

# PRODUCT CATALOG 2019

#### INTEGRATED AMPLIFIER



#### SEPARATE AMPLIFIER



#### **VACUUM TUBE AMPLIFIER**



#### ANALOG PLAYER

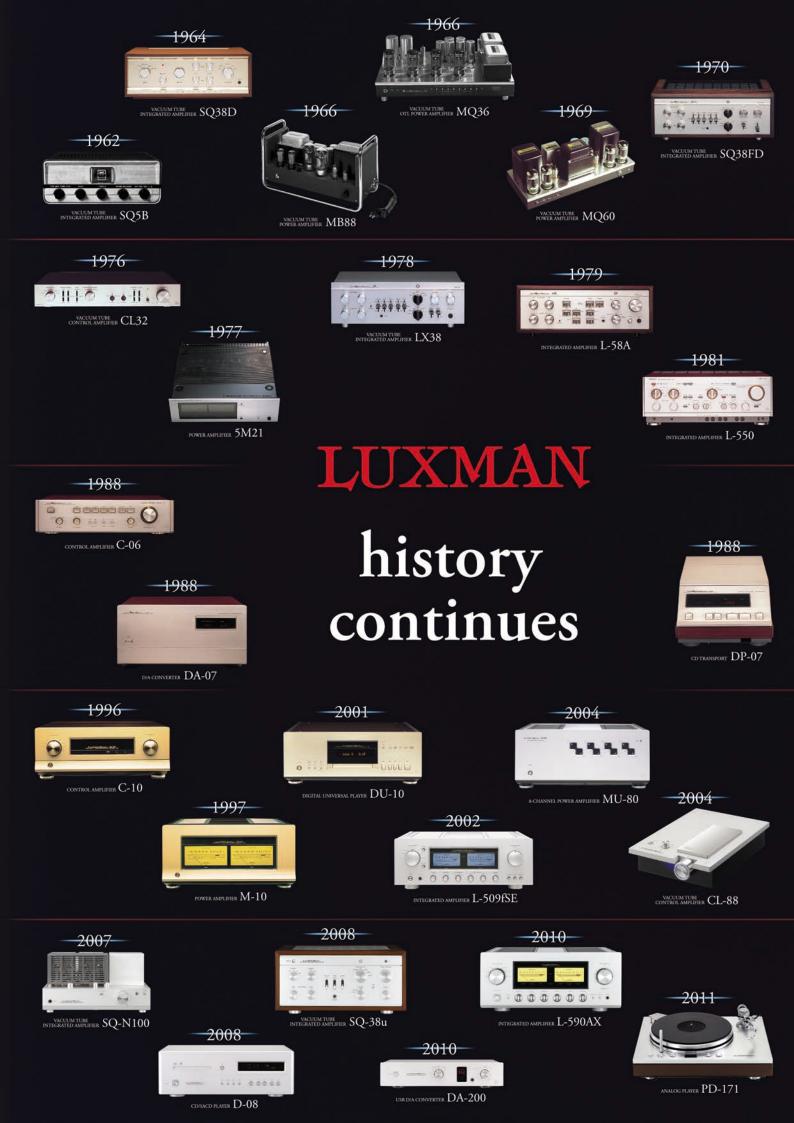


#### DIGITAL PLAYER



#### Neo Classico II













1925 to 1975









# 1976 to 1985





1989

000000









1986 to 1995





DIGITAL UNIVERSAL PLAYER DU-80

2012

HEADPHONE AMPLIFIER P-700u

-........O







1996 to 2005









# LUXMAN's Legacy

The listener deserves heart-felt joy when pursuing natural, uncolored audio reproduction. This has been our philosophy for over 90 years since our company was founded in 1925. Good sound enriches your life.

Enjoy a comforting environment as you become one with the music.



Integrated Amplifier	— р4-р
Control Amplifier —————	— р6
Stereo Power Amplifier	— p7
Vacuum Tube Control Amplifier ———— Vacuum Tube Stereo Power Amplifier	— p8
Vacuum Tube Integrated Amplifier ———— Compact Disc Player	— р9

Super Audio CD Player -	
USB D/A Converter —	
Headphone Amplifier ————— Phono Amplifier	
NeoClassicoII————	
Accessories ————————————————————————————————————	
Cable —	

### INTEGRATED AMPLIFIER

 $L\text{-}509X \hspace{0.1cm} \scriptstyle{\frac{}{\text{INTEGRATED AMPLIFIERS}}}$ 





The L-509X incorporates the features of both a high quality separate amplifier and a high performance integrated amplifier into one product. It is equipped with many desirable features such as the New LECUA 1000, a discretely configured buffer circuit in the output stage of the pre-amplifier circuit, ODNF (Only Distortion Negative Feedback), our original amplifier feedback circuit, and a power supply with independent left and right channel blocking capacitors. The top panel has a beautiful hair-line finish and the LED-lit analogue level meters add to the elegant and stylish appearance.

#### SPECIFICATIONS

- Rated output: 120W+120W (8Ω) / 220W+220W (4Ω)
- Input sensitivity / impedance : PHONO (MM) 2.5mV / 47kΩ, PHONO (MC) 0.3mV / 100Ω, LINE 180mV / 47kΩ
- Total harmonic distortion: 0.007% (1kHz / 8Ω), 0.06% (20Hz to 20kHz / 8Ω)

- S/N ratio: LINE 105dB or more
  Frequency response: LINE 20Hz to 100kHz (within -3dB)
  Power consumption: 380W, 150W (no signal), 0.5W (at standby)
  Dimensions: 440 (W) x 193 (H) x 463 (D) mm 
  Weight: 29.3kg

## $L\text{-}505uX\, \textit{mark II}\, \text{integrated amplifiers}$



The L-505uX Mark II is the eagerly awaited Mark II version of the popular L-505uX, a market leading integrated amplifier design since its launch in 2011. We have loaded it with proprietary technologies, such as Version 4.0 of LUXMAN's ODNF (Only Distortion Negative Feedback), as well as LECUA (LUXMAN Electronically Controlled Ultimate Attenuator) and a discretely configured buffer circuit for the pre-amp output, just like our flagship control amplifier, the C-900u. Polished with all our knowhow as a standard model beyond its class, the history of a long product run has just begun.

