PREAMPLIFIER

LS17

**VACUUM TUBE
LINE STAGE
PREAMPLIFIER**

LS17 Line Stage Preamplifier

With the REF3 redefining what is possible in ultimate preamplifier performance and the LS26 creating a new performance benchmark in a slightly smaller package, we are very proud to introduce the LS17, a new preamplifier offering much of their performance and musicality in a more affordable package. The new LS17 retains the strong feature set of the previous LS16 series, offering two balanced and five single-ended inputs, and two balanced and one single-ended output. A monitor input and record output are also provided. On the front panel, the changes are more obvious. A new linear LED display provides a 20-lamp display for the 104-step volume control, as well as indicators for selected input and muting. One rotary control is provided for volume adjustment, while a second controls input select. Pushbuttons are provided for power, monitor, processor (unity gain) and mute. All functions are also accessible via the included handheld remote. For systems using a master controller, all LS17 functions are individually addressable by discrete codes. Handles are included as part of the standard LS17 package. But it is in the LS17's remarkable new level of performance that you will experience the biggest difference from its predecessor. Using two 6H30 twin triodes in the audio stage, the LS17 has a larger power transformer, redesigned power supply and new parts including proprietary output coupling caps. This gives the LS17 the stunning purity of sound first heard in the REF3 and in the more recent LS26. The family resemblance is undeniable, and convincing. The LS17 has an easy flow to its presentation, but it resolves musical and spatial information at a much higher level than the LS16 series was ever capable of. Instrument focus, soundstage clarity and bass definition are all vividly enhanced. Members of our listening panel agree that if the LS26 is the "REF3 Jr.," then the LS17 is surely the "Baby REF3." The pedigree is only too clear, and you will hear it immediately and without effort.With the introduction of the LS17, Audio Research now offers benchmarks in preamplifier quality, performance and value at three distinct price points. Our lineup has never been stronger. Hear for yourself how an LS17 can transform your system and make music much more enjoyable.

LS17 Specifications

FREQUENCY RESPONSE: +0-3dB, 0.5Hz to 160kHz at rated output (Balanced, 200k ohms load).
DISTORTION: Less than .01% at 2V RMS BAL output.
GAIN: Main Output : 18dB Balanced output (12dB SE output). Record output: 0dB (Processor input: 0dB SE (output).
INPUT IMPEDANCE: 120K ohms Balanced, 60K ohms SE . Inputs (7): Balanced: BAL2. BAL1. SE: Aux, Tuner, CD, Proc, Monitor.
OUTPUT IMPEDANCE: 700 ohms Balanced, 350 ohms SE Main (2). 20K ohms minimum load and 2000pF maximum capacitance. Outputs (4): 2 Main Bal, 1 Main SE, 1 Record SE.
OUTPUT POLARITY: Non-inverting.
MAXIMUM INPUT: 24V RMS BAL. 12V RMS SE.
RATED OUTPUTS: 2V RMS 1Hz to 100kHz into 200K ohm balanced load (maximum balanced output capability is 15V RMS at less than 0.5% THD at 1kHz).
CONTROLS: Rotary volume selector (104 steps, 20 LED indicators) and rotary input selector. Push buttons: Power, Monitor, Proc, Mute. Also remote buttons: Bal 1, Bal 2, Aux, Tuner, CD.
POWER SUPPLIES: Electronically regulated low and high voltage supplies. Automatic 50 sec. warm-up/brown-out mute. Line regulation better than .01%.
NOISE: 2.2uV RMS residual IHF weighted balanced equivalent input noise with volume at 1 (101 dB below 2V RMS output).
TUBE COMPLEMENT:2-6H30 dual triode. (Hybrid JFET/tube audio circuit, solid-state power supply).
POWER REQUIREMENTS:105-130VAC 60Hz (210-260VAC 50/60Hz) 50 watts maximum.
DIMENSIONS: 19" (48 cm) W x 5.25"(13.4 cm) H (standard rack panel) x 12"(30.5 cm) D. Handles extend 1.50" (3.8 cm) forward of the front panel.
WEIGHT: 13 lbs. (5.9 kg) Net; 23 lbs. (11.5 kg) Shipping.

Specifications subject to change without notice.

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