

INTEGRATED AMPLIFIER

SEPARATE AMPLIFIER

VACUUM TUBE AMPLIFIER

ANALOG PLAYER

DIGITAL PLAYER

Neo Classico II

AUDIO COMPONENTS PRODUCT CATALOG 2020





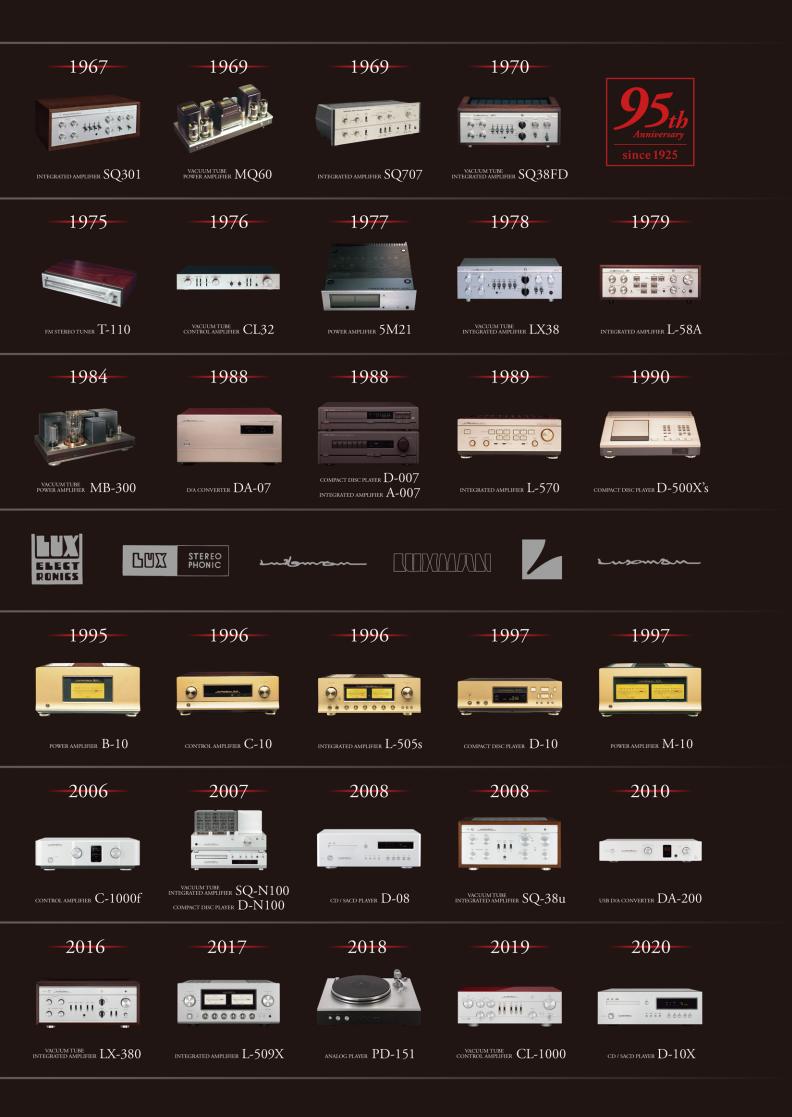












LUXMAN's Legacy

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.





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INTEGRATED AMPLIFIER

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





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: 120 W+120 W (8 Ω) / 220 W+220 W (4 Ω)
 Input sensitivity / impedance: PHONO (MM) 2.5 mV / 47 kΩ, PHONO (MC) 0.3 mV / 100 Ω, LINE 180 mV / 47 kΩ
- \bullet Total harmonic distortion : 0.007 % (1 kHz / 8 $\Omega),$ 0.06 % (20 Hz to 20 kHz / 8 $\Omega)$ \bullet S/N ratio : LINE 105 dB or more
- Frequency response: LINE 20 Hz to 100 kHz (within -3 dB)
 Power consumption: 380 W, 150 W (no signal), 0.5 W (at standby)

● Dimensions: 440 (W) x 193 (H) x 463 (D) mm ● Weight: 29.3 kg

L-590AX MARK II INTEGRATED AMPLIFIER







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 New LECUA 1000 and discrete buffer circuits. As our latest class A integrated amplifier, this model provides supreme audio playback satisfaction, completing a component system by combining convenience and quality at high level.

