

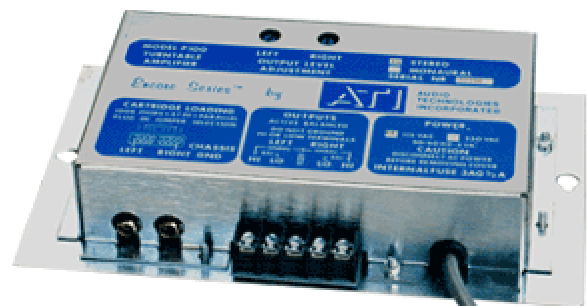
Stereo Turntable Amplifier

P100S

No pretty paint or shiny pushbuttons but an economical, RF proof package wrapped around high performance circuitry makes this preamp our best seller. A subsonic warp filter, DIP switch R and C cartridge loading, precision 1/2dB equalizer, low noise front end and a line isolated active balanced output makes this preamp your best buy. Fully RF protected with double ground plane P.C. boards, well shielded steel enclosure, double bypassing and Ferrite suppressors on all input, output and power leads.

The preamp will comfortably accept 350 mV peaks (250mVrms) at mid frequencies and up to 2 Vpk levels at 20 kHz. These levels are so far in excess of the velocity capability of both cutter heads and playback cartridges that you can forget about input headroom as a limitation for the foreseeable future.

- Adjustable R and C Phono cartridge loading.
- 750 mVp-p input headroom.
- Active 2 pole subsonic Warp Filter.
- 90 dB signal-to-noise ratio.
- Precision equalizer with polystyrene capacitors and film resistors for stability.
- 13V/u Sec Slew Rate for minimum TIM.
- Old or new RIAA curve by jumper change.
- +18dBm active balanced outputs.
- Quality components, socketed IC's, AB pots, shielded power xfmr.
- P100S Stereo.



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Technical Specifications

P100S

INPUT IMPEDANCE	Programmable, 50K to 100K ohms, 50 to 400 pf in 50 pf steps.
INPUT LEVEL	5 mV nominal for +4dBm output, 250 mVRMS maximum at 1 KHz
NOISE	S/N 80dB minimum unwgtd, 90dB "A" wgt. ref. 10mVrms at 1 KHz, 600 ohm input termination and 20 KHz measurement band.
OUTPUT LEVEL	+18dBm into 600 ohm balanced or unbalanced loads. 10Vrms into high impedance loads.
OUTPUT IMPEDANCE	400 ohms balanced, 200 ohms single ended, split and RF bypassed.
DISTORTION	.1% max. THD 20-20,000 Hz at +18 dBm into 600 ohm balanced loads, .05% typical into Hi-Z and single ended 600 ohm loads.
RESPONSE	+/- .5dB 30 to 20,000 Hz. ref. old or new RIAA curve. IMD .05% max., SMPTE measurement.
SUBSONIC WARP FILTER	Flat to 30 Hz, -6dB at 20 Hz, -20dB at 10 Hz, -30dB at 5 Hz.
CHANNEL SEPARATION	60dB min. 20 to 20KHz.
SLEW RATE	13V/u Sec
POWER	115/230 VAC, 50-60 Hz, 6VA
CONNECTORS	Input, RCA type phono jacks, output- barrier block, .375 inch centers.
SIZE	9 1/4" L x 5 3/8" W x 1 5/8" H, shipping weight 5 lbs.
WARRANTY	Limited, One Year Warranty