

Integrated Amplifiers



Separate Amplifiers



Vacuum Tube Amplifiers



Turntables



CD Players/DACs



Headphone Amplifiers

*“I was taken aback by the undeniable authenticity and accuracy of the Luxman’s delivery... Punch galore, atmosphere, power... I’d buy it for the looks and retro features alone”*



*Luxman L-590AXII – Ken Kessler, Hi-Fi News (April 2016)*

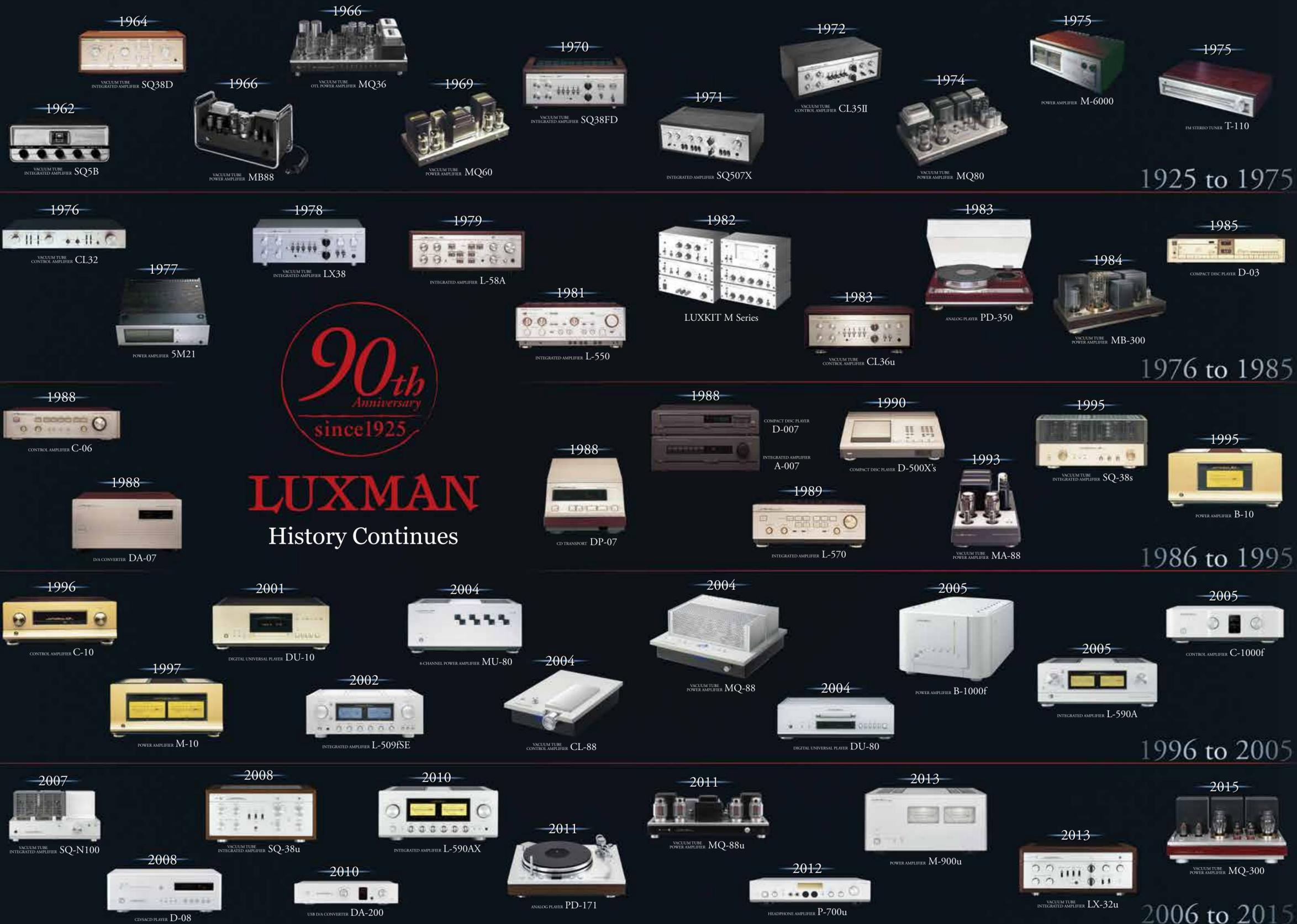


For Luxman engineers, their task is to ensure each hi-fi component produced delivers the same passion expressed by composers, players, and recording engineers.

Luxman sincerely desires to reproduce each delicate tonal nuance involved, transmitting the spirit of the artists and atmosphere taking listeners into new dimensions of musical excitement and appreciation.

Open to innovative ideas and free from engineering prejudices; Luxman is committed to designing and building heirloom products that satisfy audiophiles & music lovers alike and can be inherited by the next generations to come.





# INTEGRATED AMPLIFIER

## L-505uX Integrated Amplifier



The L-505uX is a fully featured integrated amplifier, Class AB with a high output power of 100W(8Ω) 150W(4Ω), with a new even more resolute phono stage, multiple inputs (including one balanced), tone controls (easily defeated at the touch of a button, even from the remote). It is a wonderful entrance to the world of Luxman.

With an illuminated central orientated VU meter on its solid, symmetrical face, 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.

- SPECIFICATIONS:**
- Continuous Outputs: 100W+100W(8Ω), 150W+150W(4Ω)
  - Input: line x 4, phono x 1(MM/MC) balanced 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
  - 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: PHONO(MM): >90dB, PHONO(MC): >75dB, LINE: >105dB
  - Power Consumption: 300W, 85W(no signal), 0.4W(Idle)
  - Dimensions (W x H x D): 440 x 178 x 454 (mm)
  - Net Weight: 22kg

## L-550AX mark II <sup>Pure A</sup> Integrated Amplifier



L-550AXII is a Mark 2 model of L-550AX which launched in 2011. L-550AXII makes its debut featuring a high-precision electric controlled attenuator LECUA and the latest version of proprietary high sound quality feedback circuit ODNF4.0, both are used in LUXMAN's upper range amplifiers. Keeping the symbolic appearance with traditional pointer-type meters on the front panel, the essence of the expressive power that made a huge step forward whilst developing the flagship integrated amplifier L-550AXII was poured into this model to provide its dense expression particular to pure A class sound and more detailed reproduction of the low range.

- SPECIFICATIONS:**
- Rated output: 20W + 20W (8Ω), 40W + 40W (4Ω)
  - Input, recording input and output, line x 4, phono 1 (MM / MC switching), balanced line x 1, recording input and output x 1, separate input separate input and output, and output x 1 - speaker output A / B system (A-B simultaneous can be output)
  - Amplifier circuit, output configuration: ODNF4.0, bipolar-parallel push-pull
  - Input sensitivity / input impedance: PHONO (MM): 2.5mV / 47kΩ, PHONO (MC): 0.3mV / 100Ω, LINE: 180mV / 47kΩ
  - Total harmonic distortion: less than 0.007% (1kHz / 8Ω), 0.02% (20Hz - 20kHz / 8Ω)
  - S / N ratio, frequency characteristic: LINE: 105dB or more, 20Hz - 100kHz (+ 0, -3.0dB)
  - Power consumption: 230W, 170W (when there is no signal), 0.4W (standby)
  - Dimensions (W x H x D): 440 x 178 x 454 mm
  - Weight: 24.3kg, including the rear terminal 27)

## L-507uX Integrated Amplifier



The Luxman L-507uX with a high output power of 110W(8Ω) 210W(4Ω), is a fully featured integrated amplifier conceived and created like a sophisticated separate to deliver highly accurate sound reproduction. Internally, the L-507uX is divided into blocks to reject radio-frequency noise; thereby improving the audible signal-to-noise ratio. While the power amp, power supply in/output and display blocks are shielded extensively and circuits are carefully isolated from each other to drastically cut interference due to magnetic flux.

