

LUXMAN

PURE CLASS A INTEGRATED AMPLIFIER L-550AX L-590AX



L-550AX

L-590AX



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Luxman's state-of-art pure Class A solid-state integrated amplifiers feature excellent engineering, extreme rigidity, elaborate circuit design and layout for the shortest signal path. Apart from an illuminated central oriented VU meter in its solid, symmetrical front fascia, the new L-550AX and L-590AX integrated amplifiers incorporate 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, and bass authority are preserved.

L-550AX



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, 1 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, polarized power cord	

L-590AX



Specifications

Rated output	2 x 30W RMS/8Ω	2 x 60W 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	>107dB	
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, polarized power cord	

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IAG House, Sovereign Court, Ermine Business Park, Huntingdon, Cambs, PE29 6XU, UK
Tel: +44(0)1480 447700 Fax: +44(0)1480 431767 <http://www.luxman.co.jp>

ラックスマン株式会社 〒222-0033 神奈川県横浜市港北区新横浜1-3-1
tel.045-470-6991 fax.045-470-6997 www.luxman.co.jp

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