SPECIFICATIONS

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

- S/N ratio : LINE 105 dB or more

 Frequency response : LINE 20 Hz to 100 kHz (within -3 dB)

 Power consumption : 330 W, 260 W (no signal), 0.5 W (at standby)

 Dimensions : 440 (W) x 193 (H) x 463 (D) mm

 Weight : 28.4 kg

L-507uX MARK II INTEGRATED AMPLIFIER





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 8Ω and 210 Watts per channel at 4 Ω .

SPECIFICATIONS

- SPECIFICATIONS

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

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

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

- S/N ratio : LINE 105 dB or more
 Frequency response : LINE 20 Hz to 100 kHz (within -3 dB)
 Power consumption : 350 W, 86 W (no signal), 0.4 W (at standby)
 Dimensions : 440 (W) x 178 (H) x 454 (D) mm

- Weight: 25.0 kg

L-550AX MARK II INTEGRATED AMPLIFIER







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, ODNF4.0, both are used in LUXMAN's top-of-the-range amplifiers. We made huge steps forward whilst developing our flagship class A integrated amplifier, the L-590AX Mark II, and the essence of its 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: 20 W+20 W (8 Ω) / 40 W+40 W (4 Ω)
 Input sensitivity / impedance: PHONO (MM) 2.5 mV / 47 kΩ,
- PHONO (MC) 0.3 mV / 100 Ω, LINE 180 mV / 47 kΩ

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

L-505uX MARK II INTEGRATED AMPLIFIER





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 began.

SPECIFICATIONS

- Rated output: 100 W+100 W (8 Ω) / 150 W+150 W (4 Ω)
 Input sensitivity / impedance: PHONO (MM) 2.5 mV / 47 kΩ, PHONO (MC) 0.3 mV / 100 Ω, LINE 180 mV / 47 kΩ
- Total harmonic distortion : 0.009 % (1 kHz / 8 Ω), 0.09% (20 Hz to 20 kHz / 8 Ω)
- S/N ratio : LINE 104 dB or more
- Frequency response: LINE 20 Hz to 100 kHz (within -3 dB)
 Power consumption: 300 W, 85 W (no signal), 0.4 W (at standby)
- Dimensions: 440 (W) x 178 (H) x 454 (D) mm
 Weight: 22.5 kg

ODNF : Only Distortion Negative Feedback LECUA : LUXMAN Electronically Controlled Ultimate Attenuator

CONTROL AMPLIFIER

C-900u control amplifier





LUXMAN's C-900u was created in our pursuit of superlative tonal quality. A fully balanced design with quality tone control is extremely difficult to implement but LUXMAN's engineers have achieved this, allowing music lovers to enjoy the full range of their music collection. The balanced amplification circuit, a four module configuration, in which the hot & cold elements of the left & right audio signals are independently amplified, is introduced to suppress any unnecessary noise generation. The combination of the evolved ODNF version 4.0 circuit and a robust power supply unit has achieved high S/N performance and improved sound quality without distortion. LUXMAN's original fixed resistance switching type attenuator, the latest version of the New LECUA1000 is used for the volume control circuit and is a major feature of this control amplifier.

SPECIFICATIONS

- l Input sensitivity / impedance : LINE 255 mV / 43 kΩ, BAL LINE 255 mV / 86 kΩ

 Output voltage / impedance : LINE 1 V / 90 Ω, Maximum 11 V,
 BAL LINE 1 V / 180 Ω, Maximum 22.5 V

 Total harmonic Distortion : LINE 0.009 % (20 Hz to 20 kHz),
- BAL LINE 0.005 % (20 Hz to 20 kHz)

 Frequency response : 20 Hz to 20 kHz (+0, -0.1 dB), 5 Hz to 120 kHz (+0, -3 dB)
- S/N ratio: LINE 123 dB, BAL LINE 126 dB (Maximum output)
 Power consumption: 42 W, 2.2 W (at standby)
- Dimensions: 440 (W) x 130 (H) x 430 (D) mm Weight: 19.7 kg



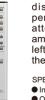






 $C ext{-}700u$ control amplifier





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.

