



SUPER AUDIO CD PLAYERS

D-05U

NEW

The D-05u is the third model with the built in USB-DAC which uses trickle-down technology from the flagship model D-08u and the mid-range model D-06u released last year. LUXMAN's proprietary drive mechanism LxDTM with high rigidity is employed. Two of the Texas Instruments 32 bit DAC PCM1795 were adopted by Luxman to allow fully balanced configuration for the output amplifier circuit. USB input accepts up to 192 kHz/ 32bit PCM, and DSD 5.6 MHz.

The SACD drive (LxDTM) in the D-05u was developed in-house by LUXMAN to assure the best possible performance. Its a derivative design from ultra-massive design first used in the D-08 which combines superior rigidity with outstanding accuracy. Compared to a CD drive, an SACD drive has a higher RPM, and pickup positioning accuracy as well as the suppression of vibrations must be of a higher order, to allow full access to the enormous amount of information stored on the disc.

SPECIFICATIONS

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