# Trace Elliot® Transit B

Bass Instrument Preamp


Owner's Manual

## FCC Compliancy Statement

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, that may cause undesired operation.

**Warning:** Changes or modifications to the equipment not approved by Peavey Electronics Corp. can void the user's authority to use the equipment.

**Note -** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAN ICES-3(B)/NMB/3(B)

TRACE ELLIOT®

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ENGLISH

# TRACE ELLIOT® TRANSIT™-B PRE-AMP

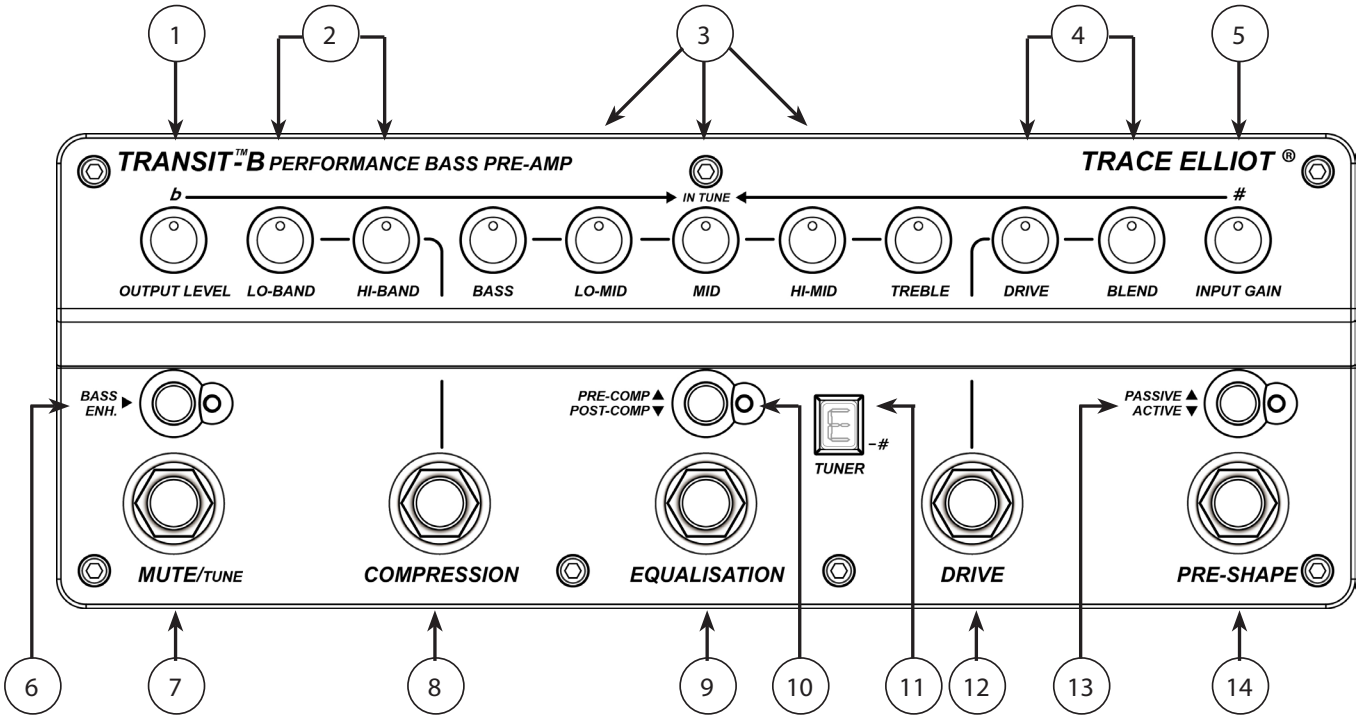
Congratulations on your purchase of the all-new Trace Elliot Transit B Bass Guitar Pre-amp pedal! The Transit-B pedal is a professional grade pre-amp for the discerning bassist. Built-in tools for tone shaping like Pre-shape, 5 band active EQ and dual band Compressor are easy to use and easy to tweak on the fly. Features like Drive with blend control and built-in bass enhancement add to tonal options available. The back-lit control panel becomes the chromatic Tuner for accurate tuning. Built-in Pre and Post XLR balanced output, dry output and headphone output give the user the ins and outs they need for the best live coverage. The pre and post DI outputs make sure your tone is THE tone, and stays consistent night after night. The Transit B pedal was also designed to fit in your case or bag, making it the perfect travel companion. The controls are simple and intuitive, making fine adjustments easy. Please read this manual carefully so you can get the most out of your new Trace Elliot product!