#### SPECIFICATIONS

- Rated output: 100W+100W (8Ω) / 150W+150W (4Ω)

- Frequency response: LINE 20Hz to100kHz (within -3dB)
   Power consumption: 300W, 85W (no signal), 0.4W (at standby)
- Dimensions: 440 (W) x 178 (H) x 454 (D) mm
   Weight: 22.5kg

# L-550AX MARK II INTEGRATED AMPLIFIERS





The L-550AX Mark II is the successor to the L-550AX, which launched in 2011. The L-550AX Mark II makes its debut featuring a high-precision, electronically controlled attenuator LECUA and the latest version of our proprietary high quality feedback circuit, ODNF 4.0, both are used in LUXMAN's top-of-the-range amplifiers. We made huge steps forward whilst developing our flagship integrated amplifier, the L-590AX, and the essence of it's expressive power was distilled and poured into this model to provide the dense expression characteristics particular to pure class A amplifiers and more detailed reproduction of the low range.

#### SPECIFICATIONS

- Rated output: 20W+20W (8Ω) / 40W+40W (4Ω)
- Input sensitivity / impedance : PHONO (MM) 2.5mV / 47kΩ, PHONO (MC) 0.3mV / 100Ω, LINE 180mV / 47kΩ
- Harmonic distortion: 0.007% (1kHz / 8Ω), 0.02% (20Hz to 20kHz / 8Ω)

- Harmonic distortion: 0.007% (1kHz / 8Ω), 0.02% (20Hz to 20kHz 
   S/N ratio: LINE 105dB or more
   Frequency response: LINE 20Hz to 100kHz (within -3dB)
   Power consumption: 230W, 170W (no signal), 0.5W (at standby)
   Dimensions: 440 (W) x 178 (H) x 454 (D) mm
- Weight: 24.3kg

## L-507uX MARK II INTEGRATED AMPLIFIERS





The L-507uX Mark II integrated amplifier earns its Mark II status by having an improved S/N ratio, achieving great spatial expression and overwhelming power. Our New LECUA 1000 enables the volume to be adjusted smoothly and finely over 88 steps thereby minimizing the deterioration of sound quality.Our ODNF circuit, upgraded to Version 4.0, provides a dramatic enhancement of accuracy in distortion detection and elimination. A triple-parallel push-pull output stage achieves complete output linearity with 110 Watts per channel at  $8\Omega$  and 210 Watts per channel at  $4\Omega$ .

#### **SPECIFICATIONS**

- SPECIFICATIONS

  Rated output: 110W+110W (8Ω) / 210W+210W (4Ω)

  Input sensitivity / impedance: PHONO (MM) 2.5mV / 47kΩ,
  PHONO (MC) 0.3mV / 100Ω, LINE 180mV / 47kΩ

  Harmonic distortion: 0.007% (1kHz / 8Ω), 0.08% (20Hz to 20kHz / 8Ω)

  S/N ratio: LINE 105dB or more

- Frequency response: LINE 20Hz to 100kHz (within -3dB)
  Power consumption: 350W, 86W (no signal), 0.4W (at standby)
  Dimensions: 440 (W) x 178 (H) x 454 (D) mm
- Weight: 25.0kg

### L-590AX MARK II INTEGRATED AMPLIFIERS Pure A





The L-590AX Mark 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. In addition to adopting the latest version 4.0 of our original, high quality ODNF feedback circuit, it features independent left and right channel blocking capacitors in the power section, a preamp section containing our latest LECUA 1000 and discrete buffer circuits. As our latest flagship integrated amplifier, this model provides supreme audio playback satisfaction, completing a component system by combining convenience and quality at a high level.

#### SPECIFICATIONS

- Rated output: 30W+30W (8Ω) / 60W+60W (4Ω)
   Input sensitivity / impedance: PHONO (MM) 2.5mV / 47kΩ, PHONO (MC) 0.3mV / 100Ω, LINE 180mV / 47kΩ
   Harmonic distortion: 0.005% (1kHz / 8Ω), 0.02% (20Hz to 20kHz / 8Ω)
- S/N ratio : LINE 105dB or more

- Frequency response: LINE 20Hz to 100kHz (within -3dB)
  Power consumption: 330W, 260W (no signal), 0.5W (at standby)
  Dimensions: 440 (W) x 193 (H) x 463 (D) mm
  Weight: 28.4kg

ODNF: Only Distortion Negative Feedback

LECUA: Luxman Electronically Controlled Attenuator

## C-700u CONTROL AMPLIFIERS



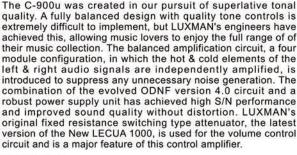
LUXMAN's C-700u control amplifier benefits from the same uncompromising construction and attention to detail as the C-900u. At its heart lies LUXMAN's ODNF 4.0 circuit (Only Distortion Negative Feedback), which restricts feedback to distortion components only, thus greatly enhancing S/N performance. This is directly coupled to our New LECUA1000 attenuator circuit, inherited from the flagship C-900u control amplifier, allowing an extremely fine degree of volume control and left/right balance adjustments whilst maintaining sound quality at the highest level.

#### **SPECIFICATIONS**

- Input sensitivity / impedance : LINE 250mV / 46kΩ, BAL LINE 250mV / 67kΩ
- Output voltage / impedance : LINE 1V / 90Ω, Maximum 11V, BAL LINE 1V / 600Ω, Maximum 11.5V
- Total harmonic distortion: LINE 0.007% (20Hz to 20kHz), BAL LINE 0.010% (20Hz to 20kHz)
- Frequency response: 20Hz to 20kHz (+0, -0.1dB), 5Hz to120kHz (+0, -3dB)
   S/N ratio: LINE 125dB, BAL LINE 122dB (maximum output)
- Power consumption : 28W, 2W (at standby)
   Dimensions : 440 (W) x 130 (H) x 430 (D) mm
- Weight: 14.6kg