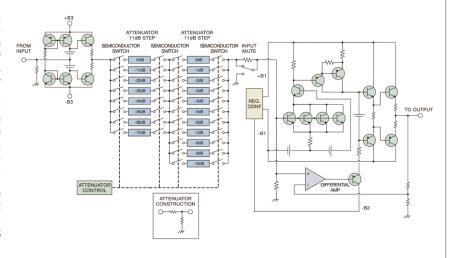
- Input sensitivity / impedance : LINE 250 mV / 46 k Ω , BAL LINE 250 mV / 67k Ω Output voltage / impedance : LINE 1 V / 90 Ω , Maximum 11 V,
- BAL LINE 1 V / 600 Ω, Maximum 11.5 V

 Total harmonic distortion: LINE 0.007 % (20 Hz to 20 kHz),
- BAL LINE 0.010 % (20 Hz to 20 kHz)

 Frequency response : 20 Hz to 20 kHz (+0, -0.1 dB), 5 Hz to120 kHz (+0, -3 dB)
- S/N ratio: LINE 125 dB, BAL LINE 122 dB (maximum output) Power consumption: 28 W, 2 W (at standby)
- Dimensions: 440 (W) x 130 (H) x 430 (D) mm Weight: 14.6 kg

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.

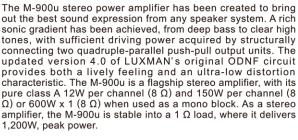
STEREO POWER AMPLIFIER

$M\text{-}900u \hspace{0.1cm} \overline{}_{\text{STEREO POWER AMPLIFIER}}$









SPECIFICATIONS

- Rated output : 150 W+150 W (8 Ω) / Stereo, 300 W+300 W (4 Ω) / Stereo, 600 W (8 Ω) / Monaural
- Maximum power output: 1200 W+1200 W (1 Ω) / Stereo, 2400 W (2 Ω) / Monaural
- Input sensitivity : 1.24 V / 150 W (8 Ω) Input impedance : LINE 51 kΩ, BAL LINE 34 kΩ
- Total harmonic distortion: 0.008 % or less (1 kHz / 8 Ω),
 0.1 % or less (20 Hz to 20 kHz / 8 Ω)
- Frequency response : 20 Hz to 20k Hz (+0, -0.1 dB), 1 Hz to 130 kHz (+0, -3 dB)

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- S/N ratio : 117 dB
- Power consumption : 540 W, 280 W (no signal), 1.0 W (at standby)
 Dimensions : 440 (W) x 224 (H) x 485 (D) mm Weight : 48.0 kg





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 120 W per channel into 8 Ω and 210 W per channel into 4 Ω , achieving up to 840 W per channel into 1 Ω instantaneously. There is also a user selectable mono mode with a rated output of 420 W into 8 Ω. 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.

- Rated output: 120 W+120 W (8 Ω) / Stereo, 210 W+210 W (4 Ω) / Stereo, 420 W (8 Ω) / Monaural
- Maximum power output: 840 W+840 W (1 Ω) / Stereo, 1680 W (2 Ω) / Monaural
- Input sensitivity : 1.1 V / 120 W (8 Ω)
 Input impedance : LINE 51 k Ω , BAL LINE 34 k Ω Total harmonic distortion : 0.009 % or less (1 kHz / 8 Ω),
- 0.1 % or less (20 Hz to 20 kHz / 8 Ω)
- Frequency response : 20 Hz to 20 kHz (+0, -0.1 dB), 1 Hz to 130 kHz (+0, -3 dB)
- Power consumption : 370 W, 110 W (no signal), 0.4 W (at standby)
- Dimensions: 440 (W) x 190 (H) x 427 (D) mm Weight: 27.5 kg

Appealing to one's sensitivity with rich, expressive power

LUXMAN has many original audio engineerig technologies, one of them is called "Only Distortion Negative Feedback" or ODNF. This system works by isolating noise and distortion in the musical signal at the output and sparingly applying negative feedback systems to suppress them. Conventional negative feedback systems can have an adverse effect on the music, introducing phase distortion. The ODNF circuit features ulta-high slew rate and ultra-low distortion that it doesn't need to use phase comensation for the music signal amplifying circuits. This new technology also ensures the need for DC servo circuit is alleviated, again improving sound quality. The neat thing is that ODNF is only applied to that portion of the music signal that is noisy or distorted, if the rest of the music is clean, nothings needs to be done.