The L-507uX integrated amplifier introduces Luxman electronically control attenuator LECUA, also includes the Luxman exclusive super sound quality feedback circuit ODNF high S/N version 2.0. To handle a wide array of inputs, Luxman gave the L-507uX a total of nine inputs (including 2 x balanced) a wonderful new phono-stage, tone controls (easily defeated at the touch of a button).

- SPECIFICATIONS:**
- Continuous Outputs: 110W + 110W(8Ω), 210W + 210W(4Ω)
  - Input: line x 4, phono x 1(MM/MC) balanced line x 2, recording input/output x 1, separate inputs x 1
  - Loudspeaker Output: A,B System (A-B output)
  - Amplifying Circuit Output: ODNF3.0
  - Input Sensitivity / Impedance: PHONO (MM): 2.5mV / 47kΩ, PHONO (MC): 0.3mV / 100Ω, LINE: 180mV / 47kΩ, MAIN-IN: 0.9V / 47kΩ
  - Harmonic Distortion: 0.007% or less (1kHz / 8Ω), 0.08% or less(20Hz - 20kHz / 8Ω)
  - Frequency response: 20Hz - 100kHz(+0, -3.0dB)
  - Signal-to-Noise: PHONO(MM): >90dB, PHONO(MC): >75dB, LINE: >105dB
  - Power Consumption: 350W, 86W(no signal), 0.4W(Idle)
  - Dimensions (W x H x D): 440 x 177 x 454 (mm)
  - Net Weight: 23.9kg

## L-590AX mark II <sup>Pure A</sup> Integrated Amplifier



The L-590AX MK II draws upon Luxman's decades of experience in amplifier design to deliver an exquisite combination of rich sonic expression, fine detail, wide bandwidth and dynamic gusto. Stereo output is rated at 30W per channel into 8Ω and 60W per channel into 4Ω.

In order to achieve this level of power without some compromise, Luxman has implemented its ODNF 4.0 drive circuit utilizing a THREE-parallel push-pull structure with three-stage Darlington. A Luxman 'Ultimate Efficiency Power Transformer'-an EI type rated at 615VA forms the heart of the amp's power supply, with plentiful regulation ensuring an unshakable response to any load fluctuations. A high-capacity block capacitor contributes to the L-590AXII's ability to deliver lashings of power instantaneously yet remain firmly in control, while the amp's low-impedance transmission design, carefully selected custom components and short, fully optimized signal paths deliver maximum sonic purity.

The L-590AX MarkII has 8 in total-4 each L and R. Thus the L-590AX Mark II has the same configuration as Luxman's M-7000. The L-590AX Mark II has 8 output boards. The L-590AX II can now drive even more difficult speaker loads with ease.

- 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 / 47kΩ
  - Total Harmonic Distortion: <0.005% (1kHz/8Ω), <0.02%(20Hz-20kHz/8Ω)
  - Frequency Response: LINE 20Hz - 100kHz(-3dB)
  - S/N Ratio: LINE 107dB
  - Line Input: x LINE, x BALANCE, x MM/MC(Selectable), x TAPE, x Power Amp In
  - Line Output: x Pre-Amp out, x TAPE, x headphones + Speaker Outputs: Speaker A/B switchable, Speaker A-B
  - Dimensions (W x H x D): 440x 193 x 463 (mm)(including control knobs and terminals)
  - Weight: 28.4kg

## C-700u Control Amplifier



Luxman's new C-700u preamp benefits from the same uncompromising construction and attention to detail as the D-06u. At its heart lies Luxman's fourth-generation ODNF (Only Distortion Negative Feedback) amp circuit, which restricts feedback to distortion components only, thus greatly enhancing signal-to-noise performance. This is directly coupled to the LECUA 1000 attenuator circuit, trickled down from the flagship C-9000u preamp, allowing an extremely fine degree of volume control and left/right balance adjustment whilst maintaining sound quality at the highest level. Exceptional signal purity doesn't have to mean stripped-to-the-bone facilities - not when they are implemented with Luxman's no-compromise approach. The C-700u includes precision bass and treble tone adjustment (extremely useful given the variability of today's music formats), a 'loudness' control for low-level listening, a 'line straight' button that bypasses the tone controls, and phase selection for the balanced inputs. The FL display can even be zoomed in stages via the remote, ensuring key information remains readable no matter how far the listener is from the preamp (the D-06u shares this feature). In terms of connectivity, the C-700u offers seven line-level inputs (five single-ended RCA and two balanced XLR), plus four line-level outputs (two single-ended and two balanced). Also present are monitor input and record output RCA terminals, an external preamp input for integration with an AV system, and two remote output terminals for integrated system control.

- SPECIFICATIONS:**
- **Input Sensitivity / Impedance:** Unbalanced 250mV / 46kΩ, Balanced 250mV / 67kΩ
  - **Output Voltage / Impedance:** Unbalanced rating 1V / 90Ω, Maximum, 11V  
Balanced rating 1V / 600Ω, Maximum, 11.5V
  - **Frequency Response:** 20Hz to 20kHz (+0, -0.1dB)  
5Hz to 120kHz (+0, -0.1dB)
  - **Total Harmonic Distortion:** Unbalanced 0.007% (20Hz to 20kHz)  
Balanced 0.010% (20Hz to 20kHz)
  - **S/N Ratio:** Unbalanced 125dB, Balanced 122dB
  - **Power Consumption:** 28W, 2.0W (at standby)
  - **Dimensions (W x H x D):** 440 x 130 x 430 (mm)
  - **Weight:** 14.6kg

## C-900u Control Amplifier



C-900u was newly created for the pursuit of the uppermost tone quality. Using trickle down technology from the award-winning C-1000f control amplifier, the Luxman C-900u control amplifier is a fully balanced design. Three single-ended, plus one dedicated external processor (Home Theater Bypass) and three balanced inputs. Two single-ended and two balanced outputs. A fully balanced design with tone controls is extremely difficult to implement but the Luxman engineers have achieved this to allow music lovers to enjoy all of their music collection. The balanced amplification circuit having 4-module configuration in which the right/left and HOT/COLD of sound signals are set to be independent is introduced to suppress unnecessary noise generation. Combination of the evolved traditional ODNF circuit version 4.0 and powerful power supply unit has achieved high S/N performance sound quality without distortion. Luxman's original fixed resistance switching type attenuator, the latest version of "LECUA 1000", is used for the volume adjustment mechanism that is the major key of the control amplifier. The number of contacts if set to 88 to allow the more precise volume adjustment to be performed. This product is appropriate for calling the modern control center because of its elegant design with user-friendliness, the tone control function, premium operation feeling, and more.