## C-900u CONTROL AMPLIFIERS



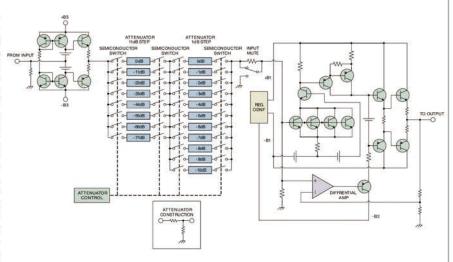


- □ Input sensitivity / impedance : LINE 255mV / 43kΩ, BAL LINE 255mV / 86kΩ
   □ Output voltage / impedance : LINE 1V / 90Ω, Maximum 11V, BAL LINE 1V / 180Ω, Maximum 22.5V
   □ Total harmonic Distortion : LINE 0.009% (20Hz to 20kHz),
- BAL LINE 0.005% (20Hz to 20kHz)

   Frequency response : 20Hz to 20kHz (+0, -0.1dB), 5Hz to 120kHz (+0, -3dB)
- S/N ratio: LINE 123dB, BAL LINE 126dB (Maximum output)
   Power consumption: 42W, 2.2W (at standby)
- Dimensions: 440 (W) x 130 (H) x 430 (D) mm

### The New LECUA1000 computerized attenuator

LUXMAN's latest LECUA1000 computerized attenuator, with an 88 step attenuation circuit developed for the C-900u, is mounted in the volume control system for the first time in our current integrated amplifiers and is an essential part of our latest pre-amplifier circuitry. This system also uses the same design as is featured in our top-of-the-range control amplifier, the C-900u. The New LECUA1000 enables smooth adjustment of the volume control with minimal deterioration of sound quality.A new 3D topography has been introduced for the New LECUA1000, allowing components to be mounted three dimensionally with the attenuator circuit directly connected to the amplification circuitry, thereby minimizing cable routing and improving efficiency. Furthermore, this type of layout is highly durable, resistant to external vibration and electronically resistant to changes in sound quality caused by volume level adjustment.



LECUA stands for LUXMAN Electronically Controlled Ultimate Attenuator.

### STEREO POWER AMPLIFIER

## $M\text{-}700u \; \text{stereo power amplifiers}$



The M-700u significantly improves the distortion characteristics and S/N performance of our the flagship model, the M-900u, while pursuing LUXMAN's power amplifier development philosophy, realizing high drivability and dense sound quality. This model inherits a quadruple-parallel push-pull drive section and our latest version 4.0 ODNF system and 3-stage Darlington circuitry. In addition, complete output linearity from 120 W at 8  $\Omega$  to instantaneous maximum of 840 W at 1  $\Omega$  fully brings out the true characteristics of any pair of quality speakers. This new generation of stereo power amplifiers combine rich musical expression and high power without damaging the dynamics

#### SPECIFICATIONS

- Serior North Nor
- 420W (6t2) / Monaural Maximum power output: 840W+840W ( $1\Omega$ ) / Stereo, 1680W ( $2\Omega$ ) / Monaural Input sensitivity: 1.1V / 120W ( $8\Omega$ ) Input impedance: LINE 51k $\Omega$ , BAL LINE 34k $\Omega$ Total harmonic distortion: 0.009% or less (1kHz / 8 $\Omega$ ),

- 0.1% or less (20Hz to 20kHz / 8Ω)

   Frequency response : 20Hz to 20kHz (+0, -0.1dB), 1Hz to 130kHz (+0, -3dB)

   S/N ratio : 115dB
- Power consumption: 370W, 110W (no signal), 0.4W (at standby)
   Dimensions: 440 (W) x 190 (H) x 427 (D) mm

### M-900u STEREO POWER AMPLIFIERS



The M-900u stereo power amplifier has been created to bring out the best sound expression from any speaker system. A rich sonic gradient has been achieved, from deep bass to clear high tones, with sufficient driving power bass to clear high tones, with sufficient driving power acquired by structurally connecting two quadruple-parallel push-pull output units. The updated version 4.0 of LUXMAN's original ODNF circuit provides both a lively feeling and an ultra-low distortion characteristic. The M-900u is a flagship stereo amplifier, with it's pure class A 12 Watts-per-channel (8 $\Omega$ ) and 150Watts-per-channel (8 $\Omega$ ) or x 1 (8Ω) when used as a mono block. As a stereo amplifier, the M-900u is stable into a  $1\Omega$  load, where it delivers 1,200W, peak power.

#### SPECIFICATIONS

- Rated output: 150W+150W (8Ω) / Stereo, 300W+300W (4Ω) / Stereo, 600W (8Ω) / Monaural
- 600W (8Ω) / Monaural

  Maximum power output : 1200W+1200W (1Ω) / Stereo, 2400W (2Ω) / Monaural

  Input sensitivity : 1.24V / 150W (8Ω)

  Input impedance : LINE 51kΩ, BAL LINE 34kΩ

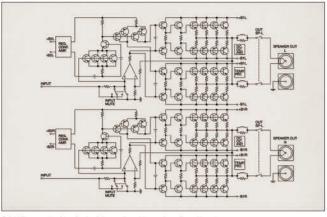
  Total harmonic distortion : 0.008% or less (1kHz / 8Ω),

- 0.1% or less (20Hz to 20kHz / 8Ω)
- Frequency response : 20Hz to 20kHz (+0, -0.1dB), 1Hz to 130kHz (+0, -3dB)

  S/N ratio : 117dB
- Power consumption: 540W, 280W (no signal), 1.0W (at standby)
   Dimensions: 440 (W) x 224 (H) x 485 (D) mm

#### Appealing to one's sensitivity with rich, expressive power - ODNF -

LUXMAN has many original audio engineering technologies, amongst them is the application of Global Negative Feedback (used widely in the audio industry), though we no longer use that system ourselves. We currently use a distortion reduction circuit called "Only Distortion Negative Feedback" or ODNF. This system works by isolating noise and distortion in the audio signal at the output and sparingly applying negative feedback systems to suppress them. Conventional negative feedback systems can have an adverse effect on music, introducing phase distortion. Our ODNF circuit features ultra-high slew rate and ultra low distortion so that it doesn't need to use phase compensation for circuits amplifying the audio signal. This new technology also ensures that the need for a DC servo circuit is alleviated, again improving sound quality. The neat thing is that ODNF is only applied to that portion of the audio signal that is noisy or distorted. If the rest of the audio is clean, then nothing needs to be done.