SPEAKER OUT

ODNF stands for Only Distortion Negative Feedback

VACUUM TUBE CONTROL AMPLIFIER

CL- $1000\,$ vacuum tube control amplifier





Successor to the classic C-1000 released in 1975, CL-1000 pairs beautifully with the acclaimed MQ-300 vacuum tube stereo amplifier. Both reflect LUXMAN's singular expertise in vacuum tube audio. The heart of any preamplifier is the volume control. This is why we developed LECUTA, Luxman Electronically Controlled Ultimate Transformer Attenuator, pairing with JJ's E88CC tubes, delivering fresh and rich sound in harmony. The front panel volume control is actually a 34-step rotary switch that activate 34 taps relays located outside the signal path. In a design reminiscent of our classic C-1000, the front panel uses the latest precision machining to superpose three thick aluminum layers into one massive, anti-resonant assembly. The aluminum provides a graceful counterpoint to the cabinet, which we cover in natural walnut with a rosewood gloss

SPECIFICATIONS

Power consumption

Input sensitivity / impedance : LINE 180 mV / 90 k Ω , BAL LINE 180 mV / 70 k Ω

EXT-IN (PHONO) MM 2.2 mV / 100 kΩ, 50 kΩ, 33 kΩ

MC-H $0.26\,\text{mV}/1\,\text{k}\Omega$ MC-M $0.26\,\text{mV}/40\,\Omega$

MC-L 87 μ V / 10 Ω LINE 1 V / 1 $k\Omega$, Maximum 18 V Output voltage / impedance

BAL LINE 1 V / 1 k Ω , Maximum 18 V LINE / BAL LINE 0.016 % (1 kHz)

 Total harmonic Distortion LINE / BAL LINE 20 Hz to 20 kHz (+0.3. -0 dB) Frequency response EXT-IN (PHONO) 20 Hz to 20 kHz (±0.3 dB)

● S/N ratio (for maximum output): LINE / BAL LINE 120 dB

MM 108dB, MC-H 92dB, MC-M 92dB, MC-L 83dB

460 (W) x 166 (H) x 454 (D) mm

Weight

Electronically Controlled Transformer type Attenuator LECUTA

The heart of any preamplifier is the volume control. If not executed properly, this key circuit element can cause left/right channel imbalances and introduce subtle but tangible distortion at low volume. For this reason, LUXMAN created our acclaimed LECUA attenuator system. Now we've refined the concept with LECUTA, the Luxman Electronically controlled Ultimate Transformer Attenuator. The front panel volume control is actually a 34-step rotary switch that triggers 34 relays located totally outside the signal path. The relays activate 34 taps on matching left and right transformers. It is these taps that adjust the volume in carefully calibrated steps. Because transformer cores can influence sound quality, we selected FINEMET® core material from Hitachi Metals, Ltd. This has a unique nanocrystal structure for high saturation flux density, high relative permeability and low core loss. So you'll enjoy rich, detailed, uncompromising sound even at low volume.



*FINEMET is registered trademark of Hitachi Metals, Ltd.

VACUUM TUBE STEREO POWER AMPLIFIER

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



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

VACUUM TUBE CONTROL AMPLIFIER

CL-38uC VACUUM TUBE CONTROL AMPLIFIER





The CL-38uC retains the traditional look with its wooden case but the body width is now expanded to a LUXMAN standard size of 440 mm (the CL-38u had a width of 400 mm) 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) 2 mV / 47 kΩ,
- PHONO (MC high) 0.3 mV / 100 Ω, PHONO (MC low) 0.08 mV / 30 Ω, LINE 190 mV / 50 kΩ

 Total harmonic distortion : 0.006 % (1 kHz), 0.06 % (20 Hz to 20 kHz)
- S/N ratio: PHONO (MM) 68 dB or more, PHONO (MC high) 63 dB or more, PHONO (MC low) 60 dB or more, LINE 100 dB or more
- Frequency response: PHONO 20 Hz to 20 kHz (±0.5 dB), LINE 10 Hz to 70 kHz (Within -3 dB)

- Power consumption: 35 W
 Dimensions: 440 (W) x 169 (H) x 307 (D) mm
 Weight: 13.3 kg

VACUUM TUBE STEREO POWER AMPLIFIER

MQ-88uC VACUUM TUBE POWER AMPLIFIER



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 KT-88 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 Ω , 8 Ω and 16 Ω speakers.

SPECIFICATIONS

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

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 compromises 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 enthusiast-focused attraction of this hybrid tube-loaded integrated amplifier.

