

CHANDLER LIMITED[®]

GERMANIUM TONE CONTROL

Chandler's newest series of units continues with the GERMANIUM Tone Control. The Tone Control uses active AND passive EQ circuits in combination with the GERMANIUM amplifier developed for the GERMANIUM Pre and incorporates the versatile Feedback and Drive controls as well. All bands use inductors for the fattest smoothest tone possible. The passive low frequency section is selectable between "Pultec/Lang" interactive curves and more standard low frequency with pass filter for maximum flexibility while the Treble and Presence bands are active and designed to sound like your favorite British eqs from yesteryear. The Tone Control continues the GERMANIUM tradition of undeniable sound with maximum flexibility at a reasonable price. Fans of the Pre are sure to love it!



Individual bypass for passive and active EQ sections.

INTERACTIVE/INDEPENDENT-
Use this toggle to select between interactive "Pultec/Lang" type curves where you can boost and cut at the same time to create strange and wonderful EQ combinations or a more standard low frequency with pass filter combination.

TREBLE-
This active band has 18dB of boost or cut and is selectable between bell and shelf curves. The bell selections are at a wider Q than the PRESENCE band for flexibility and there are eight EQ points-3k9, 4k7, 6k8, 8k2, 10k, 12k, 16k, 20k.

GERMANIUM DRIVE-
This controls the input gain of the Germanium amp. The amount of gain from this is related to the Feedback control position.

FEEDBACK Control-
Controls the amount of out signal fed from the amplifier output back to its input. As well as acting as a volume type control, this knob seriously affects the tone of the unit. With feedback to the left there is less volume, less Total Harmonic Distortion, and more high frequencies. With feedback to the right there is more volume, more Total Harmonic Distortion, and a low end peak around 30hz. Combine this with the Germanium Drive control, thick, and pad switches for a cool variety of sounds.

THICK Section-
This is a variation on the THICK setting on the GERM Pre Amp. It is the passive portion of the equalizer and has controls for boosting and cutting at the same time to create great combinations in either INTERACTIVE or INDEPENDENT modes. Boost is 0-20dB at 35, 50, 70, 90, 120, 220 hz and is selectable between bell or shelf. Cut is 0-20dB at 20, 30, 40, 60, 150, 200, 240, 320 hz and is specially tuned for use with INTERACTIVE and INDEPENDENT modes. 20-60 hz settings are sharp 18dB/octave cuts to cleanly remove very low frequencies when in INDEPENDENT mode. 150-320 hz are shelf type cuts that create the fun curve combinations when in INTERACTIVE mode.

PRESENCE-
This is an active portion with 15dB of boost or cut on eight frequencies. For variety the Q is slightly sharper than the bell setting on the TREBLE band. Eq points are 300, 500, 800, 1200, 3300, 4100, 6200, and 8300.