**FEATURES:**

- Color coordinated backlit controls
- Passive/Active switch
- Pre-shape switch for the classic Trace Elliot EQ curve
- Drive control with blend knob, foot-switchable
- 5 band EQ with defeat switch
- Dual band compressor with defeat switch
- Mute/Tune switch
- Built-in chromatic tuner
- Input Gain and Output Level controls
- Line level, instrument level and dry outputs
- Pre and Post balanced XLR outputs with Ground Lift
- Aux input
- Headphone output
- Dimensions (pedal only): 312mm W x 114mm D x 58.4mm H (12.3” W x 4.5” D x 2.3” H)
- Weight: 1.18 kg (2.6 lbs; pedal only), 1.45 kg (3.2 lbs; pedal + bag + supply)

**Caution:** Please look over this guide and read any caution or warning statements found within. Following these warnings is crucial to your personal safety and the safety of your Trace Elliot product.

## Top Panel




**(1) OUTPUT LEVEL**
Controls the output level of the pre-amp. It does not affect the XLR direct outs. This allows you to adjust the 1/4" outs for stage rig, while not affecting the PA level.

**(2) LO-BAND/HI-BAND**
Controls the amount of compression to the Lo-Band and Hi-Band frequencies. The backlit LEDs come on with the footswitch, but each will flicker off while playing to show when compression occurs.

**(3) 5-Band Equalisation controls**
Controls the equalisation of the pre-amp. The green LED behind the MID knob will turn red if clipping occurs in the EQ circuit due to too much boost. Adjust EQ accordingly.

**(4) Drive/Blend controls**
Controls the amount of Gain for the Drive signal. The Blend control controls the blend of the Drive signal with the Clean signal.

**(5) INPUT GAIN**
Controls the input signal recieved from the instrument. The backlit LED turns red to indicate clipping. You should ideally set the knob as high as you can while still avoiding clipping.

**(6) BASS ENHANCEMENT Switch and LED**
Incorporates a proprietary subharmonic generator circuit that is specially voiced for deep bass. If you are driving a system with with no subwoofer or limited low frequency capabilities, then this switch may cause the speakers to be overdriven at the extent of the low frequency response.

**(7) MUTE/TUNE Switch**
Mutes the pre-amp signal and activates the onboard tuner (11).

**(8) COMPRESSION Switch**
Activates the pre-amp's Lo-Band and Hi-Band compression.

**(9) EQUALISATION Switch**
Allows user to bypass the on-board EQ.

**(10) PRE and POST Compression Switch and LED**
Allows user to choose whether to add compression to the signal before the EQ or after.

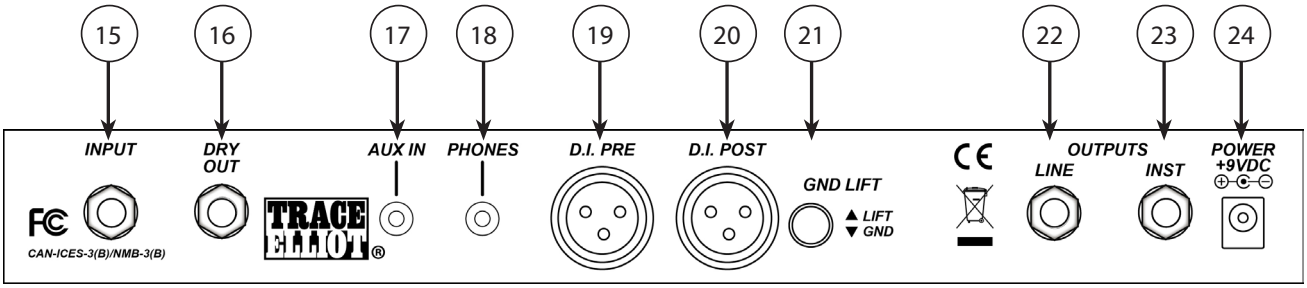
**(11)TUNER Display**
Activates when the MUTE/TUNE switch (7) is pressed. The note being played is displayed and the LEDs on the above knobs indicate whether the note is too flat or sharp. When the center red LED shines alone, the note is in tune.

**(12)DRIVE Switch**
Activates the Drive circuit.

**(13)PASSIVE/ACTIVE INPUT Switch and LED**
Allows user to select the optimum setting for an instrument with either a passive or active pickup.

