



Trace Elliot® Dual Band Compressor- Pedal

Trace Dual Band Compressor

- Dual Hi-band and Lo-band Compression controls for dialing in the signature Trace Elliot bass tone
- Classic dual band compression for bass guitar applications
- True bypass operation
- Simple single control interface, per band
- Compression has integrated make-up gain for seamless balancing
- Bipolar 18V internal supply from standard 9VDC supply or battery
- Input and Output Gain controls make the DBC adaptable to all types of signal and line level scenarios



(1) INPUT LEVEL

This control sets the level of the incoming bass signal. It is set for unity gain at 12 o'clock. Higher settings can be used to push the compressor harder for more sustain.

(2) OUTPUT LEVEL

This control sets the level of the outgoing signal to an amp or other device. It is set for unity gain at 12 o'clock.

(3) LO BAND

The audio signal is divided into two bands. The lo band has a separate compressor with an adjustable threshold. A full clockwise setting provides the most compression.

(4) HI BAND

This controls the HI BAND band compressor threshold. A full clockwise setting provides the most compression.

(5) SWITCH

This turns the unit on and off.

(6) IN

Input signal from the instrument. Input impedance 1.1 MEG Ω .

(7) OUT

Output signal to amplifier or other device. Output impedance 1 k Ω .

(8) POWER SUPPLY

9VDC (NEG TIP) - Provided for the input of a standard 9VDC barrel-type, negative tipped power supply. The 18VDC rails are generated internally by a super high-efficiency inverter circuit.

Warranty registration and information for U.S. customers available online at
www.traceelliot.com/warranty
or use the QR tag below





Trace Elliot® Acoustic Clarity Pedal

Trace Acoustic Clarity

The all new Trace Acoustic Clarity effect from Trace Elliot is a unique and innovative frequency expansion device designed for use with most acoustic-electric instruments. It consists of two proprietary variable filters that enhance the existing harmonically rich undertones in either extreme of the frequency spectrum, via the LOW and HIGH controls, respectively. The input and output gains are fixed at unity with +/-9VDC (18VDC) voltage rails on the active devices for an incredible dynamic range that also stops any chance for input clipping. The TRACE ACOUSTIC CLARITY is a must have in any acoustic amplification signal chain.

Features:

- True bypass operation
- Bipolar 18V internal supply from standard 9VDC supply or battery
- Frequency expansion effect for most acoustic-electric instruments
- Enhances musical frequencies that exist naturally in the extreme ends of the frequency spectrum
- For use with any PA system, instrument amplifier, or signal processor/pedalboard setup



(1) LOW

Turning this control clockwise adds increasing amounts of existing low frequency spectral energy to create a “feely” subharmonic expansion effect. Take care in setting this control.... Always start at zero (full CCW) and rotate it until the desired amount of this effect is present in the system. If the LOW control is set too high (depending on the system input) it is likely that too much low frequency information will be injected, resulting in bad/muddy sound.

(2) HIGH

Turning this control clockwise adds increasing amounts of existing high frequency spectral energy to create a sharp/hot harmonic expansion that accentuates or brings the natural musical brightness and zing of your instrument to the forefront of your sound.

(5) SWITCH

This turns the unit on and off.

(4) INPUT

This should be connected directly to the acoustic-electric instrument output. Input impedance 2.2 MEGΩ

(5) OUT PUT

This provides a signal capable of driving any PA system, instrument amplifier, or signal processor/pedalboard setup. The level of the output signal more or less matches that of the input signal. Output impedance 1 kΩ

(6) POWER SUPPLY

9VDC (NEG TIP) - Provided for the input of a standard 9VDC barrel-type, negative tipped power supply. The 18VDC rails are generated internally by a super high-efficiency inverter circuit.

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Trace Elliot® Overdrive Pedal

Trace Overdrive

- Classic full range overdrive for bass guitar applications
- True bypass operation
- Proprietary high overhead soft asymmetrical clipping circuit
- Tone control perfectly compliments the Pre-Shape circuit on the Elf, TE-1200 & classic Trace Elliot models
- Dry Output (thru) for feeding processors and other signal level inputs
- Integrated Blend control for mixing OD with dry bass signal to the Main Output
- Bipolar 18V internal supply from standard 9VDC supply or battery



(1) DRIVE

This controls the amount of gain and clipping that will affect the incoming signal. Increasing settings provide more distortion

(2) LEVEL

This controls the level of the distorted signal that is sent to the amp. Higher settings will result in more overdriving of the amp's input circuit-- this is especially advantageous in pushing a tube preamp into distortion.

