

LS28SE Line-Stage

SKU LS28SE

Category [PreAmplifiers](#)

Electronic Specifications

FREQUENCY RESPONSE

+0-3dB, 0.4Hz to 200kHz at rated output (Balanced, 200k ohms load)

THD+NOISE

Less than .007% at 2V RMS BAL output.

NOISE

Less than -100dBv at max volume (103).

DYNAMIC RANGE

122dB (AES17).

CROSSTALK

-105dB

GAIN

Main output: 18.5dB balanced output. (12.5dB SE output.) Record output: 0dB (Processor input: 0dB balanced out).

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).

CONTROLS

Rotary volume selector (103 steps) and rotary input selector. Push buttons: Power, Menu, Enter, Mono, Invert, Mute

POWER SUPPLIES

Electronically regulated low and high voltage supplies. Automatic 45 sec. warm-up/brown-out mute. Line regulation better than .01%.

TUBE COMPLEMENT

(4) 6H30P dual triode.

POWER REQUIREMENTS

105-125VAC 60Hz (200-250VAC 50/60Hz) 130 watts maximum.

STANDBY

2W

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: 16.0 lbs. (7.2 kg) Net; 24 lbs. (10.9 kg) Shipping.