
Specifications

LS2B STEREO LINE AMPLIFIER SPECIFICATIONS

Frequency Response:

± 0.5 dB, 1Hz to 100kHz (Balanced or unbalanced)
-3dB points below 0.1Hz and above 300kHz

Distortion:

Less than .01% at 2V RMS output. (Balanced or unbalanced)

Gain (Balanced or unbalanced input):

Main output: 18dB (Optional 9 dB gain reduction)
Balanced output: 24dB
Tape output: 0dB

Input Impedance:

50K ohms unbalanced, 3 megohm balanced.

Output Impedance:

250 ohms main output; 500 ohms balanced 1,2, (10K ohms minimum load and 2000pF maximum capacitance)

Maximum Input:

20V maximum unbalanced, 8.5V (+21dBu) maximum balanced.

Rated Outputs:

2V RMS 1Hz to 100kHz into 60K ohm load (maximum output capability is 10V RMS [20V RMS balanced] output at .05% THD at 1kHz into a 10K ohm load).

Power Supplies:

Electronically-regulated low and high voltage supplies.
Two transformers (toroid for high voltage). Line regulation better than .01%.

Noise:

20uV RMS residual 1HF weighted noise at main unbalanced output with gain at minimum (100dB below 2V RMS output). Balanced input noise 100dB below 1V input.

Tube Complement:

1 - 6DJ8/ECC88 dual triode
(Hybrid FET/tube audio circuit, solid-state power supply)

Power Requirements:

100-135VAC 60Hz (200-270VAC 50/60Hz) 60 watts maximum

Dimensions:

19" (48 cm) W x 5 1/4" (13.4 cm) H (standard rack panel) x 10 1/4" (26 cm) D.
Handles extend 1 5/8" (4.1 cm) forward of front panel. Rear chassis fittings extend 7/8" (2.3 cm)

Weight:

14 lbs. (6.0 kg) net; 22 lbs. (10 kg) Shipping