



J-TONE 01

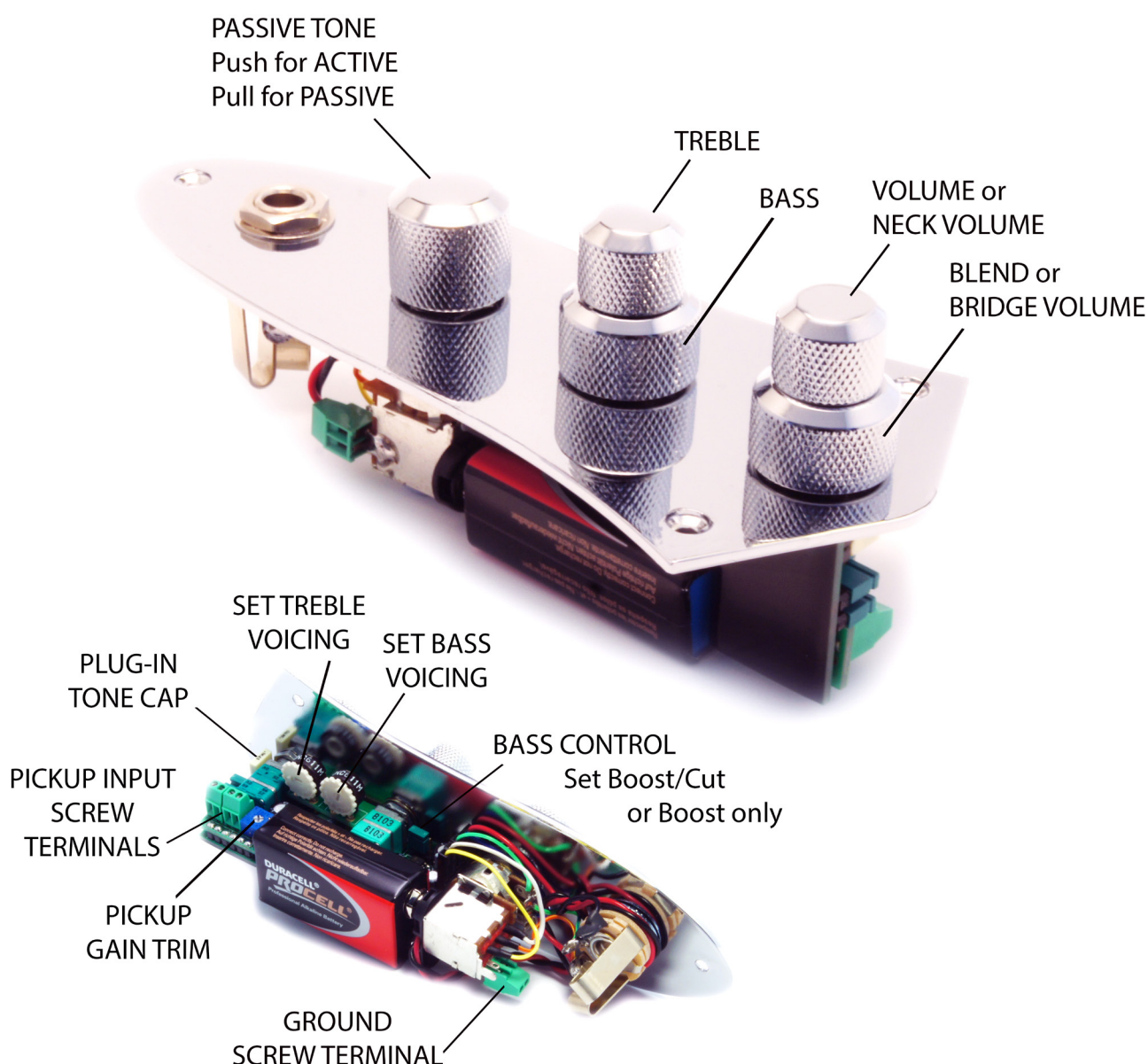
Active & Full Passive Preamp for J Style Basses

We have often been asked, is it possible “to retain the original sound?” of a J style bass, but with a “modern Active EQ?” in the same Preamp, plus “no changes to my bass?”.

In response, we have created the J-TONE pre amp, replicating the authentic original passive wiring of the J style bass with a high spec Active EQ. It's designed as a direct drop-in replacement, including a place for the battery. It's easy to fit at home using basic tools, no soldering, no physical changes to the instrument*.

The Passive wiring is available as either the classic Volume / Volume / Tone, or for those who prefer a master volume - Volume / Blend / Tone. Plug-in tone caps allow additional fine tuning of the passive tone control.

The Active EQ is simplicity itself, incorporating highly responsive bass and treble controls, taken from our new high end UNI-PRE system. Internal edge wheels allow individual custom voicing for both the bass and treble control spectrums. Instrument qualities can be enhanced in conjunction with tone-shaping to match playing styles.



