

www.AXiomEffects.com

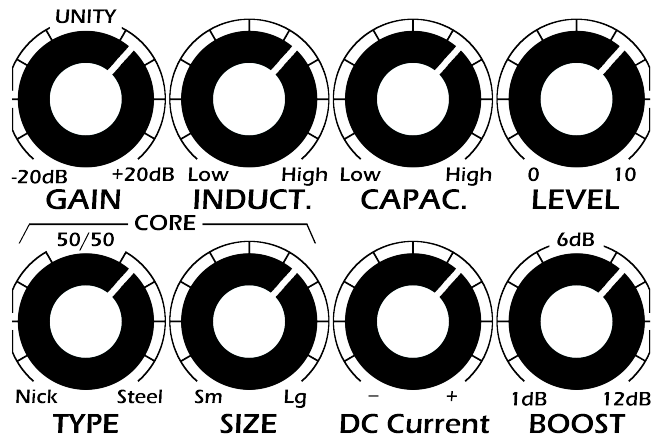
AXIOM XFMR BOOST XB-1

The AXIOM XFMR Boost XB-1 is the industry's first 100% analog transformer emulator boost/buffer pedal to precisely recreate the harmonic profile and frequency response of audio transformers. Xfmr's are well-known for imparting a clarity and "sweetness" to the sound that, until now, couldn't be gotten any other way. They can also get downright nasty when pushed hard.

So why not just buy a real xfmr? Well, unless you deliberately buy a "dirty" one, you'll likely have trouble pushing it hard enough to be noticeable. And then what if you want a more transparent one? Buy another? What if your humbuckers push the xfmr to where you like it but your single-coils don't? The XFMR Boost XB-1 recreates the harmonic content and overdrive characteristics of real transformers... and gives you precise control over them. It can go from a buffered clean signal, to a subtle increase in clarity, to a noticeable edge on your tone, all the way up to the sound of a very, very hardpushed saturating transformer. Plus, it has a dedicated footswitch with up to 12 dB of clean level boost for solo breaks.

- 100% analog circuitry
- True bypass

www.AXiomEffects.com



GAIN: Increases the signal level into the xfmr emulation circuitry as the knob is turned clockwise (CW). Used to trim hot input signals and boost weak ones into the "sweet spot".

INDUCTANCE: Increases xfmr inductance as the knob is turned CW. Higher permeability cores and more primary windings increase inductance. This has the effect of increasing the bass response.

CAPACITANCE: Increases the winding capacitance as the knob is turned CW. This has the effect of reducing treble frequencies.

LEVEL: Increases the output signal level as the knob is turned CW.

TYPE: Adjusts the xfmr core from high *Nickel* through *50/50* nickel-steel to a high *Steel* core. High nickel cores saturate the least and have the cleanest low frequency response. High steel cores saturate the most and distort furthest into the high frequency band.

SIZE: Adjusts the size of the xfmr core from *Small* to *Large*. Small cores saturate more at lower frequencies and large cores produce the cleanest bass.

DC Current: DC current in a xfmr primary reduces clean headroom and increases even harmonic content. A little DC current increases clarity, a lot produces a heavily saturated, sputtery distortion.

BOOST: Adds up to 12dB of clean level gain when the BOOST footswitch is engaged.

TIP: To increase clarity and note separation, set TYPE between *Nickel* and *50/50* and increase DC Current until just before the audible distortion point. Use GAIN and SIZE to fine-tune the response.

DIMENSIONS:	Height 4.7" Width 3.9" Depth 1.3"
VOLTAGE:	9 Vdc (battery or external power)
INPUT IMPEDANCE:	1 MOhm
CURRENT DRAW:	51 mA (maximum)
POWER CONNECTION:	2.1 mm, center negative (9 Vdc standard)