SPECIFICATIONS

- Rated output: 20 W+20 W (6 Ω) / 18 W+18 W (8 Ω) / 14W+14W (4 Ω)
- Input sensitivity / impedance : PHONO (MM) 3.0 mV / 47 k Ω , PHONO (MC) 0.38 mV / 100 Ω , LINE 180 mV / 47 k Ω
- Total harmonic distortion : 1 % (1 kHz / 6 Ω) S/N ratio : LINE 95 dB or more

 Frequency response : LINE 20 Hz to 80 kHz (within -3 dB)

 Power consumption : 127 W

 Dimensions : 440 (W) x 197 (H) x 403 (D) mm

 Weight : 17.6 kg

COMPACT DISC PLAYER

D-380 COMPACT DISC PLAYER





As the successor to the D-38u, a long-selling product since its launce in 2009, the D-380, in its 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 32 bit 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 2.1 V / 300 Ω, Vacuum tube 2.4 V / 300 Ω
- Frequency response: Solid state 20 Hz to 20 kHz (+0, -0.2 dB) Vacuum tube 20 Hz to 20 kHz (+0.1, -0.3 dB)
- Total harmonic distortion : Solid state 0.005 %, Vacuum tube 0.8 %
 S/N ratio : Solid state 115 dB, Vacuum tube 105 dB
 Power co
- Power consumption : 16 W
- Dimensions: 440 (W) x 167 (H) x 286 (D) mm Weight: 10.8 kg

BELT DRIVE ANALOG PLAYER

$PD\text{-}171A = \frac{1}{\text{Belt drive analog player}}$



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

Tone arm section

Body

- Power consumption: 38 W
- Dimensions: 492 (W) x 140 (up to top face of platter), x 195 (including dust cover) (H) x 407 (D) mm Weight: 25.4 kg

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 1/3 rpm, 45 rpm (2 speeds selectable)

 Revolution adjustment range: ±5 %

 Wow and flutter: 0.04 % (W.R.M.S.) or less

 Weight: 5.0 kg (platter)

Body

- Power consumption: 38 W
 Dimensions: 492 (W) x 140 (up to top face of platter)
- x 195 (including dust cover) (H) x 407 (D) mm Weight: 23.8 kg

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 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.

SPECIFICATIONS

Phono motor section

- Drive system : Belt drive system
 Motor : PID controlled DC brushless motor
 Materials : Machined aluminum, diamond cut surface

- Revolution: 33 1/3 rpm, 45 rpm, 78 rpm (3 speeds selectable)
 Revolution adjustment range: ±6 % (each rotation speed adjustable independently)

● Wow and flutter: 0.04 % (W.R.M.S.) or less ● Weight: 4.0 kg (platter)

Tone arm section

- Type : Static balanced, S shaped Bearing : Single point cross suspension
- Effective length: 229 mm Overhang: 15 mm Tracking error angle: +1.9° to -1.1°
 Suitable cartridge weight: 4 to 12 g (Including head shell 17 to 25 g)
- Adjustable height range : 38 to 60 mm Anti-skating bias : 0 to 3 g

Body

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

*Dust cover is sold separately

Accessories for PD-171A / PD-171AL / PD-151

Arm Base

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

PD-171A PD-171AL

Heavy counterbalance weight -

OPPD-HW1

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

PD-171A

PD-151

OPPD-AB2 for FR64/64S/64FX IKEADA IT-345 PD-171A PD-171AL

OPPD-AB2

Headshell

OPPD-SH1 Light magnesium alloy, 13 g (including wires) PD-171A PD-151

OPPD-AB3

OPPD-AB3 for SAEC WE-308

PD-171A PD-171AL

Rubber drive belt

PD-171A PD-171AL PD-151

OPPD-AB4

OPPD-AB4 for SAEC WE-407/23

PD-171AL PD-171AL

OPPD-AB5 for ORTOFON AS-212S/RS-212D PD-171A PD-171AL

OPPD-AB6 OPPD-AB6 for DIY universal tonearm base PD-171A PD-171AL

Dust cover

OPPD-AB5

OPPD-DSC151 Specific to the PD-151, mm thick acrylic, cam support hings

PD-151

SUPER AUDIO CD PLAYER

D–10X super audio CD Player



DSD AM MQA

D-10X features the new original mechanism LxDTM-i, high spec DAC (MUS-IC BD34301EKV) x 2 (monaural mode) and full discrete analog circuit with the latest ODNF-u defines the flagship model of SACD player. The digital signal read with high accuracy by the renewed LXDTM-i with increased rigidity and rotational stability is based on the latest digital circuit that supports PCM768 Hz / 32 bit and DSD22.4 MHz / 1bit. It is completely converted to an analog signal and the information of the source is produced with rich musicality and expressiveness to the limit by a fully balanced discrete amplifier circuit. In addition MQA-CD / MQA files are also supported by full decoding, enabling high-quality playback in all diversified source environments.

