



LP1

Phono Preamplifier

As enthusiasm continues to grow for analog music playback, Audio Research introduces a new phono preamplifier with an astonishing price to performance ratio. Designed and built by the same people who created the legendary Reference Phono 2SE, the LP1 opens the door to high performance audio to a whole new audience.

The LP1 is a departure for us in both size and series designation. The chassis is a compact 13" wide, by 8.6" deep, by 4.5" high. The front panel has the inset Audio Research logo with an engraved line completing the panel, but no handles. There are simply two switches for Power/Off and Mute/Operate. The entire chassis is silver, and the front panel is only available in Natural. The LP1 has 47dB of gain, perfect for higher output (>1.0mV) MM and MC cartridges. It is a hybrid design utilizing one 6H30 tube, special low noise JFETs, custom Audio Research designed power transformer (made in the U.S.), and multiple stages of regulation. There is no overall feedback, and it is noninverting. Inputs and outputs are single-ended.

The LP1 simply sounds wonderful, with great transparency and a lovely tonal balance. Typically Audio Research, the LP1 has dynamic life, passing gobs of information and sorting out the most complex musical passage. Airy on top, resolute on the bottom, the LP1 is fun to listen to and distances itself from the competition. Put it in any system at hand and have a great time with your favorite vinyl.

audio research



SPECIFICATIONS

FREQUENCY RESPONSE: $\pm 0.3\text{dB}$ of RIAA, 10Hz to 20kHz.

DISTORTION: Less than .019% at .5V RMS SE output.

GAIN: 47dB at 1kHz.

SWITCHES: Power, Mute.

INPUT IMPEDANCE: 47k ohms (0.7 to 7mV high output cartridge recommended).

OUTPUT IMPEDANCE: 5.5k ohms Single Ended (Single Ended RCA connectors). 60k ohms minimum load and 100pf maximum capacitance.

OUTPUT POLARITY: Non-Inverting.

MAXIMUM INPUTS: 40mV RMS 1kHz, 100mV RMS 10kHz.

RATED OUTPUTS: .0.5V RMS Single ended into 100k load (maximum output 15V RMS at 1% THD at 1kHz).

POWER SUPPLIES: Electronically-regulated low and high voltage supplies. Automatic 40 sec. warm-up/brown-out mute. Line regulation better than .01%.

NOISE: $0.4\mu\text{V}$ RMS IHF weighted equivalent input noise, shorted input 74dB below 2mV RMS 1kHz input).

TUBE COMPLEMENT: (1) 6H30 dual triode.

POWER REQUIREMENTS: 100-135 VAC 60Hz (200 - 270VAC 50/60Hz) 35 watts maximum.

DIMENSIONS: 11.3" (33 cm) W x 4.5" (11.4 cm) H x 8.6" (21.8 cm) D. Rear chassis fittings extend 0.6" (1.5 cm).

WEIGHT: 9 lbs

audio research