

PH 9

Phono Preamplifier



audio research



As enthusiasm for vinyl has rebounded in recent years, it is important to remember that we've never abandoned our support for the medium, from the on-board phono stages built into our SP-series starting in 1970, to the separate PH-series beginning in 1992. The vacuum tube PH9, is the latest in this series of high performance phono stages offering new insight into your vinyl collection.

With three high current 6H30 tubes, the PH9 provides higher transconductance, better dynamics, and improved sound. With a new transformer and a larger, higher-current power supply, the sound is more powerful and dynamic, with deeper and tighter bass and greater musical authority. As in the Reference Phono 3, the PH9 has vacuum-tube regulation in its power supply. With a fixed gain of 58 dB, and loading options of 100, 200, 500, 1000 and 47k ohms, a very wide variety of phono cartridges can be accommodated. The single-ended inputs and outputs assure compatibility with almost any system. All functions are readily available from the front panel or from the remote control. The PH9 features a tube hour meter, making an easy task of monitoring tube life. The display can be turned off for those low light listening sessions. The PH9 allows vinyl to shine. With clarity and dynamics that make music come vibrantly alive, the PH9 will keep you engaged into the early hours of the night.

SPECIFICATIONS

Frequency Response: ± 2 dB of RIAA, 5 Hz to 20kHz; 1 dB points below 0.3Hz and above 80 kHz. **Distortion:** Less than .015% at 3V RMS 1kHz output. **Gain:** 58 dB at 1 kHz. **Input Impedance:** Selectable loads: 47k, 1000, 500, 200, 100 Ohms. **Output Impedance:** 200 ohms. Recommended load 50k-100k Ohms and 100 pF. (10k Ohms minimum and 2000 pF maximum). **Output Polarity:** Non-inverting. **Maximum Input:** 80 mV RMS at 1kHz. **Rated Outputs:** 0.5V RMS 10 Hz to 60 kHz, into 100K ohm load (maximum balanced output capability is 0.46V RMS at less than 0.5% THD at 1kHz). **Power Supplies:** Electronically regulated low and high voltage supplies. Automatic 2 minute warm-up/brown-out mute. Line regulation better than .01%. **Noise:** >77 dB, shorted inputs. **Tube Complement:** Three 6H30P dual triode, plus one 6550WE and one 6H30P in power supply. **Power Requirements:** 100-125VAC 60Hz (200-250VAC 50/60Hz), 120 watts maximum. Standby: 2 watts. **Dimensions:** Width: 19" (48 cm), Height: 6.5" (13.7 cm), Depth: 13.7" (34.8 cm). Handles extend 1.6" (4 cm) forward of the front panel. **Weight:** 15.4 lbs. (7 kg) Net; 23.5 lbs. (10.7 kg) Shipping.