



Trumpet

Vacuum Tube Phonograph Preamplifier

Features

- Fully balanced differential circuitry (XLR or RCA jack input and output options)
- Class A operation, no feedback
- All tube signal path
- Choke regulated power supplies
- DC heaters
- Passive, split RIAA
- Extra low input capacitance
- Mute/Polarity switches
- Single-box design (no separate power supply)
- Inverse-RIAA burn-in filter included
- Handcrafted in USA

Description

The Trumpet phono preamp is a reference quality unit for the most demanding of audiophiles. It's main features are fully balanced operation and switchable polarity. Housed in a single chassis, the power supply is mounted well below the amplifier, about the same height as separate stacked boxes. Eight hand-matched Russian vacuum tubes complement the nearly dual-mono construction of the amplifiers. Available with any combination of RCA or XLR jacks for inputs and outputs.

The Trumpet implements a number of unusual circuit topologies and tricks to improve performance, too many to list here. Highlights are: bipolar high voltage power supplies that are fully choke filtered (continuous current), choke filtered dc heater supply, class A differential long-tailed pairs, current source-loaded cathode follower outputs, passive shunt power supply regulation, split RC equalization, and no feedback anywhere. Frequency response is tremendous, flat from 5Hz out past 250kHz. Distortion is exceptionally low at 0.03%.

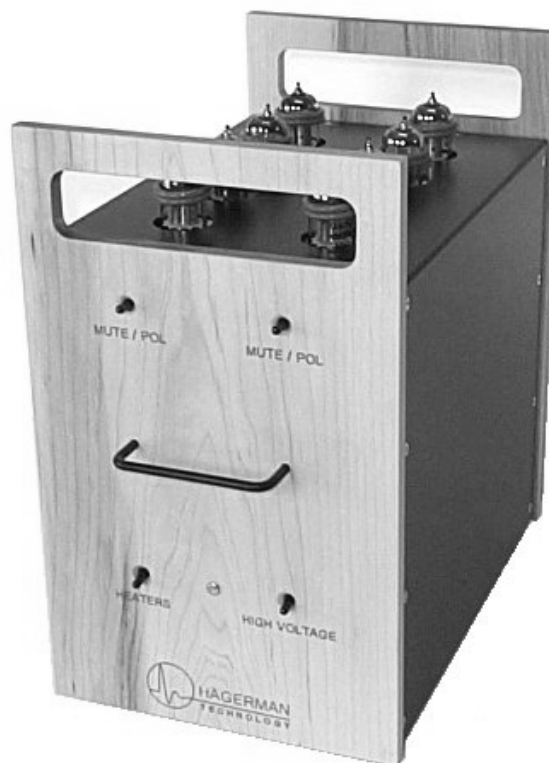
Premium components are used throughout. Gold-plated connectors, sockets and switches, audiophile-grade polypropylene coupling capacitors, power metal-film resistors, soft-recovery diodes, film bypass capacitors, lead-free solder, high grade 0.063" thick aluminum sheet metal, and computer-engraved hard white American maple are just a few examples.

The chassis is a marvel of anti-vibration architecture. Circuit boards are freely hung like suspension bridges from solid support towers (the front & back damped wood panels). Acoustic foam is attached to the inside of the chassis cover. Sorbothane feet provide isolation from the mounting surface. Even the vacuum tubes wear special high-temperature o-rings to reduce microphonics. And that's just the obvious. Look closer and you will find all transformers and chokes on rubber mounts, modified tube sockets that are actually bolted to the circuit board, and o-rings under certain large capacitors.

In addition, the chassis benefits from an inherent chimney effect for enhanced convection cooling and increased airflow

past the tubes. The sheet metal chassis forms a complete electric field shield around the electronics (with the exception of the exposed tube plates). Careful attention has been paid to grounding and current flow.

Available in 120V only.



Trumpet vacuum tube phonograph preamplifier

Specifications

Gain	44dB (50dB balanced)
Input Impedance	47k ohm plus 36pF (loading resistors can be added)
Output Impedance	750 ohm
RIAA Response	+/-0.5dB from 20Hz to 20kHz
Bandwidth (-3dB)	5Hz to 250kHz
Distortion	0.03% @ 1kHz
SNR	66dB ref 5mV A-weighted
Overload	250mV @ 1kHz 1% distortion
Power Consumption	70W @ 120Vac
Size	7" wide x 12" high x 12" deep
Weight	14 lbs.
Tube Complement	12AX7 (ECC83) x 4, 12AU7 (ECC82) x 4
MSRP	\$1895