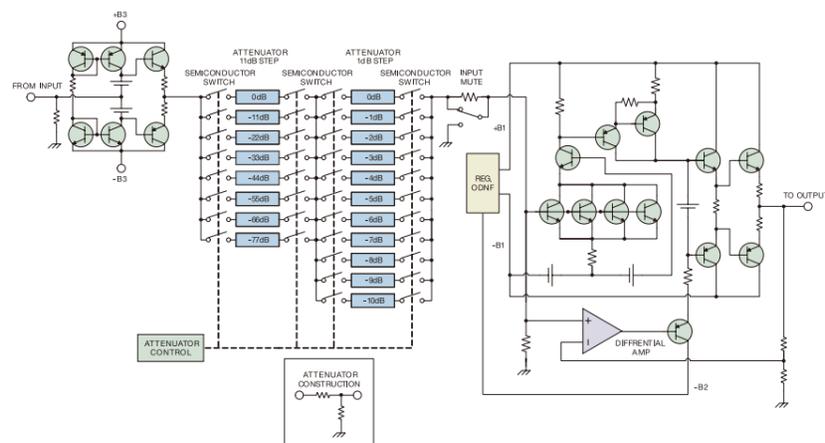
- SPECIFICATIONS:**
- **Inputs:** Unbalanced 3 system, Balanced 3 system
  - **Outputs:** Unbalanced 2 system, Balanced 2 system
  - **Input Sensitivity/Impedance:** Unbalanced 255mV/43kΩ, Balanced 255mV/86kΩ
  - **Output Voltage/Impedance:** Unbalanced rated 1V/90Ω Maximum 11V  
Balanced rated 1V/180Ω Maximum 22.5V
  - **Harmonic Distortion:** 0.009% (20Hz-20kHz), Balanced 0.005% (20Hz-20kHz)
  - **Frequency Response:** 20Hz - 20kHz (+0, -0.1dB), 5Hz - 120kHz (+0, -3.0dB)
  - **Signal-to-Noise Ratio:** Unbalanced 123dB, Balanced 126dB
  - **Power Consumption:** 42W, 2.2W (at standby)
  - **Dimensions (W x H x D):** 440 x 130 x 430mm
  - **Weight:** 19.7kg

## The new LECUA1000 computerized attenuator.

The newly developed integral LECUA1000 computerized attenuator with an 88 step amplifier circuit has been mounted in the volume adjustment unit, that is, for the first time as LUXMAN's integrated amplifier, an essential part of the pre-amplifier circuit. This pre-amplifier circuit uses the same design as the top end control amplifier, the C-900u. The LECUA 1000 enables the sound volume to be adjusted smoothly with minimal deterioration of sound quality.

A 3D layout has been introduced in the LECUA 1000 that allows substrates to be placed in three dimensions with the attenuator circuit directly connected to the amplification circuit, thereby minimizing routes and improving efficiency. Furthermore, this type of layout is extremely insensitive to external vibration and changes in sound quality caused by the volume level and has high durability.

※ LECUA is an abbreviation of Luxman Electric Controlled Ultimate Attenuator.



## M-700u Stereo Power Amplifier



The M-700u power amp is the perfect partner for the C-700u, drawing upon Luxman's decades of experience in amplifier design to deliver an exquisite combination of rich sonic expression, fine detail, wide bandwidth and dynamic gusto. Stereo output is rated at 120W per channel into eight ohms and 210W per channel into four ohms, achieving up to 840W per channel into one ohm instantaneously. There is also a user-selectable mono mode with a rated output of 120W into eight ohms. In order to achieve this level of power without sonic compromise, Luxman has implemented its ODNF 4.0 drive circuit utilizing a four-parallel push-pull structure with three-stage Darlington, improving distortion characteristics whilst is capable of a configuring with a wide variety of speaker systems including the use of a BTL connection. In classic Luxman style, the M-700u sports two illuminated VU meters, one for each channel, giving a real-time indication of signal level that's both a satisfying visual accompaniment to the music and a useful guide to how hard the amp is being pushed. Around the back are both single-ended RCA and balanced XLR inputs, heavy-duty speaker binding posts, switches for stereo/mono modes and phase inversion, plus a remote input terminal for custom installations.

- SPECIFICATIONS:**
- **Rated Output:** 120W + 120W (8Ω) at stereo/210W + 210W (4Ω) at stereo/420W (8Ω) at monaural
  - **Input Sensitivity:** 1.1V / 120W (8Ω) Gain29.0 dB
  - **Input Impedance:** Unbalanced 5kΩ, Balanced 3kΩ
  - **Frequency Response:** 20Hz to 20kHz (+0, -0.1dB)/Hz to 130kHz (+0, -3.0dB)
  - **Signal-to-Noise Ratio:** 115dB
  - **Total Harmonic Distortion:** 0.009% or less (1kHz/8Ω) 0.1% or less (20Hz to 20kHz)
  - **Power Consumption:** 370W 110W (under no signal) 0.4W (at standby)
  - **Dimensions (W x H x D):** 440 x 190 x 427 (mm)
  - **Weight:** 27.5kg

## M-900u Stereo Power Amplifier

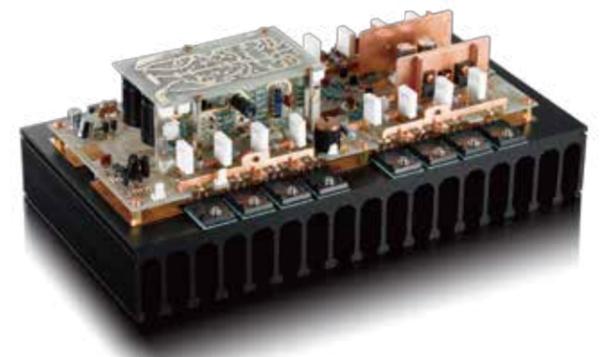


The stereo power amplification, M-900u, has been created to bring out the best sound expression from the speaker system. The rich gradation sound quality has been achieved from deep bass sound to clear high tone with sufficient drive force acquired by connecting the 4-parallel push-pull structural output units in parallel. Luxman's original ODNF circuit that provides both a lively feeling and ultra-low distortion has been evolved to the latest version 4.0. The transparent large analog meter produces the enjoyment of listening to music with finesse, and the exterior design with blasted white finishing encloses high power gently. The BTL connection allows the user to use the unit as an ultra-high power monaural amplifier of 600W (8Ω). The M-900u is a flagship stereo amplifier, with 12 watts (8Ω) pure Class A and 150 watts x 2 (8Ω) or 600 x 1 watts (8Ω) when used as a mono block. As a stereo amplifier, the M-900u is stable into a 1Ω load, where it delivers 1,200 watts, peak power. The Luxman M-900u offers a powerful power supply with large capacity 20,000 micro F x 4 block capacitors, OFC bus bar and direct hard wiring. The EI type transformer itself implements flat square-shaped copper windings minimizing line capacity, enhancing binding force and providing excellent magnetic stability. Outputting an impressive 1.250 VA (instantaneous 2,500 VA), the M-900u has the power required to drive any speaker to peak performance. The M-900u also utilizes 4 large capacity output relays offering an incredible damping factor of 710. To eliminate stray magnetic fields and associated impedance rises, Luxman developed a loop-less chassis eliminating the possibility of ground loops within the M-900u chassis. Cast iron legs act as a resonance sink and quickly drain vibrations found within the unit.