See Page 2 for further details.



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Summary of Features & Basic Spec

Summary of J-TONE features:

- Classic Volume / Volume / Tone passive path version, replicating original J style wiring.
- Volume / Blend / Tone version for those who prefer a master volume.
- Push-Pull active/passive on Passive Tone.
- Class A FET input stage for great sound quality, with master gain trim preset adjuster.
- Highly responsive Bass and Treble control adjustments in active.
- Frequency Wheels to set the width of the bass and treble spectrums individually.
- Passive Tone is always operational, in both active and passive.
- Passive Tone has plug-in tone cap to allow easy swapping of the cap value for different roll-off frequencies.
- Bass control can be set as boost/cut or boost only, with an internal jumper link setting.
- Screw terminals for all external connections - pickups and grounding, for easy installation.
- Designed as drop-in replacement for standard J electronics with no physical changes to the instrument*.
- Design allows 9V Battery to fit beneath the preamp in a standard J style bass.

Note: * The J-Tone will fit in the majority of J style basses, but the routing width and depth of cavities does vary, so we can't guarantee fit. It's important to check that a 9V battery drops into the cavity close to the jack, and that there's a depth of 32mm.

BASIC RESPONSE, GAIN & EQ SPEC.

- **PASSIVE MODE:** Neutral flat response in accordance with passive control settings.
- **ACTIVE MODE:** Neutral flat response when Bass & Treble controls are set to their centre clicks.
- **GAIN TRIM:** Internal Trimmer 0-12dBs setting overall gain of active circuit.
- **BASS CONTROL:** +/- 18dBs Cut/Boost with internally adjustable shelf frequency 40-200Hz.
- **TREBLE CONTROL:** +/- 18dBs Cut/Boost with internally adjustable shelf frequency 1kHz - 7.5kHz.

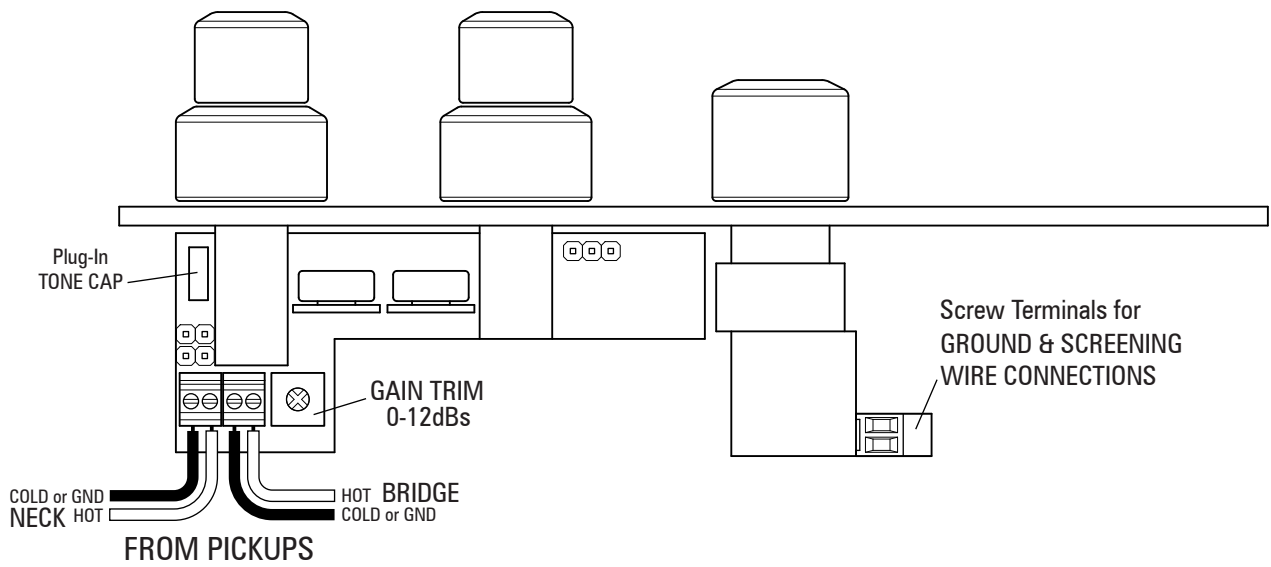
J-TONE Plug-In Tone Caps

Several Tone Caps have been included allowing players to set the Passive Tone Roll-Off Frequency according to what works best for them. The higher the cap or capacitor value, the lower the roll-off frequency, ie the more mellow or deeper the sound, when the tone control is fully backed off.