SPECIFICATIONS

- Supported media : 2-channel Super audio CD, CD
 Analog output : LINE x 1, BAL LINE x 1
- Supported sampling frequencies: USB input (PCM) 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz, 352.8 kHz, 384 Hz, 705.6 Hz, 768 Hz (16, 24, 32 bit) USB input (DSD) 2.8 MHz, 5.6 MHz, 11.2 MHz, 22.4 MHz (1bit)
 COAX / OPT input : 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz (16, 20, 24 bit)
- Digital input: USB x 1, COAX x 1, OPT x 2
 Digital output: COAX x 1, OPT x 1
 Output voltage / impedance: LINE 2.4 V / 300 Ω, BAL LINE 2.4 V / 600 Ω
- Output votage / Impedance : LINE 2.4 V / 300 Ω, BAL LINE 2.4 V / 600 Ω
 Frequency response : CD 5 Hz to 20 kHz (+0, -1 dB), SACD 5 Hz to 50 kHz (+0, -3 dB), USB 5 Hz to 50 kHz (+0, -3 dB)
 Total harmonic distortion : 0.0015 % (CD), 0.0011 % (SACD), 0.0009 % (USB)
 S/N ratio : 123 dB (CD), 106 dB (SACD), 123 dB (USB)

- Power consumption: TBC
 Dimensions: 440 (W) x 154 (H) x 420 (D) mm Weight: 22.4kg

*The specifications and appearance are subject to change before the launch of this product

COMPACT DISC PLAYER

D-03X COMPACT DISC PLAYER









The D-03X is equipped with a highly reliable, dedicated CD transport mechanism to improve accuracy, stable operation and reduce noise when reading discs. It delivers high quality amplification via fully balanced output circuitry. The D/A converter reatures dual Texas Instruments PCM 1795 chips to handle high resolution files. The USB input supports PCM data up to 384 kHz / 32 bit and DSD files up to 11.2 MHz / 1 bit with high precision signal processing. In addition, the newly supported Bulk Pet transfer has expanded the options for high-quality and stable file playback by reducing load between sender and receiver. Increasing numbers of titles feature MQA-CD / MQA encoded files are fully supported. Beth CD playback, which is till at the files are fully supported. Both CD playback, which is still at the center of listener's collections, and diversified digital file / data playback can be achieved with high quality.

SPECIFICATIONS

- Supported media: 2-channel CD
- Analog output: LINE x 1, BAL LINE x 1
 Supported sampling frequencies: USB input (PCM) 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz, 352.8 kHz, 384 Hz (16, 24, 32 bit) USB input (DSD) 2.8 MHz, 5.6 MHz, 11.2 MHz (1bit)
- COAX / OPT input: 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz (16, 20, 24 bit)

 Digital input: USB x 1, COAX x 1, OPT x 1

 Output voltage / impedance: LINE 2.4 V / 300 Ω , BAL LINE 2.4 V / 600 Ω Frequency response: CD 5 Hz to 20 kHz (+0, -1 dB), USB 5 Hz to 47 kHz (+0, -3 dB)

- Total harmonic distortion : 0.003 % (CD), 0.002 % (USB) S/N ratio : 101 dB (CD), 113 dB (USB)
- Power consumption: 18 W
 Dimensions: 440 (W) x 133 (H) x 410 (D) mm
 Weight: 13.2 kg

*The specifications and appearance are subject to change before the launch of this product

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 Plaver

The DA-250 is based on our popular product, the DA-200. This new version supports PCM 192 kHz / 32 bit, DSD 5.6 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 its convenience as a digital control center.

