

LX Power Amplifiers



LX-7 7 Channels x 200 Watts

LX-5 5 Channels x 200 Watts

Powerful • Quiet • Stable • Accurate

HIGHLIGHTS

- 200W per channel, each with four custom designed, hand-graded output transistors
 - Bridgeable architecture for higher power output (400W at 8 Ω)
- Oversized toroidal power transformer with extraordinarily low DC resistance and thermal protection
 - High-power supply voltage (160V) for extra headroom at the outputs
 - THX Ultra Certification
 - Junction Temperature Simulation (JTS) to provide maximum performance from output transistors
 - Thermal protection against overheating
 - Speaker protection against DC and frequencies below 10Hz
- Protection against short circuits, device failures, miswiring, and internal faults
 - Stable with mismatched, reactive, or unusual loads
- Quiet, microprocessor controlled, forced-air cooling to minimize chassis size
 - Compatible with 2 Ω speaker impedances (INDIVIDUAL Mode)
 - Trigger input for power control from an external device
 - RCA, XLR, and 1/4-inch Tip/Ring/Sleeve inputs
 - Ground lift switch
 - Heavy-duty gold plated outputs
 - Multi-color channel status LEDs
 - Rack-mount option available

US MSRP:

LX-7 \$5,995 • LX-5 \$4,995

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SPECIFICATIONS

Audio Inputs

LX-7	7 RCA, 7 XLR (including 1/4-inch Tip/Ring/Sleeve)
LX-5	5 RCA, 5 XLR (including 1/4-inch Tip/Ring/Sleeve)

Audio Outputs

LX-7	7 pairs of heavy-duty binding posts
LX-5	5 pairs of heavy-duty binding posts

Performance

Amplifier performance specifications are identical in INDIVIDUAL and (BRIDGED) Modes, with the exception of Output Power and Minimum Speaker Impedance. (BRIDGED) Mode includes channels 1 & 2 and 3 & 4 only.

Output Power	200W at 8 Ω , all channels driven 20Hz to 20kHz 400W at 8 Ω , (BRIDGED)
Minimum Mode	2 Ω , INDIVIDUAL
Speaker Mode	4 Ω , (BRIDGED)
Impedance	

Performance (continued)

Frequency	20Hz to 20kHz
± 0.1 dB	
Response	10Hz to 100kHz
+0.5/-3dB	
THD	Below 0.02%, 200W at 8 Ω , all channels driven 20Hz to 20kHz
Signal-to-Noise Ratio	111dB 22kHz bandwidth, balanced inputs 109dB 22kHz bandwidth, unbalanced inputs (Ref 200W at 8 Ω)
IM Distortion	Below 0.03% at 200W
Crosstalk minimum	-80dB at 1kHz,
Damping Factor	250 at 20Hz, minimum
Input at 8 Ω , Sensitivity	2V in for 100W out balanced inputs 1V in for 100W out at 8 Ω , unbalanced inputs
Input Impedance	20k Ω , balanced 10k Ω , unbalanced
Gain	23dB, balanced 29dB, unbalanced

Other

Trigger Input	12V DC +/- 10%
Power	120V 60Hz 20A (Domestic)
Requirements	230V 50Hz 12.5A (Export)
Dimensions	
Height (144mm)	5.65 inches
Width (440mm)	17.3 inches
Depth (483mm)	19 inches
Weight	
LX-7	56lbs (25.4kg)
LX-5	52lbs (23.6kg)
Rack Mounting	Optional brackets are available for mounting either amplifier in a standard 19-inch equipment rack

Specifications are subject to change without notice