THE RESERVE AND ADDRESS.

ODNF stands for Only Distortion Negative Feedback

### VACUUM TUBE CONTROL AMPLIFIER

 $CL\text{-}38uC \xrightarrow{\text{Vacuum tube control amplifiers}}$ 





The CL-38uC retains the traditional look with its wooden case but the body width is now expanded to a LUXMAN standard size of 440mm (the CL-38u had a width of 400mm) and balanced inputs have been added, as our customers have requested. All vacuum tubes (ECC83S x 3, ECC82 x 5) are changed to JJ Electronic for the more reliable operation and Nichicon made high voltage metalized polypropylene film coupling capacitors have been introduced for a supple, natural tone.

#### SPECIFICATIONS

- Input sensitivity / impedance : PHONO (MM) 2mV / 47kΩ,
   PHONO (MC high) 0.3mV / 100Ω, PHONO (MC low) 0.08mV / 30Ω, LINE 190mV / 50kΩ
- Total harmonic distortion: 0.006% (1kHz), 0.06% (20Hz to 20kHz)

  S/N ratio: PHONO (MM) 68dB or more, PHONO (MC high) 63dB or more,
- PHONO (MC low) 60dB or more, LINE 100dB or more
   Frequency response: PHONO 20Hz to 20kHz (±0.5dB),
- LINE 10Hz to 70kHz (Within -3dB)
- Power consumption : 35W Dimensions : 440 (W) x 169 (H) x 307 (D) mm
- Weight: 13,3kg

### VACUUM TUBE STEREO POWER AMPI

MQ--88uC vacuum tube power amplifiers



 $MQ ext{-}300$  vacuum tube power amplifiers

Launched as a matching complement to the CL-38uC, both the interior and exterior of the previous MQ-88u model has been upgraded, with many customizations, and reborn as the MQ-88uC. Equipped with KT88 output tubes manufactured by JJ Electronic (Slovakia), known for their powerful and rich tone, running in triode mode. A beautiful dark brown finish has been adopted instead of black, as this new color beautifully matches the wooden cabinet. To enable more powerful reproduction with lower distortion, independent speaker terminals are provided for  $4\Omega$ ,  $8\Omega$  and  $16\Omega$ 

#### SPECIFICATIONS

- Rated output: 25W+25W (4Ω, 8Ω, 16Ω)
   Input sensitivity / impedance: 890mV / 32kΩ
   Total harmonic distortion: 0.1% (1kHz / 1W), 0.5% (20Hz to 20kHz / 1W)
- S/N ratio: 105dB
- Frequency response : 20Hz to 20kHz (+0, -0.2dB), 10Hz to 100kHz (+0, -3dB)
- Power consumption: 170W, 140W(no signal)
   Dimensions: 440 (W) x 184 (H) x 230 (D) mm Weight: 16.1kg

The MQ-300 is a stereo power amplifier with direct heated triode TA-300B single ended vacuum tubes which develop an output power of 8 Watts-per-channel. Following in the design footsteps of our MB-300 masterpiece, it combines traditional design with cutting edge technology. The circuit includes dual-paralleled 6SN7GTB voltage amplification tubes and original oil-based capacitors feeding the single ended power stage in a simplified circuit without feedback to bring out the characteristics of the TA-300B output tubes which sound natural and full of musical tone.

#### SPECIFICATIONS

- Rated output : 8W+8W (4Ω, 8Ω, 16Ω)
  Input sensitivity / impedance : 490mV / 240kΩ
  Total harmonic distortion : 1% (1kHz / 8Ω / 1W)
- S/N ratio : 105dB
- Frequency response : 20Hz to 20kHz (+0.3, -1.5dB), 10Hz to 30kHz (+0.3, -3dB)
   Power consumption : 190W, 190W(no signal)
   Dimensions : 460 (W) x 237 (H) x 340 (D) mm Weight : 29.0kg

### VACUUM TUBE INTEGRATED AMPLIFIER

LX-380 VACUUM TUBE INTEGRATED AMPLIFIER





The LX-380 represents the 12th generation of our long running 38 series, launched with the SQ-38 in 1963.Our original high-clarity, electronically controlled attenuator, LECUA, is now incorporated into a vacuum tube amp for the first time in a traditional design, combining a wooden cabinet with a full size 440mm front panel.In the power section, the Mullard type driver stage and the push-pull configured 6L6GC output tubes demonstrate their reputation for delicate, soft tones in this application. The excellent semiconductor circuitry and control system which comprises the first stage of this great unit ensures high performance and long-term stability. The latest technology exquisitely combines with traditional know-how and a musical, rich tube output brings out the out the enthusiastfocused attraction of this hybrid tube-loaded integrated amplifier.

#### SPECIFICATIONS

- $$\label{eq:specificATIONS} \begin{split} &\text{Pated output: } 20\text{W} + 20\text{W} \left(6\Omega\right) / 18\text{W} + 18\text{W} \left(8\Omega\right) / 14\text{W} + 14\text{W} \left(4\Omega\right) \\ &\text{Input sensitivity / impedance: } \text{PHONO} \left(\text{MM}\right) 3.0\text{mV} / 47\text{k}\Omega, \\ &\text{PHONO} \left(\text{MC}\right) 0.38\text{mV} / 100\Omega, \\ &\text{LINE } 180\text{mV} / 47\text{k}\Omega \\ &\text{Total harmonic distortion: } 1\% \left(1\text{KHz} / 6\Omega\right) &\text{S/N ratio: } \text{LINE } 95\text{dB or more} \\ &\text{Frequency response: } \\ &\text{LINE } 20\text{Hz to } 80\text{KHz} \left(\text{within } -3\text{dB}\right) \\ &\text{Power consumption: } 127\text{W} \\ &\text{Dimensions: } 440 \left(\text{W}\right) \times 197 \left(\text{H}\right) \times 403 \left(\text{D}\right) \text{mm} &\text{Weight: } 17.6\text{kg} \end{split}$$