SPECIFICATIONS

- Format : 2-channel D/A converter
- Supported sampling frequencies: USB input (PCM) 32 kHz, 44.1 kHz,48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz (16, 24, 32 bit) USB input (DSD) 2.8 MHz, 5.6 MHz (1 bit)
 COAX / OPT input (PCM) 32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz (16,20,24 bit)
- Digital input: USB x 1, COAX x 1, OPT x 2 Digital output: COAX x 1, OPT x 1 Analog input: LINE x 1 Analog output: LINE x 1, BAL LINE x 1, HEADPHONE x 1 Headphone output: 130 mW+130 mW (600 Ω), 400 mW+400 mW (32 Ω),
- 200 mW+200 mW (16 Ω)
- Total harmonic distortion: 0.001 % S/N ratio: 118 dB Frequency response: 2 Hz to 50 kHz (+0, -3 dB) Power consumption: 20 W Dimensions: 364 (W) x 81 (H) x 279 (D) mm Weight: 5.4 kg

PHONO AMPLIFIER

EQ-500 VACUUM TUBE PHONO AMPLIFIER



The EQ-500 CR type equalizer evokes excellent tone, supported by its linear characteristics without the need for feedback and its 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
- Circuiting system : SRPP, final stage cathode follower,
- non-feedback CR type equalizer (RIAA) Input sensitivity / impedance : MM 4 mV / 30 k Ω to 100 k Ω (variable), MC high 0.44 mV / 40 Ω , MC low 0.18 mV / 2.5 Ω
- Gain : MM 36 dB, MC high 55 dB, MC low 63 dB
- Output voltage / impedance : 250 mV / 850 Ω
 S/N ratio : MM 76 dB, MC high 75 dB, MC low 74 dB
- Power consumption : 47 W
- Dimensions: 440 (W) x 92 (H) x 397 (D) mm Weight: 12.5 kg

E-250 phono amplifier



The E-250 allows the listeners 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 3.2 mV / 34 kΩ, 47 kΩ, 56 kΩ, 100 kΩ (switchable),
- MC high 0.37 mV / 40 Ω, MC low 0.12 mv / 2.5 Ω

 Gain: MM 38 dB, MC high 57 dB, MC low 66 dB
- Output voltage / impedance : 250 mV / 300 Ω

 S/N ratio : MM 90 dB, MC high 83 dB, MC low 80 dB

 Power consumption : 7 W
- Dimensions : 364 (W) x 81 (H) x 274 (D) mm Weight : 4.3 kg

HEADPHONE AMPLIFIER

P-750u HEADPHONE AMPLIFIER



LUXMAN applied the latest ODNF 4.0 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 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 4 W+4 W (8 Ω) / 1 W+1 W (32 Ω),
- Ralanced 8 W+8 W (16 Ω), 4 W+4 W (32 Ω)

 Input sensitivity / impedance : LINE 1.0 V / 15 k Ω , BAL LINE 2.0 V / 40 k Ω
- Total harmonic distortion : Unbalanced 0.003 % (1 kHz), Balanced 0.002 % (1 kHz)
 Frequency response : 20 Hz to 20 kHz (+0, -0.1 dB), 10 Hz to 170 kHz (+0, -3 dB)

- S/N ratio: Unbalanced 113 dB, Balanced 116 dB
 Power consumption: 40 W, 27 W (no signal)
 Dimensions: 440 (W) x 92 (H) x 400 (D) mm
 Weight: 13.3 kg

Neo Classico II

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 Neo Classico series.

SQ-N150 VACUUM TUBE INTEGRATED AMPLIFIER





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

*The product comes with a bonnet

D-N150 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 192 kHz/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 output : Unbalanced x 1
- Supported sampling frequencies: USB input (PCM) 32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz (16, 24, 32 bit), COAX / OPT input (PCM) 32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz (16,20,24 bit)

- 48 kHz, 88.2 kHz, 95 kHz, 176.4 kHz, 192 kHz (16,20,24 Digital input: USB x 1, COAX x 1, OPT x 1 Digital output: OPT x 1 Frequency response: CD 5 Hz to 20 kHz (+0, -0.5 dB), COAX / OPT / USB 5 Hz to 50 kHz (+0, -3 dB)
- Total harmonic distortion: CD 0.005 %, COAX / OPT / USB 0.005 %

 S/N ratio: CD110 dB, COAX / OPT / USB 110 dB

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

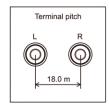
*LUXMAN Audio Player or the driver software is available for download on our website.