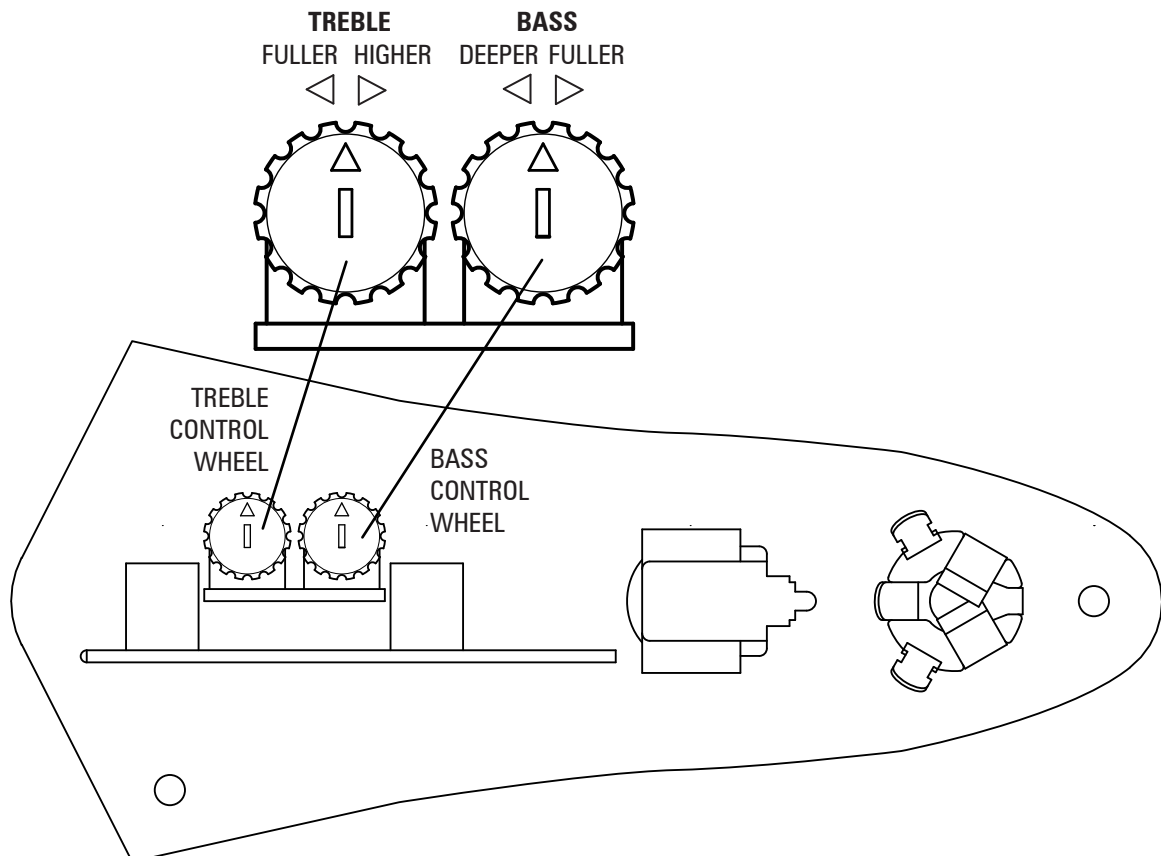
- The default cap fitted to a J-Tone is a 0.1uF (= 100nF) which is the deepest in terms of sound. It was used in the early P basses and is the stock value for East products.
- The 0.047uF (= 47nF) is less deep, often the stock value for Jazz basses, which used to be 0.05uF in the vintage instruments.
- The 0.033uF (= 33nF) is lighter still, very close to the value of 0.03uF, used for the bridge pickup in 62 Jazz basses, which had a tone control for each pickup.
- The 0.022uF (= 22nF) gives the least mellow tone, close to the vintage value of 0.02uF. This value does not seem to have been used in Fender basses, but a number of bass players like to use this cap value for passive tones.

J-TONE BASS PREAMP

CONNECTIONS & SETTINGS



BASS & TREBLE VOICING





J-TONE 01

Warranty & Disposal

GUARANTEE

- Your East product is guaranteed to be free from defects in materials and workmanship for a period of one year from the date of original purchase.
- If during the guarantee period your product becomes faulty due to defective materials or workmanship, then the unit will be repaired or replaced without charge for parts or labour at the discretion of EastUK, according to the conditions below.

CONDITIONS

- The original sales invoice or receipt indicating the date of purchase and sales outlet is presented together with the faulty unit.
- The unit was installed competently consistent with the instructions supplied.

WHAT IS NOT COVERED

- Damage due to accident or improper handling, installation or operation.
- Defects caused by the instrument or system to which the unit has been installed.
- Damage resulting from repair of the unit carried out by non-authorized service personnel.
- The costs of transport or shipping costs relating directly or indirectly to the guarantee of this product.

TO DISPOSE OF YOUR PREAMP SAFELY

- **Check Local Rules:** Find out if there are any specific laws in your area about disposing of electrical waste.
- **Recycle:** Take your old preamp to a local recycling centre.
- **Donate:** If your preamp still works, consider donating it to a bassist who has yet to discover the wonders of our active bass technology!



By disposing of your electrical goods properly, you help protect the environment!