- SPECIFICATIONS:**
- **Inputs:** Unbalanced 1 system, Balanced 1 system
  - **Outputs:** Large-scale speaker terminal 1 system
  - **Continuous power output:** 150W+150W(8Ω) / stereo, 300W+300W(4Ω) / stereo, 600W(8Ω) / Monaural
  - **Maximum power output:** 1200W+1200W(1Ω) / stereo, 2400W(2Ω) / Monaural
  - **Harmonic Distortion:** 0.008% (1kHz/8Ω), 0.1% (20Hz-20kHz)
  - **Frequency Response:** 20Hz - 20kHz (+0, -0.1dB), 1Hz - 130kHz (+0, -3.0dB)
  - **Signal-to-Noise Ratio:** 117dB
  - **Power Consumption:** 540W, 280W (under no signal) 1.0W (at standby)
  - **Dimensions (W x H x D):** 440 x 224 x 485mm
  - **Weight:** 48.0kg

## High power ODNF amplifier with 4x2 output structure achieving overwhelming power linearity of up to 1,200W (1 Ohm).

The role of the power amplifier is to amplify sound signals from the control amplifier in faithful accordance with inputs and to vibrate the speaker units precisely. To perform these tasks, the great drivability and firm linearity of the output circuit are essential. M-900u has not only acquired sufficient rated output of 150W + 150W (8Ω), 300W + 300W (4Ω) but also achieved instantaneous maximum output of up to 1,200W + 1,200W (1Ω). Therefore, the unit can be ready with leeway for a sound source that requires high energy in a moment and drive speakers in any circumstances without being affected by change in speaker impedance. In addition the BTL connection allows the user to use the unit as a monaural amplifier with the rated output of 600W (8Ω). For the circuit configuration with this mighty power, 1 module of 3-stage Darlington and 4-parallel push-pull amplification circuit that is most excellent in sound quality according to our experiences of amplifier development for a long time and 4x2 output in which modules are combined are used. The effect of the counter electromotive force from a speaker is suppressed by maintaining the damping factor to 710, and overwhelming power linearity to drive the speaker unit is achieved. The latest version, 4.0, of the ODNF circuit that performs feedback of only distortion components is introduced to the amplification circuit. Then, both the merits of NFB (negative feedback), i.e. low distortion and wide-band characteristics, and the features of a non-feedback amplifier, i.e. quick response and natural tone quality are provided. The ODNF circuit version 4.0 has the improved accuracy of detecting distortion with use of 3 parallels of the first stage of the error detection amplifier. The expressive power of silence has been improved and the sound emotion is finely and heavily expressed by minimizing the feedback amount, reducing the distortion at high frequencies or low sound volume, and reproducing minimal sound data precisely.



# VACUUM TUBE CONTROL AMPLIFIER

## CL-38u Control Amplifier



Housed in an appealing wooden cabinet the CL-38u employs 3 x ECC83 and 5 x ECC82 in classic SRPP (Shunt Regulated Push Pull) configuration throughout all gain stages for extremely low output impedance thereby achieving strong drivability to cope with the most awkward amplifier loads. The use of four moving-coil step-up transformers in the phono stage further enables quiet and accurate reproduction of music recorded onto the LP. The CL-38u is a full-function pre-amplifier built to fulfill Luxman's design philosophy in quest of functions and sound quality peculiar to modern valve amplifiers.

### SPECIFICATIONS:

- **Input Sensitivity / Impedance:** LINE: 190mV / 50k
- **Phono (MM):** 2mV / 47k, Phono (MC-H): 0.3mV / 100, Phono (MC-L): 0.08mV / 30
- **Output Voltage / Impedance:** 1V RMS / 300, 19V (max.)
- **THD:** 0.006% (1kHz), 0.06% (20Hz - 20kHz)
- **Frequency Response:** Phono: 20Hz - 20kHz (±0.5dB), LINE: 10Hz - 70kHz (-3.0dB)
- **S/N Ratio:** LINE: 100dB, Phono (MM): 68dB, Phono (MC-H): 63dB, Phono (MC-L): 60dB
- **Input:** LINE x 4, Phono x 1
- **Tape Input / Output:** 1 set
- **Line Output:** 2 sets
- **Tone Control:** Bass Turnover Frequency: 150Hz / 300Hz / 600Hz Treble Turnover Frequency: 1.5kHz / 3kHz / 6kHz
- **Low cut:** 30Hz (-6dB/oct)
- **Dimensions (W x H x D):** 400 x 169 x 307 (mm)
- **Net Weight:** 13.5kg

# VACUUM TUBE STEREO POWER AMPLIFIER

## MQ-88u Power Amplifier



The MQ-88u is based upon the MQ-60 stereo power amplifier, still sought-after to date. It utilizes KT-88 power tubes by Slovakia, JJ in triode mode. OY-type output transformers encased in cast aluminum housing provide low output impedance for ideal speaker interface. This unit is equipped with one each of fixed and variable inputs, the latter enabling direct connection with any source component without a pre-amplifier. Delivering 2 x 25W into 6 ohms it operates in pure Class A adopting Luxman's long renowned vacuum tube circuit design. Tube complement comprises 2 x ECC83, 2 x ECC82 and 4 x KT88.

### SPECIFICATIONS:

- **Rated Power Output:** 25W + 25W (6Ω), 20W + 20W (4Ω, 8Ω)
- **Input Sensitivity:** 790mV / 25W (6Ω)
- **Input Impedance:** 100k
- **THD:** 0.15% (1kHz / 6Ω / 1W), 0.5% (20Hz - 20kHz / 6Ω / 1W)
- **S/N Ratio (IHF-A):** 105dB
- **Input:** 1 x Direct, 1 x Variable
- **Output:** Large speaker terminal x 1 set
- **Dimensions (W x H x D):** 440 x 184 x 230 (mm)
- **Net Weight:** 15.8kg

## MQ-300 Power Amplifier

NEW



The MQ-300 is a new generation of vacuum tube stereo amplifier from LUXMAN that uses the most thoroughly selected parts and circuits to maximise the performance and tonal quality of the latest direct heated triode - the TA-300B. Following in the design footsteps of the masterpiece MB-300 released 31 years ago, the MQ-300 combines traditional design with cutting edge technology.

Since the foundation of the company 90 years ago, and the subsequent release of the MB-300, LUXMAN has pursued certain core principles for sound generation. These principles are embodied in the MQ-300 as 'honest and natural sound quality, feeling the sound field without exaggeration', 'feeling the unity of sound with sufficient data for the whole audio band' and to achieve 'fatigue free listening enjoyment'. Expressing the original sound whilst bringing the spirit of each disk to life are qualities intrinsic to the MQ-300 and those principles.

### Design history

The design of the MQ-300 is a culmination of high performance parts, cutting edge technology and vacuum tube amplifier design 'know how' accumulated over many years. The MQ-300 is based on the cosmetic design and circuit configuration of the MB-300, the renowned masterpiece vacuum tube monaural power amplifier released by LUXMAN in 1984. The elements of traditional design and elegant tonal quality that is unique to the performance of the TA-300B, a direct heated triode, have been maximised in the MQ-300.

### SPECIFICATIONS:

- **Rated Power Output:** 8W + 8W (4Ω, 8Ω, 16Ω)
- **Input Sensitivity:** 490mV (8W) 240kΩ
- **THD:** 1% (1kHz / 8Ω / 1W)
- **S/N Ratio (IHF-A):** 105dB
- **Input:** 1 x Direct, 1 x Variable
- **Output:** Large speaker terminal x 1 set (4,8,16Ω independent)
- **Power Consumption:** 160W
- **Dimensions (W x H x D):** 460 x 273 x 340 (mm)
- **Net Weight:** 29.0kg

# BELT DRIVE ANALOG ANALOG TURNTABLES

## PD-171A Analog Turntable



Since the highly admired introduction of the PD-171 into the market in 2011, Luxman turntables have been renowned to deliver a sense of atmosphere that can only be achieved through the medium of vinyl, that every vinyl enthusiast strives to achieve. The PD-171A now has a highly rigid main chassis and heavy base ensuring stable rotation. A high torque synchronous AC motor drives a high inertia platter via a synthetic belt for smooth, seamless playback. The precision-machined spindle rests on a wide Teflon bearing to ensure frictionless rotation. The PD-171A's statically balanced custom Luxmantonearm glides smoothly on ball bearings for stable and reliable sound. The universal head shell allows easy cartridge replacement, and a detachable stylus light unobtrusively enhances visibility in a mood-lit room.