### COMPACT DISC PLAYER

D-380 compact disc player





As the successor to the D-38u, a long-selling product since it's launch in 2009, the D-380, in it's traditional wooden case, has evolved, featuring a switching function which can select either solid state or vacuum tube output circuitry. The ECC82-loaded vacuum tube output stage is equipped with a large output transformer and dedicated buffer circuitry. For the digital circuitry, newly introduced Texas Instruments jitter reduction ICs have been introduced. The core processors are Texas Instruments 32bit compatible PCM5102A DAC chips. Furthermore, by improving the drive mechanism and the chassis structure, we improved the basic mechanical performance as a dedicated CD player, while acquiring a density of expression unique to a vacuum tube output stage. SPECIFICATIONS

- Supported media : CD Analog output : LINE x 1
- Digital output : Coaxial x 1, Optical x 1
   Output voltage / impedance : Solid state 2.1V / 300Ω, Vacuum tube 2.4V / 300Ω
- Frequency response: Solid state 20Hz to 20kHz (+0, -0.2dB), Vacuum tube 20Hz to 20kHz (+0.1, -0.3dB)
- Total harmonic distortion: Solid state 0.005%, Vacuum tube 0.8%

  S/N ratio: Solid state 115dB, Vacuum tube 105dB

  Power consumption: 16W

  Dimensions: 440 (W) x 167 (H) x 286 (D) mm

  Weight: 10.8kg

### T DRIVE ANALOG PLAYER

PD-151 BELT DRIVE ANALOG PLAYER



LUXMAN's latest turntable, the PD-151, is a belt drive analog player with an advanced fusion of design and functionality. By reproducing the basic design structure of the well-established PD-171A, we have gone forward, while maintaining that model's level of quality. The universal tone arm is the same as the PD-171A, hence it is easy to substitute the listener's favored cartridge, enabling the enjoyment of specific tonal qualities. The newly designed, high precision, highly reliable DC brushless motor took two years to develop and provides true 78rpm playback speed. The three traditional rotation speeds are independently adjustable, delivering accurate rotation with high torque. The PD-151 is a satisfying standard model that makes full range analog playback a close and comforting experience.

Phono motor section

- Drive system: Belt drive system
   Motor: PID controlled DC brushless motor
   Revolution: 33 1/3rpm, 45rpm, 78rpm (3 speeds selectable)
- Revolution adjustment range: ±6% (each rotation speed adjustable independently)
   Wow and flutter: 0.04% (W.R.M.S.) or less
   Weight: 4.0kg (platter)

Tone arm section

Body

- Power consumption : 6W
- Dimensions : 465 (W) x 133 (up to top face of platter) (H) x 393 (D) mm
   Weight : 15.7kg

\*Dust cover is sold separately

PD-171A belt drive analog player



The PD-171A is a belt drive analog player with a universal type tone arm, phono cables, and a head shell attached, following the basic design of the armless PD-171 AL. Also drawing from our PD - 171 model with it's tough

material quality, we improved many components such as the motor, drive circuitry, bearings etc, in order to achieve more stable analog playback. Moreover, with it's new the tone arm, the listener can experience truly satisfying analog reproduction.

SPECIFICATIONS

Phono motor section

- Drive system : Belt drive system Motor : Reaction AC synchronous motor,
- Motor power supply : Quartz oscillation amplifier

   Revolution : 33 1/3rpm, 45rpm (2 speeds selectable)
- Revolution adjustment range : ±5%
   Wow and flutter : 0.04% (W.R.M.S.) or less
   Weight : 5.0kg (platter)

Tone arm section

- Adjustable height range: 38 to 60mm Anti-skating bias: 0 to 3g

Body

● Dimensions : 492 (W) x 140 (up to top face of platter), x 195 (including dust cover) (H) x 407 (D) mm ● Weight : 25.4kg

PD-171AL BELT DRIVE ANALOG PLAYER

(ARMLESS TYPE)



Substituting cartridges and tone arms according to musical genre and artist enables the enjoyment of different sound. The PD-171AL is an armless type analog player that evokes the true pleasure of genuine analog playback. We brushed up the PD-171 design and chose a chrome plated, gloss finished brass arm base plate compatible with separately available SME, SAEC, FR or Ortofon optional tone arms. It adds a brilliance to the tone arms the listener may have been carefully collecting in order to enjoy high-quality analog playback at its best.

SPECIFICATIONS

Phono motor section

- Drive system : Belt drive system Motor : Reaction AC synchronous motor, Motor power supply : Quartz oscillation amplifier

  Revolution : 33 1/3rpm, 45rpm (2 speeds selectable)

- Revolution adjustment range : ±5%
   Wow and flutter : 0.04% (W.R.M.S.) or less
   Weight : 5.0kg (platter)

- Power consumption: 38W
- Dimensions: 492 (W) x 140 (up to top face of platter),

x 195 (including dust cover) (H) x 407 (D) mm • Weight: 23.8kg

### JPER AUDIO CD PLAYER

LINE : Unbalanced BAL LINE : Balanced

## D-05u super audio cd player



The D-05u is the standard 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. LUXMAN's proprietary LxDTM drive mechanism and rigid mechanical construction assures the best possible performance. It is an original design, first used in the D-08, which combines superior stability with outstanding accuracy. It has been configured with two Texas Instruments PCM1795 32 bit DAC chips to ensure a fully balanced output section. The USB input accepts up to 192kHz / 32 bit PCM and 5.64MHz DSD digital signals.

#### SPECIFICATIONS

- Supported media : 2-channel Super audio CD, CD
   Analog output : LINE x 1, BAL LINE x 1
- Supported sampling frequencies: USB input (PCM) 32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz (16, 24, 32 bit), USB input (DSD) 2.82MHz, 5.64MHz (1bit), COAX / OPT input 32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz,176.4kHz, 192kHz (16, 20, 24bit)
- Digital input: USB x 1, Coaxial x 1, Optical x 1 Digital output: Coaxial x 1, Optical x 1
   Output voltage / impedance: LINE 2.4V / 300Ω, BAL LINE 2.4V / 600Ω
- Output Voilage / Impleadince : LINE 2.4V / 30012, SAL LINE 2.4V / 60012
   Frequency response : CD 5Hz to 20kHz (-0.5dB),
   SACD 5Hz to 50kHz (-3dB), USB 5Hz to 50kHz (-3dB)
   Total harmonic distortion : 0.0015% (CD), 0.0015% (SACD), 0.0009% (USB)
   S/N ratio : 122dB (CD), 102dB (SACD), 123dB (USB)

- Power consumption : 26W, 1W (at standby)
  Dimensions : 440 (W) x 133 (H) x 410 (D)mm
  Weight : 14.8kg

D-06u super audio cd player



The LUXMAN D-06u SACD player uses PCM1792A chips working in a dual mono configuration. It supports playback of both PCM and DSD files. Maximum signal quality handling via the USB input is 384kHz/32-bit for PCM files and it is 5.64 MHz for DSD files. The optical and coaxial inputs can accommodate input signals of up to 192kHz / 24 bit. For computer based digital playback, LUXMAN has developed our own software player for PC and Mac which also supports AIFF and Apple Lossless formats.

