

LS 28SE

Line Stage Preamplifier



audio research



The LS28SE line stage is a flexible and intuitive preamplifier. Four balanced and four single-ended inputs, and two sets of both balanced and single-ended outputs, allow maximum connectivity. The straightforward menu allows control of numerous parameters, including input naming, tube hours, auto shutdown, and home theater passthrough. Phase invert and mono are also standard functions. At the heart of the LS28SE are four 6H30 vacuum tubes in the analog circuit. While the LS28SE is the perfect match for any Audio Research amplifier, it has been designed to work with nearly any amplifier on the market today.

The improvements in the LS28SE stem from what was learned during the creation of Audio Research's Reference 160-series amplifiers. Very similar to the wire and parts changes incorporated in the Reference 6SE and Reference Phono 3SE, the LS28SE also includes upgrading to the same proprietary gold coupling caps used in the Reference 6SE. These numerous and costly component upgrades elevate the LS28SE's performance to an entirely new level. The improved clarity, resolution, transient snap, sense of space, and a relaxed purity are instantly noticeable and will inspire extended listening sessions.

SPECIFICATIONS

Frequency response: +0-3dB, 0.4Hz to 200kHz at rated output (Balanced, 200k ohms load) **THD:** Less than .007% at 2V RMS BAL output. **Gain:** Main output: 18.5dB balanced output. (12.5dB SE output.) Record output: 0dB (Processor input: 0dB balanced out). **Noise:** Less than -100dBv at max volume (103). **Input Impedance:** 100K ohms Balanced, 50K ohms SE. 8 Inputs – 4 balanced, 4 single-ended. **Output Impedance:** 600 ohms Balanced, 300 ohms SE Main (2), 20K ohms minimum load and 2000pF maximum capacitance. Outputs (3): 2 Main, 1 Record (XLR and RCA connectors). **Output Polarity:** Non-inverting. **Maximum Input:** 16V RMS BAL, 8V RMS SE. **Rated Outputs:** 2V RMS (1V RMS SE) into 200K ohm balanced load (maximum balanced output capability is 17V RMS at less than 0.5% THD at 1kHz). **Tube complement:** (4) 6H30P dual triode. **Dimensions:** Width:19" (48 cm), Height:7.8" (19.8 cm), Depth: 16.5" (41.9 cm). Handles extend 1.6" (4 cm) forward of the front panel. **Weight:** 37.5 lbs. (17 kg) Net; 49 lbs. (22.3 kg) Shipping.