SYSTEM SELECTOR

AS–44 $_{rac{1}{2}}$ coaxial line selector

The AS-44 is a passive, high-quality audio selector that can switch up to four audio devices over an RCA network. To match high-end separate amplifiers, the unit is of the highest quality, with a highly rigid aluminum housing. All the internal wiring is 6N (99.99997 % pure) copper wire, purity retains quality and prevents information loss. The RCA terminals are also plated with highly pure gold. There is no compromise in sound quality considerations. This unit can be used as a source selector for switching between CD players, tuners, and D / A converters, or as an amplifier selector that switches and shares one source with multiple amplifiers.



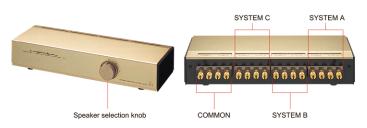


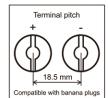
SPECIFICATIONS

- Dimensions : 370 (W) x 71 (H) x 136 (D) mm Weight : 2.4 kg

SPEAKER SELECTOR

The AS-55 is a speaker terminal type, passive, high-quality audio selector that can switch between three speaker outputs. The high quality construction matches high-end separate amplifiers, with a highly rigid aluminum housing, 20 A rotary switch to select output signals and 6N (99.99997 % pure) copper wire used for internal connections. Bare wire, spade or banana plugs can be connected to these high grade speaker output terminals.





SPECIFICATIONS

- Dimensions: 370 (W) x 71 (H) x 164 (D) mm
- Weight : 3.0 kg
- Speaker terminal Supported Y-lug terminal dimension

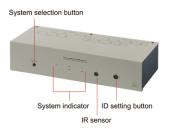
Width of part a: 17 mm or less Width of part b: 8 mm or more

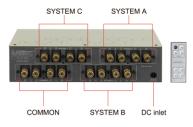


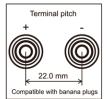
Connection may not be performed depending on the shape of the Y-lug terminal.

AS-50R SPEAKER SELECTOR

The AS-50R is a speaker terminal type audio selector which enables switching between three speaker outputs and also supports remote control operation. Switching is made possible by using a 5 A, high capacity speaker relay that is discretely controlled by the main unit or the included remote control. You can switch between multiple systems comfortably while in your listening position. By changing the ID setting of the main unit, up to four AS-50Rs can be operated with one remote control, and it is possible to build an advanced system that can select multiple speakers and amplifiers in all directions.







SPECIFICATIONS

- Dimensions: 297 (W) x 75 (H) x 120 (D) mm
- Weight: 1.8 kg
- Speaker terminal Supported Y-lug terminal dimension

Width of part a: 22 mm or less Width of part b: 8 mm or more

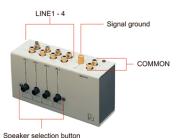


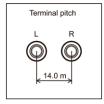
Connection may not be performed depending on the shape of the Y-lug terminal.

adapter is required to operate this unit

 $\mathbf{t}(\mathrm{III})$ coaxial line selector

RCA terminal type channel selector

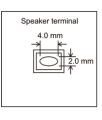




AS-5(III) SPEAKER SELECTOR

Speaker terminal type channel selector (Incluing headphone terminal)





SPECIFICATIONS

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

SPECIFICATIONS

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

CABLE

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 its 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 its performance and appearance, which was difficult due to the integral structure of our previous cables. This is a true flagship reference cable that brings out an extended special silence and density of sound when driven, allowing system components to perform at their best.

*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.



JPC-15000

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

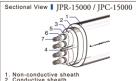


- 3.0 m speaker cable with spade plugs
- 7N-Class D.U.C.C. (99.99998 % OFC) conductor
- + OFC conductor



JPR-15000

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



Sectional View I IPS-15000

Non-conductive sheath 7N-CLASS D.U.C.C.+ OFC conductor

ULTIMATE 10000 SERIES



JPC-10000

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



JPR-10000

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

REFERENCE SERIES



JPC-150

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

JPC-100

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



JPS-100

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



IPR-150

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

JPR-100

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



IPU-150

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

TERMINAL PLUG



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



JPY-10

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



* Specifications and appearance are subject to change without notice.

* The products listed in this catalog do not include line cables. Please purchase cables separately.

LUXMAN

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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.