

ZIO

ANALOG BASS PREAMP + DI

The Bass ZIO is an ultra-low noise all-analog preamp and DI for bass. It uses high voltage internal rails (+/-12V) for maximum headroom from a 9V supply input. The Bass ZIO features a simple but flexible set of tone shaping controls and an additional GRIT control for added tonal color. The Bass ZIO can be used directly with headphones for practice and monitoring or as a direct input using the balanced XLR output for connection to a mixer or audio interface.

CONTROLS

OUTPUT – Clean signal gain control from -6dB to +16dB.

GRIT – Enables a mild distortion to mimic the transformer-style breakup from high-end bass amps. Note the gain can be adjusted for more or less distortion. The “up” position is on.

FOOTSWITCH – The Bass ZIO is not a true bypass pedal by design. When bypassed, the tone controls and output gain are disabled but the three outputs: Main Output, Headphones, and Direct Out remain active.

BASS – Bass shelving filter centered at 100Hz ranges from flat in the min position to +11dB of gain at the max.

TREBLE – Treble shelving filter centered at 1kHz ranging from -6dB at the min position to +14dB at the max. Note that “flat” is at center of the knob range.

FOCUS – A high pass filter for reducing the lowest bass frequencies. Use this knob in conjunction with the BASS control to “focus” the peak of the bass shelving filter.

SCOOP – This control provides a special mid cut to clean up “muddy” mid-range frequencies. The cut profile is based on the classic ‘Pultec Trick’ from the Pultec® equalizer. Set the toggle “up” to enable.

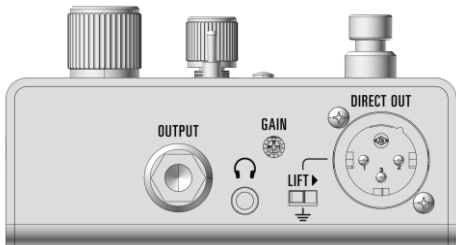


GAIN (side adjustment) – this “trimmer” control can be adjusted with a small screwdriver from the unit side. We have preset the trimmer for a moderate amount of gain with an average output passive bass. If you’re using the Bass ZIO with a high output active bass or a lower output passive bass, you can adjust the gain up or down to taste with this control.

CONNECTIONS

MAIN OUTPUT (unbalanced) –
Connect to your amp or pedalboard.

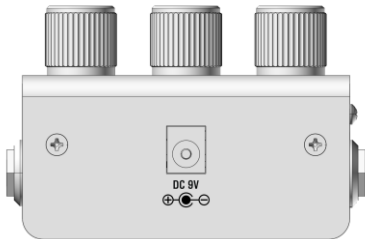
DIRECT OUT – Connect the Bass ZIO directly to a mixer or audio interface using an XLR cable for recording or live sound applications. This is a balanced output signal.



HEADPHONE OUTPUT – The headphone output features a high dynamic range, low-noise amplifier that is capable of driving low impedance studio headphones.

LIFT – If you're getting "hum" on the direct output, slide the LIFT switch to the right to lift the internal ground connection to the DIRECT OUT XLR jack.

POWER



POWER – Power the Bass ZIO using the included 9V supply or a pedalboard power supply. Note that the supply should be able to source up to 200mA of current. The unit's high voltage rails and specialized circuit requires more power than typical analog pedals. The high-performance headphone amplifier also adds to the power consumption when in use. Using a higher voltage than 9V is not recommended. Without headphones, the base current draw is around 140mA.