

PH9

PH9 Phono Preamplifier



The PH9 follows in the footsteps of the Reference Phono 3, both visually and sonically, offering extremely high performance and high value in a slightly smaller, more affordable package.

The PH9 contains numerous improvements that elevate its performance to a new plateau. The tube complement has increased to three 6H30 tubes, providing higher transconductance, better dynamics, and better sound. With a new copper-wrapped R-core 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 also has vacuum-tube regulation in its power supply, using a 6550 and a 6H30.

Along with other products in this series, the board material is thicker and heavier, there is proprietary new wiring, and a number of other parts changes that combine to make a major advance in performance. Custom designed capacitors are used throughout, including Teflon® in the RIAA and gain sections, and special, low-noise JFETs are utilized at the input to keep this tube-based phono stage extremely quiet.

Gain is fixed at 58 dB, allowing use with a wide variety of moving coil cartridges. Extraordinary bandwidth has been maintained, with 3 dB points below 0.3Hz and above 400kHz.

Operation is straightforward and flexible. Five different impedance settings allow for cartridge loading on the fly with the included metal remote. Cartridge impedance, tube hours, auto shutdown, Stereo/Mono, and other features are included in the menu system. The display can be dimmed or turned off as desired.

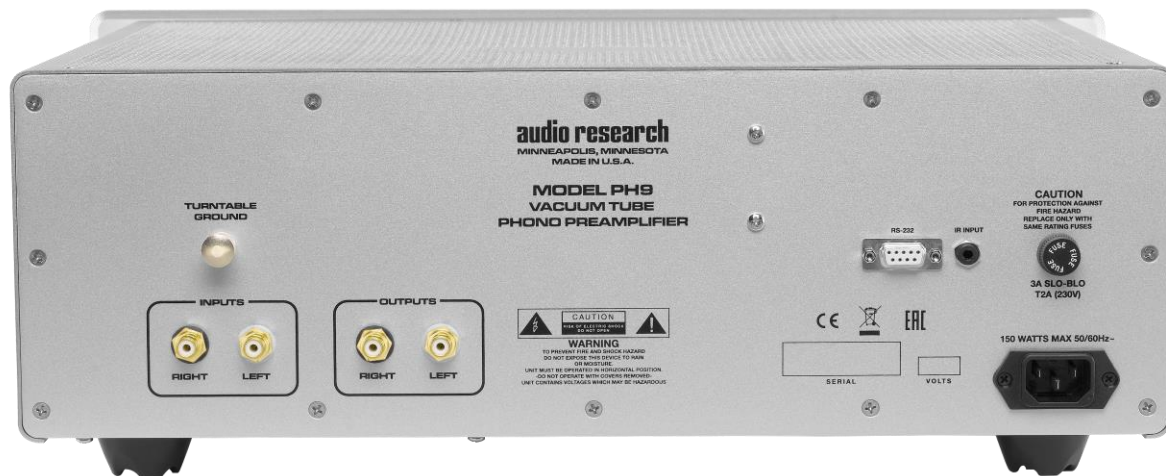
Inputs and outputs are via single-ended RCA. There is an IR input and RS232 input control, with the power connection via a 15A IEC connector. Natural or black anodized finishes are available.

The PH9 allows the beauty and naturalness of vinyl to shine. With clarity and dynamics that make music come vibrantly alive, the PH9 keeps us pulling out one LP after another, not wanting the listening session to end.

If you love great analog than you must experience the PH9 for yourself. Hand-made from the ground up in our Minnesota facility, the PH9 offers a wonderful combination of performance and value.

audio research
HIGH DEFINITION®

3900 Annapolis Lane North Plymouth, MN 55447 T: 763.577.9700 F: 763.577.0323 www.audioresearch.com



Specifications

Frequency Response: ± 2 dB of RIAA, 5Hz to 20kHz; 1 dB points below 0.3Hz and above 80kHz; 3 dB points below 0.3Hz and above 400kHz.

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 10Hz to 60kHz, into 100K ohm load (maximum balanced output capability is 0.46V RMS at less than 0.5% THD at 1kHz).

Controls: 6 Push Buttons: Power, Menu, Option, Enter, Input, Mute.

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: (3)-6H30P dual triodes, plus (1 each) 6550WE and 6H30P in power supply.

Power Requirements: 100-135VAC 60Hz (200-270VAC 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.

audio research
HIGH DEFINITION®