#### SPECIFICATIONS

- Supported media: 2-channel Super audio CD, CD
- Analog output : LINE x 1, BAL LINE x 1
- Supported sampling frequencies: USB input (PCM) 32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz, 352.8kHz, 384Hz (16, 24, 32 bit), USB input (DSD) 2.82MHz, 5.64MHz (1bit), COAX / OPT input : 32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz (16, 20, 24bit)

  Digital input: USB x 1, Coaxial x 1, Optical x 1

- Digital injut: Costs 1, Osaki A 1, Optical x 1
   Output voltage / Impedance : LINE 2.5V / 300Ω, BAL LINE 2.5V / 600Ω
   Frequency response : CD 5Hz to 20kHz (-0.5dB), SACD 5Hz to 50kHz (-3dB), STATE (1938); SACE 342 to 30kHz (-338); SACE 342 to 30kHz (-338)

D-08u super audio CD PLAYER



The D-08u is a flagship model CD player that introduces overwhelming component quality and the latest technology. In addition to the stable rotation system provided by our original LxDTM disk drive mechanism, a highly stable and accurate reading system, the digital circuitry is the latest high sound quality composition corresponding to PCM 384 kHz / 32 bit, DSD 5.64 MHz. For the analog output circuit, we installed the latest version 4.0 of ODNF, which is also the essence of LUXMAN's amplifier circuit technology, in a fully balanced circuit configuration. It is LUXMAN's confidence that it can support the playback of file sound source by USB connection with Windows PC, Mac etc, set up for the long term upstream system.

#### SPECIFICATIONS

- Supported media : 2-channel Super audio CD, CD
   Analog output : LINE x 1, BAL LINE x 1
- Supported sampling frequencies: USB input (PCM) 32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz, 352.8kHz, 384Hz (16, 24, 32 bit), USB input (DSD) 2.82MHz, 5.64MHz (1bit), COAX / OPT input: 32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 400kHz (16) 20.2kHz 192kHz (16, 20, 24bit)

- 192kHz (16, 20, 24bit)

  Digital input: USB x 1, Coaxial x 1, Optical x 1 Digital output: Coaxial x 1, Optical x 1

  Output voltage / impedance: LINE 2.5V / 300Ω, BAL LINE 2.5V / 600Ω

  Frequency response: CD 5Hz to 20kHz (-0.5dB), SACD 5Hz to 50kHz (-3dB), USB (-3dB), US

- Dimensions: 440 (W) x 154 (H) x 413 (D)mm Weight: 22.5kg

\*Windows is a registered trademark or a trademark of Microsoft Corporation in the United States and/or other countries

\*Mac is a registered trademark or a trademark of Apple Inc, in the U.S. and other countries.

\*DSD is a registered trademark. \*The described company names and product names are trademarks or registered trademarks of each company.

### LUXMAN Original Disc Transport Mechanism LxDTM

LUXMAN SACD players are equipped with the LUXMAN Original Disc Transport Mechanism, the LxDTM, allowing digital data to be read at a high level of precision. The left-of-unit location of the mechanical system has been adopted after careful consideration of the voluminous analog circuitry, ideal and smooth signal flow, oscillatory concerns and weight balance. What is more, a strong chassis structure solidly encloses the whole mechanism and effectively cuts out external vibration.

\*LxDTM: Luxman original Disc Transport Mechanism



### USB D/A CONVERTER

## DA-250 usb d/a converter



DSD

The DA-250 is based on our popular product , the DA-200. This new version supports PCM 192 kHz / 32 bit, DSD 5.64 MHz audio files and features a headphone amplifier circuit with improved driving power, a fully balanced pre-amplifier circuit and a line output. This high-grade USB D/A converter is equipped with a dedicated electronic attenuator, LECUA, for each headphone output. A compact card type remote control is also included, further enhancing it's convenience as a digital control center.

#### SPECIFICATIONS

- ⇒ Format: 2 channel D/A converter
  ⇒ Supported sampling frequencies: USB input (PCM) 32kHz, 44.1kHz,48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz (16, 24, 32 bit), USB input (DSD) 2.82MHz, 5.64MHz (1bit), COAX / OPT input (PCM) 32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz,192kHz (16,20,24bit)

  Digital input: USB x 1, Coaxial x 1, Optical x 2
- Digital output : Coaxial x 1, Optical x 1
   Analog input : LINE x 1
- Analog output: LINE x 1, BAL LINE x 1, Headphone x 1
- Headphone output: 130mW+130mW (600Ω), 400mW+400mW (32Ω),

## DA-06 usb d/a converter



DSD

The DA-06 D/A convertor is a high end product which combines large scale analog output circuitry with a USB digital input capable of handling up to 384kHz/32 bit PCM data and 5.64MHz DSD data. The front panel incorporates an LED display showing data sampling frequencies and playback bit rate. The DA-06 also utilizes synchronous DSP transmission and an internal DAIR (Digital Audio Interface Receiver), reducing jitter by synchronous processing of the S/PDIF input.

#### SPECIFICATIONS

- Format : 2 channel D/A converter
- Supported sampling frequencies: USB input (PCM) 32kHz, 44.1kHz,48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz, 352.8kHz, 384kHz (16, 24, 32 bit), USB input (DSD) 2.82MHz, 5.64MHz (1bit), COAX / OPT / AES / EBU (PCM) input 32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz (16.20.24bit)
- Digital input: USB x 1, Coaxial x 2, Optical x 2, Balanced (AES / EBU) x 1
   Digital output: Coaxial x 1, Optical x 1

- Weight: 11.0kg

### LUXMAN original music playback software

LUXMAN has developed an original music playback software system, LUXMAN Audio Player. It is a bespoke software player, providing high quality audio playback over USB on both Windows PC and Mac. This software can handle the regular formats used by major distribution sites such as FLAC, ALAC, WAV, AIFF, MP3, and DFS/DSDIFF.



