

PALLADIUM

GAIN STAGE

Tech Specs:

Type of circuitry: Low noise op amps and germanium clipping diodes

Bypass: True hard-wire bypass

Control Functionality:

Bass: Sets amount of bass boost or cut

Mid Level: Sets amount of mid frequency boost or cut

Mid Freq: Sets location of center frequency of mid boost or cut.

Treble: Sets amount of treble boost or cut

Presence: Sets amount of boost or cut above the treble frequency range

Level: Sets the output signal level

Gain: Sets the amount of gain at high frequencies from 42.5dB to 71dB

Resonance: Sets the amount of gain at low frequencies from 41.5dB to 66dB

Boost Knob: Sets the amount of additional gain provided by the Boost footswitch

Boost Footswitch: Engages the Boost function

Input Impedance: 500K ohms

Output Impedance: 2.8k ohms

Gain Range: 42.5dB to 71dB

Resonance Gain Range: 41.5dB to 66dB

Boost Gain: 25dB

Noise Referred To Input: <-124 dBV, 400 Hz to 20 kHz

Tone Control Response:

Bass - 100Hz center, +/-15dB boost/cut

Mid - 255Hz to 1100Hz, +/-12db boost/cut

Treble - 2.7kHz center, +/-13dB boost/cut