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CANVAS

STEREO

DUAL LINE ISOLATOR & D.I.

INSTRUCTION MANUAL

CANVAS STEREO

You are the artist. Your sound is the paint, and this is your canvas. After years of creating tone-painting devices, Walrus Audio is releasing The Canvas Stereo Direct Box/Line Isolator. The Canvas is designed to remove any resistance between you and your audience by giving a pristine, sonic foundation upon which to build your dual-channel masterpiece. From houses of worship to the dive bar downtown, Canvas Stereo is built to be the performance palette that goes wherever you are making your music.



DI (Direct Injection) – Use DI mode when connecting an unbalanced, high impedance source (Electric Guitar, Bass Guitar, etc). The signal will be reduced by -20dB (-35dB with pad engaged) and converted to a balanced signal via the transformer connected to the XLR output. Use the gain on your mixer or preamp to bring the signal up to line level.

LI (Line Isolator) - Use LI mode when connecting your unbalanced, low impedance source (Amp + Cab Sim like the ACS1, keys, etc.). The signal will remain full volume and be converted to a balanced signal via the transformer connected to the XLR output. Less preamp gain will be required in LI mode.

Note - When deciding between DI or LI, check with the manufacturer of your gear to find the output impedance of the device you are wanting to interface. For a general guide:
 High Impedance = anything above 1k = Use DI
 Low Impedance = less than 1k = Use LI

If you lose high-frequency information when using LI mode, then you should probably be in DI mode. Both left and right channels are affected when using the DI/LI switch.

PAD – Enables a -15dB input pad (Only in D.I. mode) for reducing hot signals in order to minimize distortion.

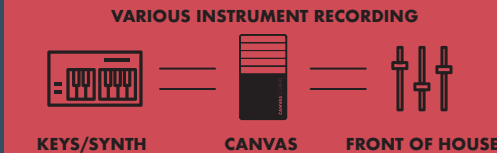
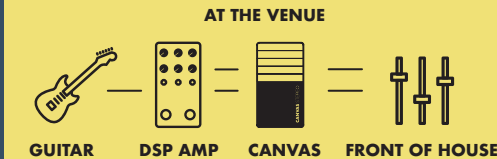
GND LIFT – Isolates the GND pin on XLR to help reduce hum if present. Leave out for normal operation.

SUM – When disengaged (out), the left input connects to the left thru. The right input connects to the right thru allowing the use of stereo amplifiers. When engaged (in), Sum connects the left and right thru jacks together to combine the signals for running into a single amplifier (use either thru jack).

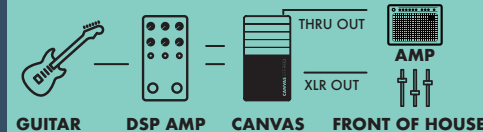
THRU - The Thru jack is a pass through that can be plugged into a guitar amp or other source.

WHEN TO USE THE CANVAS

Use Canvas Stereo to connect your instrument to a variety of sources. The following diagrams are a few examples of use cases. Fun tip: The left & right jacks are independent and can also run two mono sources.



USE THE THRU FOR TWO DIFFERENT OUTPUTS



AT THE STUDIO

