker Selector, amplifiers, FX or attenuators powered on.
- DO NOT** use this device as a load box. Always be sure to have a proper load connected whether it is a speaker, load box or attenuator with a built-in load.
- DO NOT** exceed the maximum power rating of the device.
- DO NOT** leave cables unsupported on the back of the device.
- DO NOT** place the device near large magnetic fields such as power transformers. Doing so may induce a voltage in the isolation transformers which will be heard as hum.
- DO NOT** use improper cables. Be sure to use instrument cable for all AMP INPUT, FX INPUT, FX OUTPUT, SEND and RETURN jacks. Use speaker cable for the AMP OUTPUT, SPEAKER, ATTENUATOR IN, and ATTENUATOR OUT jacks.

INITIAL SETUP PROCEDURE

- 1 We recommend starting with one amp and checking your progress. With so many cables, it can be easy to connect things incorrectly.
- 2 Be sure all devices are powered off before making any connections. Place the front panel FX LOOP and ATTENUATOR switches in the down position.
- 3 Connect a speaker cabinet to SPEAKER 1
- 4 Connect an amplifier's speaker output to AMP OUTPUT 1.
- 5 Connect the same amplifier's input jack to AMP INPUT 1.
- 6 If equipped, connect the same amplifier's FX send jack to the AMP 1 SEND jack and its FX return jack to the AMP 1 RETURN jack.
- 7 Connect the input of your pedalboard or FX unit to the FX INPUT jack and its output to the FX OUTPUT jack. Note: FX will be bypassed while the front panel FX LOOP switch is in the down position.
- 8 If you have an attenuator, connect its input to the ATTENUATOR INPUT jack and its output to the ATTENUATOR OUTPUT jack. Note: the attenuator will be bypassed while the front panel ATTENUATOR switch is in the down position.
- 9 Connect your guitar to the front panel INPUT jack. Rotate the AMPLIFIER dial to position 1. Rotate the SPEAKER dial to position 1.
- 10 Power on the Amp-Speaker Selector and then turn on your amplifier.
- 11 Listen for the guitar signal. If you hear it coming from the speaker, move on to 12. If not, double check your cable connections as well as the amplifier and guitar volume controls. Should you hear ground noise, you may need to toggle the front panel GROUND switch.
- 12 To test your FX connections, place the FX LOOP switch in the up position. Should the sound disappear, check your cable connections as well as the FX output level. Should you hear excessive noise when switching the FX LOOP on or off, try switching the FX GROUND to find the quietest position.
- 13 To test your attenuator, place the ATTENUATOR switch in the up position. Should the sound disappear, check your cable connections as well as the attenuator output level.
- 14 Repeat the above steps as necessary to add the rest of your amps and cabinets.