### FEATURES:

- Electronic circuit based on high output audio amplifier with built-in high precision 32 bit MICON signal generator.
- Belt driven high torque synchronous AC motor.
- Equipped with a LED reflected stroboscope for more accurate speed adjustment and confirmation.
- Belt drive type aluminum machining heavy turntable (5.0kg) utilizing high inertia moment (approx. 0.712)
- Chassis built from 15mm thick aluminum panels with floating sub-chassis to eliminate structural and airborne vibration.
- Belt-drive Turntable
- AC inlet on back plate to accommodate detachable mains cables.
- Wooden plinth adds a touch of luxury.
- Non-resonant universal headshell made of aluminum-magnesium alloy
- High quality, oxygen free Luxman phono DIN to RCA cable, is supplied with a strain relief under the plinth. It is however detachable, in case you prefer to use another brand of phono cable.
- The LED light on the LHS of the platter is detachable. No more fumbling in the dark trying to locate track # 2. The lamp is a soft orange and is very effective at showing where the tracks are located.
- Right in front of the platter is the stroboscope window. Speed adjustment is on the RHS of the stroboscope window. When you look into the window, you are actually looking at a mirror, which shows you the numbers 33 or 45 printed underneath the platter, on the outer diameter. When the speed is correct the numbers are static.
- Detachable 4mm acrylic dust cover is on hinges, but for best sound quality, we recommend removing the dust cover completely during playback.
- Both the tonearm cable & AC power cord are detachable, allowing an easy path to upgrade.
- Forming the vital part of an analogue playback system the PD-171 employs a high output oscillator circuitry coupled to a high precision, high torque synchronous AC motor that drives a high inertia platter via a synthetic belt for stable rotation.
- The precision machined spindle rests on a Teflon bearing of large diameter to ensure frictionless rotation. The solid aluminum platter is recessed into the top plate to lower the center of gravity. Handles are provided to remove the platter, if it ever needs to be shipped.
- The detachable headshell, allows one to swap cartridges and simply dial in the new tracking weight. Stereo& Mono cartridges of the same model / manufacturer can of course be swapped out in a minute or two. An optional heavier counterweight is available for use with the Ortofon SPU cartridge / headshell.
- High-rigid 16mm spindle with ball bearing to support stable rotation

## PD-171AL Analog Turntable



The PD-171AL is supplied with the tone arm, with the option of customizing the turntable so you can enjoy the playback of vinyl to your exact tastes. PD-171AL is an analog player, and an audio component that the user can customize to allow for enjoying sound change. Setting PD-171AL to an armless type allows the user to appreciate analog reproduction more deeply.

PD-171AL-Specific arm base  
20mm thick brazen chrome plated spin finish

- OPPD-AB1 For SME3009R/3010R and other ginch,10inchtonearms
- OPPD-AB2 For FR64/64S/64FX IKEDA IT-345
- OPPD-AB3 For SAEC WE-30B
- OPPD-AB4 For SAEC WE-407/23
- OPPD-AB5 For ORTOFON AS-212S/RS212D
- OPPD-AB6 DIY universal tonearm board

### SPECIFICATIONS:

- **Drive system:** Belt drive system
- **Motor:** Reaction and AC synchronous motor
- **Platter:** 30cm machined aluminum plate (weight 5.0 kg)
- **Revolutions:** 33 1/3 rpm, 45 rpm (2 speeds, selectable)
- **Revolution adjustment range:** ±5% (each rotation speed adjustable independently)
- **Wow and flutter:** 0.04% or less (W.R.M.S)
- **Power source:** 230 V (50 Hz)
- **Power consumption:** 38 W
- **Dimensions (W x H x D):** 492 x 140 (up to top face of platter), 195 (with dust cover mounted) x 407 (10 mm of fittings on rear face included)mm
- **Weight:** PD-171AL: 23.8kg PD-171A-25-4kg

## PD-171AL Specific Arm Base



OPPD-AB1

OPPD-AB2

OPPD-AB3

OPPD-AB4

OPPD-AB5

OPPD-AB6

# SUPER AUDIO CD PLAYER

## D-05u CD Player

NEW



The D-05u is the third model with the built-in USB-DAC which uses trickle-down technology from the flagship model D-08u and the mid-range model D-06u released last year. LUXMAN's proprietary drive mechanism LxDTM with high rigidity is employed. Two of the Texas Instruments 32 bit DAC PCM1795 were adopted by LUXMAN to allow fully balanced configuration for the output amplifier circuit. USB input accepts up to 192 kHz/32bit PCM, and DSD 5.6 MHz. The SACD drive (LxDTM) in the D-05u was developed in-house by LUXMAN to assure the best possible performance. Its a derivative design from ultra-massive design first used in the D-08 which combines superior rigidity with outstanding accuracy. Compared to a CD drive, an SACD drive has a higher RPM, and pickup positioning accuracy as well as the suppression of vibrations must be of a higher order, to allow full access to the enormous amount of information stored on the disc.

### SPECIFICATIONS:

- **Applicable disc:** 2-channel SACD, CD Supported sampling frequencies
- **USB input (PCM):** 32k, 44.1k, 48k, 88.2k 96k, 176.4k, 192k(16, 24, 32bits)
- **USB input (DSD):** 2.82M, 5.64MHz (1bit) COAX/OPT input: 32k, 44.1k, 48k, 88.2k 96k, 176.4k, 192kHz (16, 20, 24bits) Analog output voltage/impedance: 2.4V/300Ω (unbalanced), 600Ω (balanced)
- **Frequency response:** CD 5Hz to 20kHz (+0, -0.5dB) SACD 5Hz to 50kHz (+0, -3.0dB) USB 5Hz to 50kHz (+0, -3.0dB)
- **Total harmonic distortion:** CD 0.0015%, SACD 0.0015%, USB 0.0009%
- **S/N ratio (IHF-A):** CD 122dB, SACD 102dB, USB 123dB
- **Disc drive mechanism:** LxDTM
- **D/A converter:** Burr-Brown-made PCM1795 (monaural mode) x 2
- **Output amplifier circuit:** Fully balanced/high sound quality IC buffer
- **Power supply:** 230V-(50Hz) / 115V-(60Hz) Power consumption 26W, 1W (at standby)
- **Dimensions:** 440(W) x 133(H) x 410(D) mm front side knob of 2mm and rear side terminal of 8mm included in depth
- **Net Weight:** 14.8kg (main unit)

## D-06u CD Player



Incorporating the same high quality construction and aesthetics as the D-06, the D-06u is a luxury super audio CD player now equipped with a USB audio connection, compatible with both PC and MAC. The super audio cd player features the LxDTM, or Luxman Original Disc Transport Mechanism - our ultra-stable hardware for the most efficient of CD playback enabling you to enjoy your music at the highest quality. As the successor model to the D-06 that enabled a new-found sound for appreciators of high quality audio via CD, the updated version is set to change the game for the level of quality via USB, on your PC or Mac.

The new Luxman D-06u SACD player use PCM1792A chips working in the dual-mono configuration. It supports both the PCM and DSD files reproduction. Through the USB input a maximum signal quality is with PCM 32/384 and DSD 5.6 MHz. When signal is sent via optical and coaxial inputs it can handle 24/192. If the local computer digital musical archive is used, Luxman developed a special player, that works both with PCs and Macs, that also supports AIFF and Apple Lossless format.

