



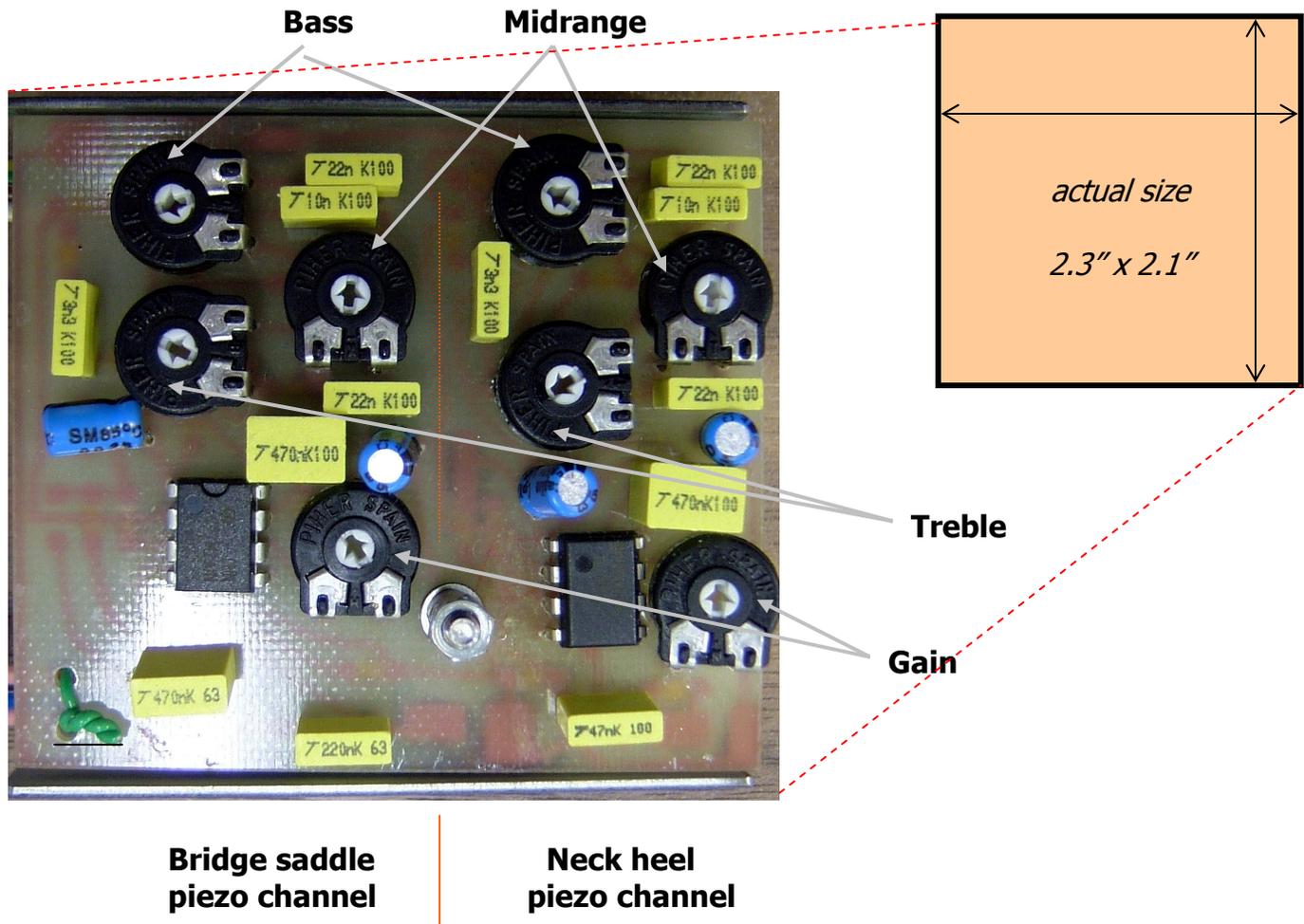
The disc-style piezo transducer located at the neck heel of both DeMars Guitars instruments designed to capture the influence of the neck on overall instrument tone.



There is also a ribbon-style piezo transducer at the traditional undersaddle location as well. These two transducers and the groundbreaking PowerBlend™ dual-channel onboard 9V preamplifier are made by K&K Sound (www.kksound.com). No phase cancellation or any other undesirable effects due to the use of these two pickups have been found. The result: a tonal richness not typically associated with piezo pickups. Additionally, each channel of the preamp features a 3-band EQ (bass, mid, treble) and the relative volume of each pickup can be adjusted via two small dials located within the control cavity. The instrument will be shipped with optimized volume balance and EQ "sweet spot" settings already set for each pickup; the player can easily adjust these to his/hers preferences on the preamp circuit board. A master volume control (with matching rosewood knob) is easily accessible to the player on the treble wing of the rosewood bridge.



K&K Sound PowerBlend™ dual-channel preamp Onboard EQ & gain potentiometers



All DeMars Guitars instruments will be shipped with a "sweet spot" already set to provide optimum balance and EQ between both pickups. Owner has the option of changing these settings. Please refer to above diagram for locations of adjustable pots (use a miniature flat-blade screwdriver). Note locations of white pots before any adjustments are made so that original settings can be easily restored.

There is also a small circuit board housing two small thumbwheels that govern the overall output/balance of the two channels after this preamp circuit. That signal is then sent to the master volume control (with rosewood knob, located on the treble wing of the bridge), then to the 1/4" output jack.