**(14)PRE-SHAPE**
Activates the circuit for the classic Trace Elliot® 'Mid Pre-Shape' that all users of Trace Elliot graphic style amplifiers will recognise immediately. The actual effect of this circuit is to boost the low and high frequencies (55Hz and 2kHz to 5kHz respectively) and to cut the mid frequencies (centred around 400Hz), giving an instant, clearly defined, punchy sound.

## Rear Panel




**(15) INPUT JACK**
Accepts signal from the instrument cable.

**(16) DRY OUT**
Provides a buffered version of the raw instrument signal to drive additional electronic inputs without loading of the instrument. This is the only output that does not mute when the tuner is activated - allowing it to drive an external tuner if preferred.

**(17) AUX INPUT**
Allows you to connect a media device to the unit and play along.

**(18) HEADPHONE OUTPUT**
1/8" headphone output for personal monitoring.

**(19) DI PRE EQ XLR OUTPUT**
The Transit B can be run with a signal source from either pre or post processing. Use this XLR output if the DI is used in a live setting to send signal directly to a PA system. In this case, the DI signal will not be affected by changing any of the preamp controls, which allows independent adjustments for the PA system. Output Level Control (1) DOES NOT affect the output level of this output.

**(20) DI POST EQ XLR OUTPUT**
The POST EQ setting is useful for recording or connecting the preamp to an external power amplifier in a live application, or directly to a PA, if you want the on-board processing to be heard in the FOH system. Output Level Control (1) DOES NOT affect the output level of this output.

**(21) GND LIFT Switch**
This switch may be used to eliminate hum caused by ground loops between the preamp and other equipment, such as a mixing console.

**(22)LINE OUTPUT**
Line (high) level unbalanced output for driving the input of a power amp or an effects return.

**(23)INST OUTPUT**
Instrument (low) level unbalanced output for driving the input of a preamp or a mixer input channel.

**(24) DC Input Socket**
For connection of the included 9VDC power supply. Please note that the polarity of the center pin in the socket is **negative (-)** with respect to ground. **Please use the included Trace Elliot® Power Supply. Replacement Part #000908180.**

## Specifications

**Weight:**

1.6 lb (0.73 Kg)

**Dimensions (H x W x D):**

1.35” (3.4cm) x 6.75” (17.1cm) x 4.10” (10.4cm)

**The following nominal measurements were taken with all controls set at 12 o’clock, unless otherwise noted:**

**Nominal INPUT level**:
PASSIVE = -1.41 dBV
ACTIVE = 4.60 dBV

**Maximum INPUT level**:
PASSIVE = 4.60 dBV
ACTIVE = 10.9 dBV

**INPUT impedance**:
PASSIVE = 500k Ohms
ACTIVE = 44k Ohms

**Nominal DRY OUT level** = 0.00 dBV

**Nominal INST OUTPUT level** = -10 dBV
**INST OUTPUT impedance** = 1k Ohms

**Nominal LINE OUTPUT level** = 1.78 dBV (+4 dBu)
**LINE OUTPUT impedance** = 1k Ohms

**Nominal D.I. PRE level** = 1.78 dBV (+4 dBu)
**Nominal D.I. POST level** = 1.78 dBV (+4 dBu)

**EQUALISATION:**
BASS = +/- 15 dB @ 117 Hz; Q = 0.91
LO-MID = +/- 15 dB @ 279 Hz; Q = 0.89
MID = +/- 15 dB @ 664 Hz; Q = 0.88
HI-MID = +/- 15 dB @ 1.73 kHz; Q = 0.74
TREBLE = +/- 15 dB @ 4.95 kHz; Q = 0.73

**AUX IN level:**
Nominal = 1.78 dBV (+4 dBu)
AUX IN input impedance = 10k Ohms

**PHONES output level:**
Minimum load impedance = 4 Ohms
Maximum output power at minimum load = 500 mW (rms)

**COMPRESSION** : Two-band compressor with crossover point at 333 Hz and option to place the compressor either before or after the EQUALISATION controls in the signal chain.

**DRIVE** : Special valve-emulated overdrive circuit with 50% dry vs. distorted mix when BLEND is set to 12 o'clock.

**PRE-SHAPE** : The classic and proprietary Trace Elliot bass EQ curve.

**Power Supply (included)**: **9V DC (negative tip) @ 900 mA**.

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

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


*Features and specifications are subject to change without notice.*

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