LUXMAN Audio Player

The Same

P-750u HEADPHONE AMPLIFIERS



LUXMAN applied the latest ODNF4.0 system to eliminate distortion on all four channels. Specially selected design specifications bring out the benefits of the BTL output for balanced headphones. For the unbalanced outputs, the output current capacity is doubled by pairing the four amplifier channel circuits into left and right and driving them in parallel. The P-750u has a 4-pin XLR balanced connection, which is becoming standard for high-end headphones. The chassis feet are made of cast iron to block unnecessary external vibration. LUXMAN's electronically controlled ultimate attenuator, LECUA, enables smooth adjustment of the volume control with minimal deterioration in sound quality.

#### SPECIFICATIONS

- Rated output : Unbalanced 4W+4W (8Ω) / 1W+1W (32Ω),
- Balanced 8W+8W (16Ω), 4W+4W (32Ω)

   Input sensitivity / impedance : LINE 1.0V / 15kΩ, BAL LINE 2.0V / 40kΩ

   Total harmonic distortion : Unbalanced 0.003% (1kHz), Balanced 0.002% (1kHz) I rotal narmonic distortion: Unbalanced 0.003% (1kHz), Balanced 0.002% (1kHz)
   Frequency response: 20Hz to 20kHz (+0, -0.1dB), 10Hz to 170kHz (+0, -3dB)
   S/N ratio: Unbalanced 113 dB, Balanced 116dB
   Power consumption: 40W, 27W (no signal)
   Dimensions: 440 (W) x 92 (H) x 400 (D)mm

### PHONO AMPLIFIER

E-250 phono amplifiers



The E-250 allows the listener to fine tune settings for any recorded performance, releasing the expression engraved in the grooves of vinyl discs and creating a hitherto unknown musical impression. The rear panel is equipped with an impedance selector and a load capacity selector to match the characteristics of the selected cartridge, exploiting the output to its full potential. The E-250 features a step up transformer with a 2 stage gain sector with independent left and right circuits. The super permalloy core supports even low impedance MC cartridges. This creates a rich and expressive musicality that is a unique characteristic of this type of transformer.

- Circuiting system : NF type equalizer (RIAA)
   Input sensitivity / impedance : MM 3.2mV / 34kΩ, 47kΩ, 56kΩ, 100kΩ (switchable), MC high 0.37mV / 40Ω, MC low 0.12mv / 2.5Ω

  • Gain: MM 38dB, MC high 57dB, MC low 66dB
- Output voltage / impedance : 250mV / 300Ω
   S/N ratio : MM 90dB, MC high 83dB, MC low 80dB
- Power consumption : 7W
   Dimensions : 364 (W) x 81 (H) x 274 (D)mm
- Weight: 4.3kg

EQ-500 VACUUM TUBE PHONO AMPLIFIERS



The EQ-500 CR type equalizer evokes excellent tone, supported by it's linear characteristics without the need for feedback and it's quality features, reproducing the living breath of music unique to analog record playback. This model uses vacuum tubes in each crucial section. The front panel lay out features many useful adjustment controls and switching functions according to the listener's choice of cartridge, aiming to display a practical presence and functional beauty.

#### SPECIFICATIONS

- SPECIFICATIONS

  Circuiting system: SRPP, final stage cathode follower, non-feedback CR type equalizer (RIAA)

  Input sensitivity / impedance: MM 4mV / 30kΩ to 100kΩ (variable), MC high 0.44mV / 40Ω, MC low 0.18mV / 2.5Ω
- Gain: MM 36dB, MC high 55dB, MC low 74dB
   Output voltage / impedance: 250mV / 850Ω
- S/N ratio : MM 76dB, MC high 75dB, MC low 74dB
  Power consumption : 47W
  Dimensions : 440 (W) x 92 (H) x 397 (D)mm

- Weight: 12.5kg

### Return home to a space filled with beautiful sound

The NeoClassico series has returned after 11 years. We present the combination of a high quality vacuum tube pre-main amplifier, the SQ-N150 and the D-N150 CD player, equipped with a

USB input, in a compact A4 footprint design.

In combination with high-performance compact speakers,

you will discover new dimensions to the music you've been listening to.

A realistic sound stage will appear before your ears. It will be a pleasure to fill your living space with such rich sound quality, creating a truly satisfying listening experience.

We celebrate the long awaited return of the revamped NeoClassico series.

 $SQ ext{-}N150$  vacuum tube integrated amplifiers



The NeoClassico series returns after 11 years, featuring this compact and stylish A4 sized integrated amplifier with an attractive level of audio quality, this vacuum tube integrated amplifier is the core of the series. It has undergone a complete transformation, with newly designed components suitable for a high-end model, while staying true to the original concept. Simplified circuitry, utilizing EL84 vacuum tubes in a push-pull configuration, produces an output of 10 Watts per channel, placing importance on enjoying this unit's excellence for a long time. Improvements, including the addition of a new analog level meter, balance adjustment and MC cartridge input, further enhance this complete integrated amplifier.

#### SPECIFICATIONS

- Rated output: 10W+10W (6Ω)
   Input sensitivity / impedance: PHONO (MM) 3.0mV / 47kΩ, PHONO (MC) 0.33mV / 100Ω, LINE 180mV / 47kΩ
- Total harmonic distortion : 1% or less (1kHz / 6Ω)
   S/N ratio : LINE 95dB or more
- Frequency response: LINE 20Hz to 80kHz (within -3dB, LINE STRAIGHT "ON")
   Power consumption: 98W
- Dimensions: 297 (W) x 188 (H) x 251 (D) mm
   Weight: 12.4kg

 $D\text{-}N150 \; \text{-}\, \text{compact disc player}$ 



The D-N150 CD player, a matching complement to the SQ-N150, is equipped with Texas Instruments PCM5102A DAC chips, which can handle audio encoding up to 192kHz / 32 bit, and a highly reliable LUXMAN transport mechanism, known for stable and accurate disc reading, featured in our D-380 CD player. Newly equipped with coaxial, optical and USB terminals for digital inputs, it can also be used as a digital audio hub. The remote control allows player control and amplifier volume adjustment. The NeoClassico II series suspends time by relaxing and immersing the listener in the music with favorably designed and truly enjoyable products.

