

Latest ODNF circuit version 3.0 delivers ample power of 200W rated output (4Ω) **Birth of the L-507u integrated amplifier**

MODEL NAME		COLOR
INTEGRATED AMPLIFIER	L-507u	Blasted-metal white



INTEGRATED AMPLIFIER L-507u

OUTLINE

Luxman will release the mid-range integrated amplifier model L-507u.

With the L-507u, Luxman is proud to introduce a integrated amplifier equipped with our original high-quality sound feedback circuit, ODNF*, in its latest upgraded version 3.0 and delivering a rated class AB output of 200W (4Ω load).

Luxman currently offers a 4-product lineup of solid state integrated amplifiers, from the L-505u entry model to the L-509u flagship model. But between the pure class A 20W L-550All and the pure class A 30W L-590All, we had nothing to offer and many fans had been calling for some time for a high-performance model in this price range.

The L-507u is the first integrated amplifier equipped with the upgraded ODNF version 3.0 as mainstay of the amplification section which governs sound quality. Low impedance achieved by error detection circuits has resulted in a greatly reduced distortion rate and improved signal-to-noise ratio, a high initial slew rate, and ample rated output to drive the speaker system – all of these characteristics work together to create a powerful and sophisticated musical portrait.

The unit offers a wide range of functions including a separation switch for one-touch separation of pre-amplifier and power sections, and many attractive features such as a hairline-finished top panel and a classy aluminum remote control as accessory.

The L-507u, an integrated amplifier that takes the balance between performance and functions to a higher dimension, fits into the listening room of audio users looking for a high-grade and simple audio system as their partner in full musical enjoyment.

* ODNF is an abbreviation for “Only Distortion Negative Feedback”.

FEATURES AND SPECIFICATIONS



- The upgraded version 3.0 of Luxman's original ODNF feedback circuit for high-quality sound, working in parallel with error detection circuits, achieves a greatly reduced distortion rate and an improved S/N ratio.
- Powerful rated output of 200W + 200W (4Ω) in parallel push-pull configuration is capable of driving a wide range of speaker systems.
- One line-in terminal is designed as a 20mm-pitch copper alloy terminal that combines the conductivity of copper with the hardness of brass.
- Bi-amplification by addition of a power amplifier and pre/power separation switch making combined use with an AV system possible.
- High regulation performance power transformer and large capacity block capacitor (10,000μF×4) deliver high inertial power.
- Incorporates the same high sound quality selector switch IC for enhanced separation and crosstalk performance as the flagship model.
- The power rectifier circuit is equipped with an SBD made by Nihon Inter Electronics for highly efficient power conversion to low-noise DC voltage.
- Used as internal wiring is OFC wire with spiral wrap shielded cores and non-plated core wires for natural signal transmission.
- Round pattern board wiring adopted to obtain smooth current transmission for reproduction of delicate music signals.
- Accommodated in an independent loopless chassis to eliminate the possibility of increased ground impedance due to chassis current.
- Extra-thick high-grade speaker cables, jack for Y-plug, and speaker terminal to accommodate a large-size banana plug.
- Refined hairline-finished top panel on a blasted white body, meter with blue LED illumination to adorn the listening room.

Continuous power output	110 W + 110 W (8Ω), 200 W + 200 W (4Ω)
Input	4 x lines, 1 x phono line (MM/MC selection switch), 2 x balanced lines
Recording input/output, separate input/output	2 x lines, 1 x line
Speaker output	1 x line each for A, B output
Amplification circuit, output configuration	ODNF3.0, Bipolar/parallel push-pull
Input sensitivity/input impedance	PHONO (MM): 2.5 mV / 47 kΩ, PHONO (MC): 0.3 mV / 100Ω LINE: 180 mV / 42 kΩ, BAL.LINE: 180 mV / 79 kΩ
Total harmonic distortion rate	0.004% or less (1 kHz/8Ω), 0.03% or less (20 Hz-20 kHz/8Ω)
Signal-to-noise ratio/frequency response	Line: 20 Hz-100 kHz (+0, -3dB)/107 dB or more
Attached equipment	[Front panel] Power switch, Input selector, Sound volume, Meters, Headphone jack, Phono MC, Recording selector, Speaker selector (A, B), Mode selector, Tone control, Balance, Line straight, Subsonic, Separate [Rear panel] Input/output terminals, Signal ground terminal, Balanced phase inversion, AC inlet
Dimensions and weight	467 x 179 x 430 mm (WxHxD), 22.5 kg
Accessories	Remote control

* The unit is supplied without a connecting cable. Please purchase one separately.