### SPECIFICATIONS:

- **Applicable disc:** 2-channel SACD, CD
- **Supported sampling frequencies:** USB input (PCM) : 32k, 44.1k, 48k, 88.2k 96k, 176.4k, 192k(16, 24, 32bits) USB input (DSD) : 2.82M, 5.64MHz (1bit) COAX/OPT input: 32k, 44.1k, 48k, 88.2k 96k, 176.4k, 192kHz (16, 20, 24bits)
- **Analog output voltage/impedance:** 2.5V/300Ω (unbalanced), 600Ω (balanced)
- **Frequency response:** CD 5Hz to 20kHz (+0, -0.5dB) SACD 5Hz to 50kHz (+0, -3.0dB) USB 5Hz to 50kHz (+0, -3.0dB)
- **Total harmonic distortion:** CD 0.0015%, SACD 0.0011%, USB 0.0009%
- **S/N ratio (IHF-A):** CD 122dB, SACD 104dB, USB 123dB
- **Disc drive mechanism:** LxDTM
- **D/A converter:** Burr-Brown-made PCM1792A (monaural mode) x 2
- **Output amplifier circuit:** Fully balanced/high sound quality IC buffer
- **Power supply:** 230V-(50Hz) / 115V-(60Hz)
- **Power consumption:** 26W, 1W (at standby)
- **Dimensions:** 440(W) x 133(H) x 410(D) mm front side knob of 2mm and rear side terminal of 8mm included in depth
- **Net Weight:** 15.7kg (main unit)

## D-08u CD Player



The Luxman D-08u is the newly remodeled version of the D-08, which was released in 2008. The flagship CD/SACD player has had both of its digital and analog circuits renewed for even higher performance. The new version also features a USB connection, ready for Mac and PC streaming at high quality.

The D-08u is equipped with the LxDTM our original and overwhelmingly sturdy disk drive mechanism, with a supportive, stable rotation. This is combined with the highest quality digital configuration and 32-bit signal processing makes a CD player perfect for the digital era.

This high-quality digital aspect is coupled with version 4.0 ODNF, which is the core of Luxman's amplifier circuit technology ensuring a final high-quality analog output. With attention to mechanism, digital circuit and analog circuit, all bases have been covered to ensure a flagship CD player we're truly proud of.

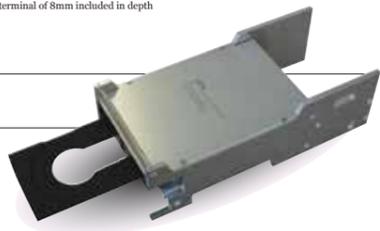
The D-08u produces an expression and detail unimaginable for CD players using any less than our high quality components, attention to detail and of course passion for high-fidelity audio. Equipped with both USB and CD and ready for multiple file formats and platforms the D-08u is a CD player in a league of its own.

### SPECIFICATIONS:

- **Applicable disc:** 2-channel SACD, CD
- **Supported sampling frequencies:** USB input (PCM): 32k, 44.1k, 48k, 88.2k 96k, 176.4k, 192k(16, 24, 32bits) USB input (DSD): 2.82M, 5.64MHz (1bit) COAX/OPT input: 32k, 44.1k, 48k, 88.2k 96k, 176.4k, 192kHz (16, 20, 24bits)
- **Analog output voltage/impedance:** 2.5V/300Ω (unbalanced), 600Ω (balanced)
- **Frequency response:** CD 5Hz to 20kHz (+0, -0.5dB) SACD 5Hz to 50kHz (+0, -3.0dB) USB 5Hz to 50kHz (+0, -3.0dB)
- **Total harmonic distortion:** CD 0.0015%, SACD 0.0011%, USB 0.0009%
- **S/N ratio (IHF-A):** CD 123dB, SACD 106dB, USB 123dB
- **Disc drive mechanism:** LxDTM (with dust-proof shutter)
- **D/A converter:** Burr-Brown-made PCM1792A (monaural mode) x 2
- **Output amplifier circuit:** Fully balanced/high sound quality IC buffer
- **Power supply:** 230V-(50Hz) / 115V-(60Hz)
- **Power consumption:** 28W, 1W (at standby)
- **Dimensions:** 440(W) x 133(H) x 410(D) mm front side knob of 2mm and rear side terminal of 8mm included in depth
- **Net Weight:** 22.5kg (main unit)

### CD transport

The LUXMAN CD players are equipped with the LUXMAN original disc drive mechanism, the LxDTM, allowing digital data to be read at high level of precision. As asymmetrical, left-sided mechanism layout as opposed to the usual centered mechanism structure is adopted after careful consideration of sufficient space for voluminous analog circuit, ideal flow for all kind of signals, oscillatory path, and weight balance. What is more, the box structure uses a strong chassis to solidly enclose the whole mechanism and effectively cut out external vibration.



# USB D/A CONVERTER

## DA-250 USB/DA Converter

NEW



The DA-250 is a USB capable Digital Audio Converter that is based upon the successful design of the popular DA-200 (released 2010) with the addition of up to date functions and technical trends integrated into the compact B4 sized body.

The intuitive functions of this impressive converter achieve the specifications necessary to build a high grade audio environment. For example, the DA-250 is compatible up to 192 kHz/32-bit PCM and 5.64 MHz DSD, features a Class A headphone amplifier section with significantly improved drive force, includes the LUXMAN computerized attenuator 'LECUA' and has the addition of a stylish remote control unit.

For the DAC chip, a 32-bit compatible PCM1795 (manufactured by Texas Instruments Incorporated) is specified that is internally up-convertible to 352.8 k/384 Khz/32-bit. The USB input is compatible up to 192 kHz/32-bit PCM data and DSD data (2.82 M, 5.64 MHz) whilst the S/PDIF input supports up to 192 kHz/24-bit PCM signals.

A variety of digital inputs (a coaxial input and 2 optical inputs) are provided as well as the USB inputs to connect to the digital outputs of a CD player and other peripheral AV devices.

A selectable 32-bit digital filter for PCM and a selectable analog FIR filter for DSD allow the tone to be adjusted to taste.

Low phase noise clock modules with high precision and low jitter are fitted independently on both the 44.1 k and 48Khz channels to reduce noise. A remarkably reduced jitter for the USB input is achieved by asynchronous communication for the S/PDIF using an embedded DAIR high precision clock.

A compact, card style remote control is provided enabling full control from the listening position.

### SPECIFICATIONS:

- **Sampling Frequency:** USB input (PCM) : 32k, 44.1k, 48k, 88.2k 96k, 176.4k, 192k(16, 24, 32bits) USB input (DSD) : 2.82M, 5.64MHz (1bit) COAX/OPT input: 32k, 44.1k, 48k, 88.2k 96k, 176.4k, 192kHz (16, 20, 24bits)
- **Digital Input/Output input:** USB iCH, COAX iCH, OPT 2CH / Output: COAX iCH, OPT iCH
- **Analog Input/Output:** Input: Unbalance iCH / Output: Unbalance iCH, Balance iCH, Headphone iCH (Φ6.3 standard)
- **Headphone Output:** 200mW+200mW / 16Ω, 400mW+400mW / 32Ω, 130mW+130mW / 600Ω
- **Line output power:** 2.5 V / 300Ω (Unbalance), 600Ω (Balance) ● FIX/VARIABLE switchable
- **Frequency response:** 5Hz~50kHz (+0, -3.0dB) ● FIX/VARIABLE switchable
- **T.H.D. / S/N (IHF-A):** 0.001% / 118dB
- **Function:** Front panel Power switch, Power Indicator, Input selector, audio volume, 7 segment LED display, Headphone out, Phase invert indicator, Fix output Indicator, headphone sensitivity indicator, Digital Input unlock indicator
- **Rear Panel:** AC Inlet, Input Output connectors, FIX/VARIABLE switch
- **Remote control function:** Volume, Input selector, display dimmer, digital filter (PCM / DSD), Phase invert, Headphone sensitivity
- **Size / Weight:** 364 (W) x 81 (H) x 279 (D) mm (include knob 14mm, rear terminal 8mm) / 5.4kg (body)
- **Power Consumption:** 19W (PSE)

## DA-06 USB/DA Converter



Advancing the state of the art, the Luxman DA-06 can handle up to 24/192 though its AES and S/PDIF inputs, and up to 2x DSD via USB and there are user-selectable filters for both PCM and DSD.