(3) TONE

This controls the perceived midrange response of the distorted signal altering its HF harmonic structure. Increasing settings provide more perceived mids.

(4) BLEND

This controls the ratio of distorted vs. undistorted signal that is sent to the output jack. The dry output is unaffected.

(5) SWITCH

This turns the unit on and off.

(6) INPUT

This should be connected directly to the instrument output. Input impedance 2.2 MEGΩ

(7) OVERDRIVE OUTPUT

This provides the overdriven signal capable of driving any PA system, instrument amplifier, or signal processor/pedalboard setup. The level of the output signal more or less matches that of the input signal. Output impedance 1 kΩ

(8) DRY OUTPUT

This provides the dry/clean/unaffected signal capable of driving any PA system, instrument amplifier, or signal processor/pedalboard setup. The level of the output signal more or less matches that of the input signal. Output impedance 1 kΩ

(9) POWER SUPPLY

9VDC (NEG TIP) - Provided for the input of a standard 9VDC barrel-type, negative tipped power supply. The 18VDC rails are generated internally by a super high-efficiency inverter circuit.

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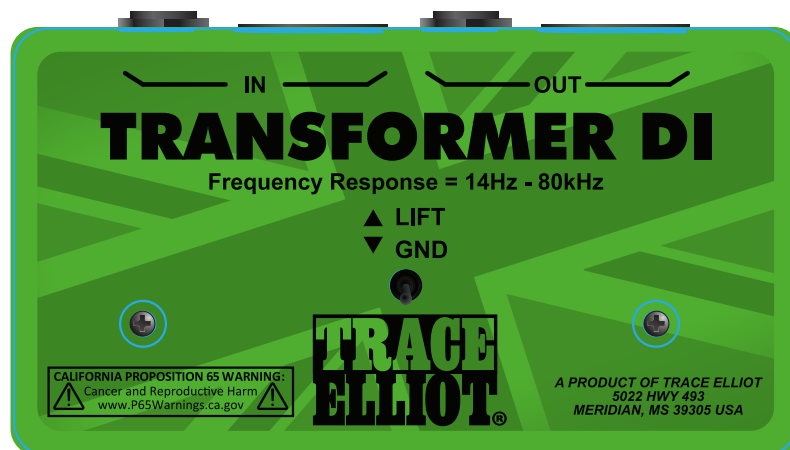
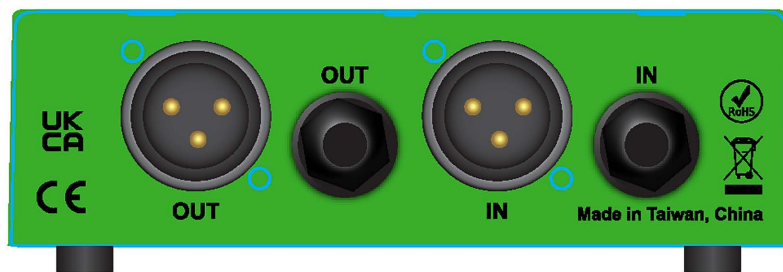




Trace Elliot® Transformer DI

TE Transformer DI Features:

- General purpose audiophile quality 1:1 line level audio transformer interface.
- Transforms balanced to unbalanced line signals or unbalanced to balanced line signals.
- Perfectly balanced proprietary transformer design with ultra-high permeability Ni-Fe core.
- Frequency Response of 20Hz to 20kHz (-0.5dB) with no more than +/-1.0dB of variation from 14Hz to 80kHz.
- Total Harmonic Distortion is <math><0.015\%</math> from 70Hz to 80kHz.
- Total Harmonic Distortion is 0.5% at 20Hz.
- Electrical isolation of >500V between secondary and primary winding or windings.
- Insertion loss <math><1.0\text{dB}</math>.
- Input levels up to +22.2dBu are acceptable.
- Ground lift with RF rejection circuitry.
- Excellent for low to mid impedance signal sources.



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