#### SPECIFICATIONS

- Supported media : CD
- Analog dulput: LiNE x T
   Supported sampling frequencies: USB input (PCM) 32kHz, 44.1kHz,48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz (16, 24, 32 bit), COAX / OPT input (PCM) 32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz (16,20,24bit)
   Digital input: USB x 1, Coaxial x 1, Optical x 1

- Digital output: Optical x 1
   Frequency response: CD 5Hz to 20kHz (+0, -0.5dB), COAX / OPT / USB 5Hz to 50kHz (+0, -3dB)
   Total harmonic distortion: CD 0.005%, COAX / OPT / USB 0.005%
   S/N ratio: CD110dB, COAX / OPT / USB 110dB

- Power consumption : 13W
   Dimensions : 297 (W) x 98 (H) x 222 (D)mm

\*LUXMAN Audio Player or the driver software is available for download on our website.

### **ACCESSORIES**

### ARM BASE for PD-171AL



OPPD-AB1

 OPPD-AB1 for SME3009R/3010R and other 9inch, 10inch tonearms



#### OPPD-AB4

OPPD-AB4 for SAEC WE-407/23



#### OPPD-AB2

OPPD-AB2 for FR64/64S/64FX IKEADA IT-345



#### OPPD-AB5

OPPD-AB5 for **ORTOFON AS-212S/RS-212D** 



#### OPPD-AB3

 OPPD-AB3 for SAEC WE-308



#### OPPD-AB6

OPPD-AB6 for DIY universal tonearm base





OPPD-DSC151

 Specific to the PD-151, 4mm thick acrylic, cam support hings



#### Headshell OPPD-SH1

 Light magnesium alloy, 13g (including wires)



Heavy counterbalance weight OPPD-HW1

• For cartridges of 9 to 19g (22 to 32g including headshell)



Rubber drive belt

### SYSTEM SELECTOR





### AS-44 Coaxial line selector

- 4 way RCA terminal signal switching system
- Dimensions: 370 (W) x 71 (H) x 136 (D) mm

Weight: 2.4kg





#### AS-55 Speaker selector

- 3 way speaker terminal signal switching system

   Dimensions: 370 (W) x 71(H) x 164 (D) mm

   Weight: 3.0kg





### AS-50R Speaker selector

- 3 way speaker terminal signal switching system
- Dimensions: 297 (W) x 75 (H) x 120 (D) mm

• Weight: 1.8kg



#### AS-4 (III) Coaxial line selector

- RCA terminal type channel selector

  Dimensions: 160 (W) x 65 (H) x 95 (D) mm
- Weight : 530g



#### AS-5 (III) Speaker selector

Speaker terminal type channel selector (Including headphone terminal)

- Dimensions: 240 (W) x 65 (H) x 95 (D) mm
- Weight: 750g

### AUDIO CABLE

#### **ULTIMATE 15000 SERIES**

LUXMAN's ultimate 15000 series features three different high-grade genuine audio cables which have been engineered utilizing a wide range of break-through technologies and know-how gained from decades of experience developing class leading audio amplifiers. The 15000 series has a well-established strand configuration, with it's unique non-twisted structure, established in our previous cable series, and extremely pure 7N-Class D.U.C.C. copper core wire which possesses very low impedance. With the newly developed movable branch holder, it's now possible to have a longer cable branch without compromising

\*D.U.C.C.(Dia-Ultra Crystallized Copper) is the registered trademark of Mitsubishi Cable Industries., Ltd.
\*Our JPR/JPC-15000 is made from 100% 7N-Class D.U.C.C. copper and the JPS-15000 is made from 60% 7N-Class D.U.C.C. copper and 40% OFC copper.



#### JPR-15000 NEW

- 1.3m cable with RCA connectors
- 7N-Class D.U.C.C. (99.99998% OFC) conductor



#### JPS-15000 NEW

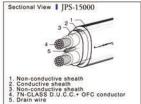
- 3.0m speaker cable with spade plugs
- 7N-Class D.U.C.C. (99.99998% OFC) conductor
- + OFC conductor



#### JPC-15000 NEW

- 1.3m cable with XLR connectors
- 7N-Class D.U.C.C. (99.99998% OFC) conductor





#### REFERENCE SERIES



#### JPR-100

- 1.0m cable with RCA connectors
- Oxygen Free Copper (OFC) conductor

#### JPR-150

- 1.5m cable with RCA connectors
- Oxygen Free Copper (OFC) conductor



#### JPU-150

- 1.5m USB 2.0 cable
- Oxygen Free Copper (OFC) conductor



#### JPC-100

- 1.0m cable with XLR connectors
- Oxygen Free Copper (OFC) conductor

- 1.5m cable with XLR connectors
- Oxygen Free Copper (OFC) conductor



#### JPS-100

- 50m speaker cable reel
- Oxygen Free Copper (OFC) conductor

### **ULTIMATE SERIES**



#### IPR-10000

- 1.25m cable with RCA connectors
- 6N (99.99997% Copper) high-grade conductor



#### IPC-10000

- 1.25m cable with XLR connectors
- 6N (99.99997% Copper) high-grade conductor

### **TERMINAL PLUGS**



#### JPT-10

- RCA short pin
- (8 plugs, boxed)
- Solid carved brass 24K gold plated



#### JPB-10

- Banana plug
- (4 plugs, boxed)
- Solid carved brass 24K gold plated



#### JPY-10

- Spade plug
- (4 plugs, boxed)
- Solid carved brass



\* Specifications and appearance are subject to change without notice. 
\* The products listed in this catalog do not include line cables. Please purchase cables separately

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### ▲ Safety Cautions

To ensure correct use of this product, read the "Owner's Manual" prior to use. Failure to follow all safeguards can result in fire, electric shock, or other accidents.