

LUXMAN

INTEGRATED AMPLIFIER L-505uX



Integrated Amplifier L-505uX



L-505uX Introduction

LUXMAN have launched the latest generation of transistor integrated power amplifier, the 3rd version of the highly rated X series, L-505uX, with a high output power of 100W(8Ω). This high performance amplifier introduces Luxman's electronically controlled attenuator LECUA.

Over the last 15 years, since L-505s was first introduced in 1996, it has experienced 3 model changes.

Now the L-505uX, as the latest full revision model of Luxman 506 series, is avidly expected and popularly supported by audiophiles all over the world.

With an illuminated central oriented VU meter on its solid, symmetrical fascia, L-505uX introduces a high accuracy electronically controlled attenuator LECUA and Luxman exclusive high sound quality feedback circuit ODNF high S/N version 2.3, while keeping all the other superb features of Luxman products. As an integrated power amplifier, L-505uX inherits all the excellent features of L-590AX/L-550AX, such as ideal circuit design, chassis construction, wiring and layout.

L-505uX mainly features class-leading high sound reproduction capability, high power amplification, incomparable audio performance and the implementation of updated components, making this multi-functional integrated amplifier supreme in bringing to life your love of music.

※ LECUA is brief for Luxman Electronically Controlled Ultimate Attenuator.

※ ODNF is brief for Only Distortion Negative Feedback.

L-505uX Features

■ Electric circuits

- Adopts solid-state electronically controlled attenuator LECUA to eliminate sound quality decrease due to volume adjustment.
- Parallel the primary stage of the unique high sound quality feedback circuit ODNF to its 2nd stage and implement the high S/N version 2.3.
- Rated power 100W+100W(8Ω), providing forceful driving ability to all speaker systems.
- High inertia power supply with its combination of high regulation power supply transformer and high capacity capacitors (10, 000Mf X 4).
- Two high drivability low impedance large speaker relays in parallel.
- The input signal will generate the most appropriate and shortest route to the output, contributing to the new design of Beeline construction.
- Introducing high sound quality selector-switch IC which is also used in flagship preamplifier C-1000, to improve channel separation and cross talk performance.
- regulated power supply with lower switching noise Schottky diode from Japan Inter company.
- No gold plating process for all internal spiral wire strands and shields but introduce unique OFC cables, making sounds more natural.
- Considering the delicate music signal stream, round pattern PCB implements match layout and wiring to pass signals smoothly.
- Provide selectable MM/MC phono AMP with high-grade reproduction performance of LP records.
- Able to coexist with AV systems and could be used as a stand-alone preamplifier or power amplifier via Separate Switch.

■ Mechanical and Build

- Adopt unique roofless chassis construction to reduce the earth-impedance rise caused by chassis eddy currents.
- Supplied with 18mm pitch RCA input, RCA outputs and high quality power cord terminated with large plug.
- Ultra-thick speaker cable facilitates its installation.
- Speaker connectors with in-line layout, compatible with Y-type connectors (A, B2 system).
- Larger ventilation slots on its top panel to improve its heat dissipation efficiency.
- Adopt latest Luxman standard size (the size of separation AMP series).
- AC inlet to connect headphone output connectors or power cord.
- Plaster White coloured enclosure, refined finishing processed top panel, front panel meters with LEDs which could be used to illuminate in listening room.
- A durable aluminum remote control to control the amplifier and a no-twist construction Luxman standard Power cord JPA-10000 are supplied.

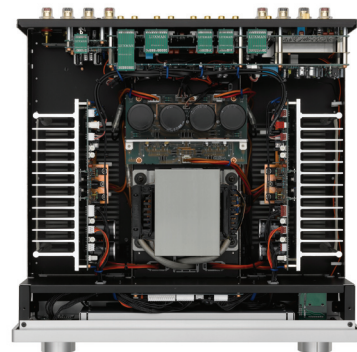
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SPECIFICATIONS

Continuous Outputs	100W+100W (8Ω), 150W+150W (4Ω)
Input	line x 4, phono x 1 (MM/MC) balance: line x 1, recording input/output x 1, separate inputs x 1
Loudspeaker Output	A, B System (A+B output)
Amplifying Circuit Output	ODNF2.3, bipolar, parallel, push-pull
Input Sensitivity / Impedance:	Phono (MM): 2.5mV / 47KΩ, PHONO (MC): 0.3mV / 100Ω, LINE: 180mV / 47KΩ
Harmonic Distortion	0.005% or less (1KHz / 8Ω), 0.04% or less (20Hz~20KHz / 8Ω)
Frequency response	20Hz~100KHz (+0, -3.0dB)
Signal-to-Noise	LINE: >105dB
Power Consumption	270W (rated output), 85W (no signal), 0.4W (idle)
Dimensions (W x H x D)	440 × 178 × 454 (mm)
Net weight	22Kg

※ The right is reserved to alter performance, specification and appearance as required.



LUXMAN

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