The arch-emery of data playback is jitter (noise generated by timing errors) the fluctuation of the signal. By use of a dedicated transformer to cancel the common mode noise from the USB terminal, the Luxman DA-06 utilizes asynchronous transmission by DSP (Digital Signal Processing). In addition an internal DAIR (Digital Audio Interface Receiver) helps reduce the jitter by asynchronous processing of the S/PDIF input. Finally, it is equipped with low phase noise clock modules.

Digital inputs are upsampled and processed at 32/384 and there are USB, SPDIF, AES/EBU and Toslink inputs on the back. DSD files played back on the Luxman DA-06 have a musicality and fluidity that I have not heard from digital playback ever before.

Both PCM upsampled up to 32/384 and native DSD 2.82/5.64 MHz are handled by the Texas Instruments TAS3152 chipset.

In the digital section with as much as 132 dB (theoretical value) of tremendous dynamic range, Burr-Brown's PCM1792A is a monolithic CMOS integrated circuit that includes stereo digital-to-analog converters and support circuitry that uses TTLs advanced segmented DAC architecture to achieve excellent dynamic performance and improved tolerance to clock jitter. It also supports both multi-bit and single-bit processing.

DSD files are currently transferred using the DSD Over PCM (DoP) Spec, with USB.

The key of the sound quality for audio products is the power. Luxman designed a full-scale power supply ignoring cost. Uses power circuits with large leeway by using a high-capacity power transformer and two x 10,000 uF main filter capacitors. Provides realistic music reproduction by solid sound structure with energy on each particles of the sound.

The differential output of the DA converter at the monaural mode is provided into the high sound quality buffer circuit that has thoroughly balance configuration (identically configured amplifier x 4 units), and drives the amplifier on the next stage vigorously with low impedance.

This system has a complex structure consisting of a loopless chassis to eliminate increased ground impedance and the effect of electromagnetic fields caused by chassis current and a shielded chassis to block digital noise.

### SPECIFICATIONS:

- **Format:** 2 channel D/A converters
- **Appropriate sampling frequency:** USB input(PCM): 32k, 44.1k, 48k, 88.2k, 96k, 176.4k, 192k, 352.8k, 384kHz (16, 24, 32bits) USB input(DSD): 2.82M, 5.64MHz COAX/OPT/AES/EBU input: 32k, 44.1k, 48k, 88.2k, 96k, 176.4k, 192kHz(16,20,24bit)
- **Digital input:** USB(Type B)system, COAX 2 system, OPT 2 system, AES/EBU(XLR)system
- **Digital output:** COAX system, OPT 1 system
- **Analog output:** RCA unbalanced system, XLR balanced 1 system
- **Output voltage /impedance:** 2.5 V / 300 Ω (Unbalanced) and 600 Ω (Balanced)
- **Overall dimensions, weight:** 440 (W) x 92 (H) x 400 mm (D) 11.0 kg

# COMPACT STEREO POWER AMPLIFIER

## M-200 Power Amplifier



The M-200 is designed to be portable and completely compatible with fresh new audio source components and high performance audio applications coming to market, such as computer music sources. What's more, its rated output is 25W+25W (8Ω), concentrating on the ultimate sound quality rather than quantity.

As a high quality stereo amplifier, M-200 can be used with various audio components, such as the USB D/A converter DA-250 with high-grade built-in potentiometers and the E-250 phono stage. The M-200 has both fixed and variable inputs, so you can be used with an external preamplifier if you wish.

Furthermore, in BTL mode M-200 can work as a mono amplifier with 70W (8Ω) output to achieve greater driving forces for large-caliber speakers. You can also activate/deactivate its built-in pre-amplifier and add discrete pre-amplification if you prefer to do so, making the M-200 highly versatile in a variety of applications.

The front panel display is able to process and track reproduced signals in real-time. It is also equipped with a digital power meter (backlighting can be switched off), which can be switched between power Output, Speaker Impedance, Hold Time and other digital settings. All the above provide you a visual and informative feast while enjoying the music.

Fixed or Variable Input

Can be used as a single source integrated amplifier or as stereo or mono amplifier. There is a volume control on the front panel which can be bypassed, such as when you chose to drive it from an external preamplifier, like the DA-250.

### SPECIFICATIONS:

- **Succession effective output:** (Normal) - 25W + 25W (8Ω) (BTL) - 70W (8Ω)
- **Total harmonic distortion:** 0.005% (8Ω, 1kHz, Both CH, simultaneous drive) 0.06% (8Ω, 20-20kHz, Both CH simultaneous drive (-3dB))
- **Amplification:** Stereo - 25dB, BTL - 25dB
- **S/N Ratio Line - 107dB or over, Balance Line - 102dB or over**
- **Frequency characteristics:** 20Hz - 20,000Hz (-0.2dB)
- **Damping factor:** 100
- **Power Consumption:** 85W, 30W (No input)
- **Dimension (W x H x D):** 364 x 81 x 297(mm)
- **Weight:** 7.0kg

### Software

LUXMAN original high sound quality playback software  
LUXMAN Audio Player is the proprietary high sound quality play back software from LUXMAN and is supplied for audio reproduction with use of Windows PC or Mac PC via a USB cable. The following file formats are used by major music distribution sites : FLAC/ALAC/WAV/AIFF/MP3 and DSD/DSDFL.



LUXMAN Audio Player

## HEADPHONE AMPLIFIER

### P-1u Headphone Amplifier



Luxman's remarkable second generation P-1u Class A Headphone Amplifier, with ODNF 3.0 delivers state of the art musical performance for the discerning headphone based music lover. Luxman's emphasis is on reproducing natural music, with lots of warmth and detail; not frightening it into scaring up non-existent detail, which is sometimes described as etched. Luxman's engineers are fanatical in their attention to detail; while they spend a lot of time analyzing how components perform on their test equipment, the final arbiter is the listening evaluations. Is the product able to play music, convey the emotion, reproduce the ambience of the venue as well as the timbre of each instrument, distinctly.

#### SPECIFICATIONS:

- **Continuous power output:** 2W+2W (8Ω)/1W+1W (16Ω) / 500mW+500mW (32Ω) / 27mW+27mW (600Ω)
- **Input sensitivity/input impedance:** Unbalanced 1.0 V/26 kΩ, balanced 1.0 V/67 kΩ
- **Total harmonic distortion rate:** 0.0025% (1kHz), 0.02% (20Hz-20kHz)
- **Digital output:** 1 coaxial line, 1 optical line (TOS-LINK)
- **S/N ratio:** 115dB
- **Power consumption:** 19W (Electrical Appliance and Material Safety Law), 9W (under no signal)
- **Outside dimensions:** 400 (W) x 82 (H) x 408 (D) mm (terminals and knobs included)
- **Weight:** 8.3kg

### P-700u Headphone Amplifier



Luxman went back to the drawing board to develop a true reference headphone amplifier. Using the best materials on hand as well as implementing their best technology, the P-700u is the finest headphone amplifier that Luxman have ever made by a wide margin.

