

# Precision Dual Line Amplifier

L1000

The L1000 is the ideal product to upgrade a low output console, drive phone lines, boost inputs, cancel hum, interface Hi-Z outputs to balanced lines, compensate for line loss, sum L+R, check phase, drive meters and headphones. Balanced, bridging inputs, transformer or active balanced outputs, +22dBm in and out, 34dB gain. Half rack, mounts one or two across. Barrer block terminals, XLRs optional.

- DRIVE HEADPHONES
- DRIVE PHONE LINES
- CANCEL HUM
- INTERRUPT GROUND LOOPS
- BOOST INPUTS
- BOOST LOW CONSOLE OUTPUTS
- SUM L+R
- INTERFACE HI-Z TO 600 OHMS
- DRIVE UV METERS
- COMPENSATE FOR LINE LOSSES



Models	
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L-1000-1	DUAL LINE AMPLIFIER WITH TRANSFORMER BALANCED OUTPUTS
L-1000-2	DUAL LINE AMPLIFIER WITH ACTIVE BALANCED OUTPUTS

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## Technical Specifications

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<b>GAIN</b>	34dB, front screwdriver adjustments, std, Knobs optional (specify L1000-#KN).
<b>OUTPUT CLIPPING LEVEL</b>	+22dBm/600 ohms.(L1000-1) +24dBm 600 ohm (L1000-2)
<b>INPUT CLIPPING LEVEL</b>	+24dBm bridging 600 ohms.
<b>NOISE</b>	106dBm EIN, 20kHz bandwidth yields 96dB S/N ratio with -10dBm bridged input.
<b>FREQUENCY RESPONSE</b>	+/- .25dB, 20 to 20,000Hz.
<b>DISTORTION</b>	.1% (L1000-1), .05% (L1000-2) THD at +20dBm output, 30-20,000Hz.
<b>HUM REJECTION</b>	80dB for common mode hum.
<b>CROSSTALK</b>	70dBm maximum at 10kHz.
<b>INPUT IMPEDANCE</b>	30,000 ohm balanced differential input stage with input protection diodes and RF bypassing.
<b>CONNECTORS</b>	Rear panel screw terminals std., XLRs optional (specify L1000-#-XLR). <b>POWER</b> 115/230VAC +/-10%, 47-63Hz, 10VA.
<b>DIMENSIONS in. (MM)</b>	8.5 (216) W x 1.75(44.5) H x 7(178)D, 4lbs, (176Kg).
<b>MOUNTING</b>	Suction feet for non-slip desk mounting. Rack mount kits; 20021-501 mounts a single centered unit, 20024-501 mounts two units side by side.
<b>WARRANTY</b>	Limited, One Year Warranty