

Luxman D-06u Odtwarzacz SACD/CD Salon Poznań



Cena: 34 500 zł

Gwarancja: Producenta 2 lata

Dostępne kolory: Srebrny

Important Properties

Waga (kg): 15,7

Głębokość (cm): 41

Szerokość (cm): 44

Wysokość (cm): 13,3

Product Description

Luxman D-06u

Najnowszy model, D-06u, jest odtwarzaczem CD / SACD, wyposażonym w niezwykle funkcje i najnowsze technologie. Bardzo sztywny, oryginalny mechanizm napędu dyskowego, LxDTM (* 1), zapewnia stabilną rotację i dokładny odczyt płyt.

Autorski i udoskonalony obwód cyfrowy został zaprojektowany z myślą o najwyższej jakości dźwięku i jest w stanie obsłużyć cyfrowe kodowanie dźwięku do 384 kHz / 32 bity dla plików PCM i 5,64 MHz dla plików DSD.

LUXMAN gwarantuje, że konstrukcja tego urządzenia pozwala mu pozostać w najbardziej zaawansowanym punkcie systemu audio przez wiele lat.

* 1 LxDTM oznacza oryginalny mechanizm transportu dysków LuXman

Advanced digital circuit

D-06u is equipped with dual-configured (monaural mode) PCM1792A D/A converter that has achieved ultra-high S/N ratio and dynamic range (theoretical value: 132 dB) manufactured by Texas Instruments Incorporated to support playback of not only CDs and SACDs but also file sound sources of up to 384 kHz/32-bit PCM data and DSD data (2.82 M, 5.64 MHz) by connecting a Windows or Mac PC via USB. TAS3152, the latest 32-bit digital signal processor manufactured by Texas Instruments Incorporated, upsamples PCM signals to up to 384 kHz to polish the sound quality. Thanks to the function of

the chip mentioned above, a digital filter is selectable from 3 types for PCM signals, and a tone is selectable from 2 types made by the DAC chip-embedded analog FIR filter for DSD signals. As countermeasures against jitter, the jitter of USB signals is reduced by the dedicated DSP via asynchronous communication, the jitter of CD or S/PDIF signals is reduced by the embedded DAIR high-precision clock, and the jitter of SACD signals is reduced by the dedicated jitter reduction chip. In addition, the low phase noise clock module improves the accuracy of the entire signal transmission.

Balanced amplifier circuit

A high-grade analog amplification circuit is necessary to convert playback signals that have been precisely read by the drive mechanism and sophisticatedly digitized into analog signals through the highly precise D/A converter and produce high-quality audio signals finally by the player. D-06u makes the differential output of the D/A converter, PCM1792A, operating at the monaural mode reduce the impedance by the high sound quality buffer circuit with thoroughly balanced configuration (identically configured amplifier x 4 units). This unit powerfully drives the next stage components such as a pre-main amplifier and a control amplifier. The high-inertia power supply system through the regulators and block capacitor with large capacity allocated for each circuit powerfully supports stable operation with sufficient power from Luxman's traditional audio-specific power transformer.

Wide variety of digital input terminals

PCM digital input terminals consisting of 1 channel of coaxial line capable of up to 192 kHz/24 bits and 1 channel of optical line as well as USB port ready for DSD/PCM signals on the rear panel. This unit, therefore, can be a digital center connecting to various digital sources.

A wide variety of digital inputs

The rear panel features a USB input terminal, enabling connection to DSD and PCM sources, one coaxial terminal and two optical connections which can handle signals of up to 192kHz / 24bit resolution, providing the user with ample connections for various digital sources.

Display with zoom mode

The fluorescent display, with its dimmer function, offers excellent visibility and blends beautifully with the luxurious blasted white metallic finish of the front panel. A display zoom mode function is available for easier operation with the remote control at a distance.

Gradation cast-iron feet

In order to suppress external vibration transmitted from the supporting surface and unnecessary vibration generated from within the housing itself, we adopted gradation cast iron feet with a cast-in density gradient, which gradually decreases from the center point towards the outside of the feet.

Comfortable remote control operation

The supplied aluminium remote control facilitates comfortable operation from the ideal listening position. It is a slim remote, which fits easy in hand, equipped with 10 keys, offering excellent operability.

Dane techniczne

Applicable disc 2-channel SACD, CD Supported sampling frequencies 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 (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 kupuj w audioplaza.pl D/A converter Burr-Brown-made PCM1792A (monaural mode) x 2 Output amplifier circuit Fully balanced/high sound quality IC buffer Power consumption 29W 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 Accessories Remote control (RD-21)
Power cable
Install software CD