

Stereo Turntable Amplifier

P1000

P1000 Stereo Phono Amplifiers maximize the performance of your analog phonograph reproducing systems. Lowest noise and more circuit headroom than the physics of disk cutting will ever require make this proven design an exceptional performer in your studio. You will be amazed at how a really effective subsonic filter cleans up the rest of your audio chain. Flat to the RIAA standard within .25 dB from 20 kHz to 30 Hz, a two pole active filter provides a 30 dB rolloff by 7 Hz (typical arm resonance). Subsonic high amplitude record warp and seismic signals that can saturate downstream transformers and circuits are cleanly blocked with little audible effect on the sound. Push button high boost and cut filters help you to brighten a muddy recording or reduce stridency. DIP switch cartridge loading allows precise compensation for cable capacity effects on the cartridge. The P1000 provides sparkling performance even in high RF broadcast environments.

You will be amazed at how well a really effective subsonic filter can clean up the rest of your audio chain. Flat to 30 Hz, down 30 dB by 7 Hz, it blocks those high amplitude record warp and seismic signals that can saturate downstream transformers and cause intermod distortion in high-level circuitry. Push button high boost and cut filters allows you to brighten a muddy recording or reduce stridency. DIP switch cartridge loading, precision 1/4dB equalization, low noise and more headroom than the physics of disk cutting will ever require make this preamp an exceptional performer. Available in desk, cabinet, and rack mounting.

- **High gain**
- **No noise**
- **RCA inputs**
- **Terminal block outputs**
- **DIP switch cartridge loading**



Models

| | |
|---------|---|
| P1000-1 | STEREO PHONO AMPLIFIER WITH TRANSFORMER BALANCED OUTPUTS |
| P1000-2 | STEREO PHONO AMPLIFIER WITH ACTIVE BALANCED OUTPUTS |

Stereo Turntable Amplifier

Technical Specifications

P1000

| | |
|-------------------------------|--|
| INPUT SENSITIVITY | Adjustable, 1mV at 1 kHz provides +8dBm out. |
| MAXIMUM INPUT LEVEL | 320mVrms at kHz. |
| MAXIMUM OUTPUT LEVEL | +22dBm/600 ohms (P1000-1) +24dBm/600 ohms (P1000-2) |
| DISTORSION | .1% maximum THD at +20dBm output, 30-20,000Hz. |
| INPUT IMPEDANCE | 47,000 ohms and 47pF minimum, DIP switch capacitor Selection Paralle is 47, 100 and 200 p.f. |
| EQUIVALENT INPUT NOISE | Shorted input, .5uVrms. Cartridge input (1,000 ohms +.5Hy), .8u Vrms. Yields 80dB S/N ratio (unweighted, 20kHz measurement bandwidth), when used with a typical cartridge outputting 10mVrms at 1kHz at standard reference stylus velocity of 5cm/sec. |
| FREQUENCY RESPONSE | Extended RIAA Curve +/- .25dB, 30 to 20,000 Hz. -2.5dB at 20 Hz typical. |
| POWER | 115/230VAC +/-10%, 47-63Hz, 10VA |
| DIMENSIONS in.(mm) | 8.5(216)W x 1.75(44.5)H x 7(178)D, 4lbs, (.176Kg). |
| MOUNTING | Suction feet for non-slip desk mounting. Universal angle brackets included mount unit behind a panel or under a desk. Rack mount kits; 20021-501 mounts a single centered unit, 20024-501 mounts two units side by side. |
| CONNECTORS | RCA phono jack inputs, screw terminal outputs. |
| SUBSONIC FLITER | -3dB maximum at 2Hz, -18dB minimum at 10Hz. |
| HIGH BOOST AND CUT | +2bD, -2dB at 10kHz. Shelving filters move upper 2kHz RIAA corner |
| SYSTEM SLEW RATE | 13 V/microsecond |
| WARRANTY | Limited, One Year Warranty |