The P-700u is a fully balanced design that incorporates four channels of the LECUA 1000-WM high precision electronically controlled attenuator and incorporates the latest revision of ODNF 3.0A audio circuit. This compact version of the LECUA 1000-WM volume control (Luxman Electric Controlled Ultimate Attenuator with Weight Matrix Technology) is configured to electrically block electromagnetic (EMI) and radio frequency (RFI) interferences. The output signal is attenuated without introducing artifacts inherent in conventional volume controls, thereby resulting in constant output impedance, high signal-to-noise ratio, a uniform frequency response and lower distortion.

#### SPECIFICATIONS:

- **Continuous power output:** Unbalanced 4W + 4W(8Ω), 2W + 2W(16Ω), 1W + 1W(32Ω) / 53mW + 53mW(600Ω)
- **Balanced 8W + 8W(16Ω), 4W + 4W(32Ω) / 213mW + 213mW(600Ω)**
- **Input sensitivity/input impedance:** Unbalanced 1.0 V/15 kΩ, Balanced: 2.0 V/40 kΩ
- **Total harmonic distortion:** 0.0035% (1 kHz), 0.002% (1 kHz)
- **Frequency response:** 20 Hz-20 kHz (+0, -0.1 dB), 5 Hz-170 kHz (+0, -3.0 dB)
- **Signal-to-Noise Ratio:** Unbalanced 110dB, Balanced 115dB
- **Inputs:** 1 x RCA unbalanced & 2 x XLR balanced
- **Output:** 2 x 6.35mm standard phone jack & 2 x XLR balanced output
- **Control Functions:** Front: power switch, +/-volume, input & sensitivity selection, output mode and through output ON/OFF
- **Power Consumption:** 40W
- **Dimensions (WxHxD):** 440 x 92 x 400 mm
- **Weight:** 12.7kg

## PHONE AMPLIFIER

### E-250 Phone Amplifier

NEW



The E-250 is the latest generation of phono equalizer amplifier from LUXMAN, inheriting the best in design from its predecessor the E-200 that has been the reference model for compact phono equalizer amplifiers since it was released in 2008.

The outstanding functionality of the E-250 is such that load impedance and load capacity can be selected according to the cartridge characteristics for the ultimate enjoyment of the original detail of analog reproduction. The E-250 allows the listener to adjust the fine settings for every performance, releasing the expression engraved in the grooves and creating a hitherto unknown musical impression.

The rear panel is equipped with a load impedance selector (34/47/56/100 kΩ) and a load capacity selector (0/100/220/320 pF) to match the characteristics of the cartridge and exploiting it to its full potential.

The E-250 features a step up transformer with a 2 stage gain selection function in which a L/R independent super permalloy core is used, thereby supporting even low impedance MC cartridges. This creates a rich and expressive musicality that is a unique characteristic of the transformer.

#### SPECIFICATIONS:

- **Input Sensitivity:** MM: 3.2mV, MC High: 0.37mV, MC Low: 0.12mV
- **Inputs Impedance:** MM: 34kΩ, 47kΩ, 56kΩ, 100kΩ (switchable) MC High: 40Ω, MC Low: 2.5Ω
- **Gain (1kHz):** MM: 38dB, MC High: 57dB, MC Low: 66dB
- **Output Voltage:** 250mV (1kHz)
- **Output Impedance:** 300Ω
- **Power Consumption:** 4W
- **Dimensions (W x H x D):** 364 x 81 x 274(mm)
- **Weight:** 4.3 kg

### EQ-500 Phone Amplifier

NEW



The joy of analog reproduction is the indulgence of the harmonic density and tonal character of vinyl playback, faithfully reproducing sound vibration and resonance inscribed on analog records without interruption.

The EQ-500 phono equalizer amplifier is a vacuum tube design for all stages to provide the ultimate experience in the expressive and colourful reproduction of music.

Fine adjustment and switching functions that are easily accessible on the elegant front panel allow you to enjoy the real pleasure of analog reproduction.

The debut of LUXMAN's masterpiece phono equalizer amplifier, the EQ-500, brings a new dimension that offers an extensive menu of the finest details of analog reproduction allowing you to recreate that ideal sound from your memory.

The phono equalizer amplifier plays a unique role as part of an amplification system with respect to the characteristics and delicacy of signals. Because of this uniqueness, phono equalizers have been designed using various kinds of circuit methods and elements and have captivated the interest of enthusiasts for whom the detail of the sound is paramount. The EQ-500 is equipped with the circuit technology and musical essence inherent to its predecessor, the E-06 from LUXMAN. First launched in the 1980's, the E-06 is still a highly respected masterpiece of the CR type. This renowned circuit technology has been newly improved in the EQ-500 and uses vacuum tubes for all of the amplifier elements to bring the spirit of analog sound inscribed on the vinyl discs into life.

#### SPECIFICATIONS:

- **Circuiting system:** SRPP, final stage cathode follower Non-feedback CR type equalizer
- **Vacuum tube used:** ECC83 x 4 pieces, ECC82 x 2 pieces, and E281 x 1 piece
- **Input sensitivity:** MM: 4mV(1kHz, When the gain is set to 36dB)
- **MC:** high 0.44mV, MC: low 0.18mV
- **Input impedance:** MM: 30k to 100k (variable)
- **MC:** high 400, MC: low 2.50
- **Rated output/output impedance:** 250mV/ 850Ω
- **Gain (1kHz, When the gain is set to 36dB):**
- **MM:** 36dB
- **MC:** high 55dB, MC: low 63dB
- **Maximum allowable input (1kHz):**
- **MM:** 300mV, MC: high 34mV,
- **MC:** low 13mV
- **RIAA deviation:** MM/MC high/ MC low: 20Hz to 20kHz (±0.3dB)
- **Channel separation (10kHz):** 65dB
- **Input:** Unbalanced line x 3
- **Output:** Unbalanced line x 2, Balanced line x 1
- **Power supply:** 230V-(50Hz) / 115V-(60Hz)
- **Power consumption:** 47W
- **External dimensions:** 440(W) x 92(H) x 397(D) mm
- **front side knob of 5mm and rear side terminal of 12mm included in depth**
- **Net weight:** 12.5kg (main unit)

## AUDIO CABLE

### Reference Series

The reference Cable JP series is a new genuine set of cables with the conductor into which high-purity oxygen-free copper (OFC) is integrated to strongly support the environment of connecting high-quality audio systems. We have conducted sound quality tuning in a thorough manner with Luxman's know-how and technologies accumulated for many years in development of audio amplifiers.



#### JPR-100

Features High-purity oxygen-free copper (OFC) conductor Length 1.0m, pin cable

#### JPR-150

Features High-purity oxygen-free copper (OFC) conductor Length 1.5m, pin cable



#### JPC-100

Features High-purity oxygen-free copper (OFC) conductor Length 1.0m XLR cable type

#### JPC-150

Features High-purity oxygen-free copper (OFC) conductor Length 1.5m XLR cable type

### Ultimate Series



#### JPU-150

Features High-purity oxygen-free copper (OFC) conductor Length 1.5m USB cable type

## TERMINAL PLUG



#### JPY-10

Plate with 24K gold 4 pcs per set



#### JPB-10

Plate with 24K gold 4 pcs per set

## RAC SHORTING PLUG SET

By mounting an RCA shorting plug on an open RCA input terminal and preventing noise mixture and mechanical vibrations, the audio unit provides stabilized operation and clean smooth signal transmission.



#### JPT-10

Solid brass carved, 24K gold plating Shorting plug: 28.5 x 12mm (length x diameter), 12.5 g/piece, 160 g/set (8 pieces, box included)