

NEW PRODUCT INFORMATION

L-550AX Integrated Amplifier



Luxman introduces its first ever solid-state integrated amplifier to incorporate a truly lossless volume control and superior audio circuitry

The L-550AX is the second of the X-Series of pure Class A solid-state integrated amplifiers to conquer the high-end market.

With an illuminated central oriented VU meter in its solid, symmetrical front fascia, the L-550AX incorporates the LECUA 1000 high precision electronically controlled attenuator, the latest ODNF 3.0A audio circuit and custom passive components as used in Luxman's flagship C-1000f control amplifier and B-1000f mono power amplifier.

The LECUA 1000 attenuator is configured to electrically block electromagnetic (EMI) and radio frequency (RFI) interferences. The output signal is attenuated without introducing artifacts inherent of conventional volume controls, thereby resulting in constant output impedance, high signal-to-noise ratio, a uniform frequency response and lowered distortion. As its name implies the ODNF (*Only Distortion Negative Feedback*) only applies negative feedback where distortion is present to reduce colouration more effectively. This lossless audio circuit enables the amplifier to retrieve every musical nuance captured by recording engineers. Transient response, attack, dynamic contrast, timbre, inner detail, bass authority, etc. are preserved. The reproduced sound is simply spell-binding.

The L-550AX is a state-of-art integrated amplifier featuring excellent engineering, extreme rigidity, elaborate circuit design and layout for the shortest signal path. These elements are only peculiar to the most exotic separate pre-amplifiers and power amplifiers. In addition, it possesses penetrating ability and a beguiling sound only inherent of pure Class A operation.

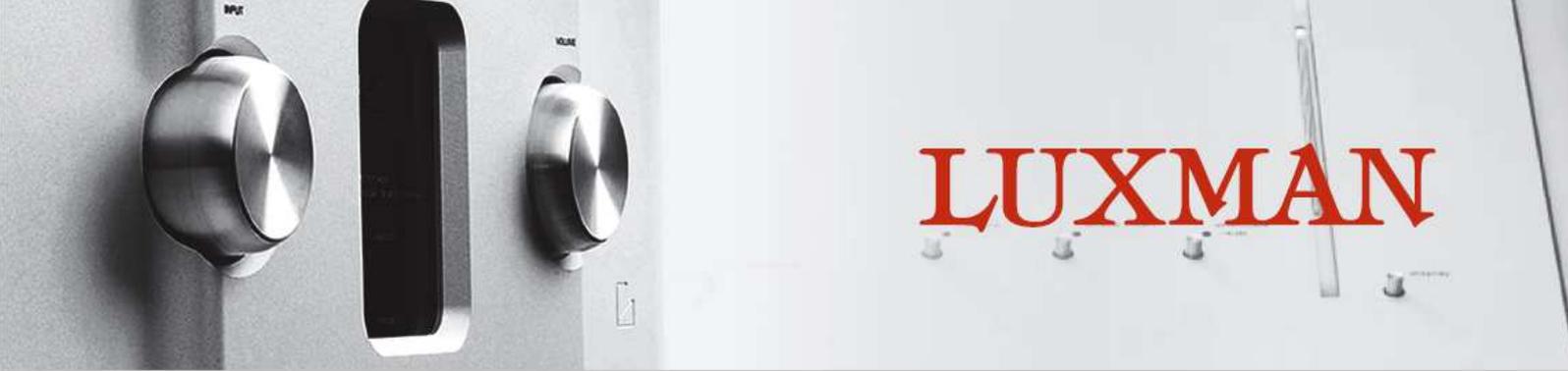
A heavily regulated power supply comprises an over-sized power transformer and ample 40,000 μ F filtering capacitor array. Notwithstanding its 2 x 20W modest power rating, the L-550AX is capable of driving virtually any speaker load.

IAG

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Specifications:

Rated Output	2 x 20W RMS/8Ω 2 x 40W RMS/4Ω
Input Sensitivity / Impedance	Phono (MM): 2.5mV/47kΩ
	Phono (MC): 0.3mV/100Ω
	Line: 180mV/42kΩ
Total Harmonic Distortion	<0.005%
Frequency Response	20Hz ~ 100kHz (-3dB)
S/N Ratio	>105dB
Line Inputs	4 x LINE, 2 x Balanced, 1 x MM/MC (switchable), 1 x TAPE, 1 x Power Amp in
Line Outputs	1 x Pre-Amp out, 1 x TAPE, 1 x headphones
Speaker Outputs	Speaker A/ B switchable, Speaker A+B
Dimensions (W x H x D)	440mm x 193mm x 463mm (including control knobs and terminals)
Weight	28.2kg
Accessories	Metal remote control handset, JPA-1000 polarized power cord

* Features and specifications are subject to change without prior notice. MADE IN JAPAN

For more information, contact our Luxman sales representatives.

Sincerely,
IAG Hi Fi Marketing
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