LUXMAN

Highly reliable, dedicated CD & digital audio player with fully balanced output circuitry

CD Player D-03X

Model		JAN Code	Finish	Launch date
COMPACT DISC PLAYER	**D-03X**	**495813601053-9**	**Blaster White**	**March, 2020**

D-03X Overview

We are proud to announce the release of our new CD player, the D-03X. This model inherits the basic configuration of the D-05u CD/SACD player, which has been warmly received as a best-selling model since it's release. It is our latest digital media player that supports MQA (MQA-CD/MQA files) *1, a format which has seen an increasing number of titles released in recent years.

The most important features of the CD playback system are our latest design and specifications, with a new steel top plate and a highly reliable, dedicated CD transport mechanism, consisting of an extremely thick aluminum mechanical base and a shielded box chassis, with a loopless structure, to improve accuracy and reduce noise when reading discs.

The D/A converter circuitry features dual Texas Instruments PCM1795 chips to handle high resolution files. The D-03X represents LUXMAN's ideal digital disc player, maintaining accuracy when converting digital signals to high quality analog signals, using independent left and right monaural mode DACs and high-quality output amplification via fully balanced output circuitry.

The USB input supports PCM data up to 384kHz/32bit and DSD files up to 11.28MHz/1bit. The S/PDIF input supports up to 192kHz/24bit digital signals.

In addition to isochronous transfer, the USB input supports Bulk Pet *2 transfer, reducing the load between sending and receiving, expanding the options for high-quality and stable file playback.

MQA-CD/MQA full decoding and file playback is supported. Decoding status (Studio/Blue, Authentic/Green, Renderer/Red Purple) is clearly shown by 3 different colored LED indicators on the display.

The D-03X debuts as our long-awaited digital media player, delivering both high quality CD playback, which is still a major music medium, and diverse, up-to-date digital data playback, in additon to traditional formats.

<div style="color:red; text-align:center">The specifications and appearance are subject to change before the launch of this product.</div>

D-03X Features

■Disc drive mechanism

・Equipped with a highly reliable, dedicated CD transport mechanism, further improved with the addition of a steel top plate, realizing highly accurate and stable digital data reading.

・Compared to a unit-centerd mechanical arangement, our adopted asymmetric left side mechanical layout is excellent, allowing space for the analog circuitry, maintaining quality and the ideal flow of audio signals, vibration reduction and weight balance.

・External vibration is negated by the strong box chassis structure which surrounds the entire mechanism.

■Digital circuitry

・USB input supports PCM data up to 384kHz/32bit and DSD data up to 11.28MHz/1bit.

・S/PDIF input supports PCM signals up to 192kHz/24bit.

・MQA decoding supports full decoding, clearly indicated by three different colored LEDs. In addition, all CD formats are supported・USB・SPDI/F.

・Equipped with a high-precision, low-jitter, low-phase noise clock module that reduces noise around it's oscillation frequency.

・D/A converter uses dually configured Texas Instruments PCM1975 chips.

・Supports Bulk Pet transfer (2 modes) in addition to isochronous transfer, expanding options for high resolution data and stable playback by reducing the workload between reading and reproduction.

■Analog circuitry

・The differential output of the D/A converters in dual monaural mode is passed on to perfectly balanced I/V conversion circuitry (4 identical amplifier modules) and the next stage LPF (low pass filter) amplifier, driving the output powerfully with low impedance.

・The highly stable power supply features a large power transformer feeding each circuit's regulator and blocking capacitors independently.

■Mechanical features

・A composite loopless chassis structure isolates the unit from earth impedance from chassis currents and the influence of generated magnetc fields. The shielded chassis also blocks digital noise.

・18mm gold-plated RCA terminals, compatible with high-performance line cables with large plugs, and high-quality Neutrik XLR terminals,.

■Other features

・Compatible with WAV/FLAC/MP3/DSF/DSDIFF/ALAC/AIFF and LUXMAN Audio Player, our original high-quality music playback software that supports various formats (downloadable for Windows, Mac and HP).

・Flourescent display with various display modes, zoom and dimmer functions, excellent visibility, shining against the fine blasted white finish.

・Comes with an aluminum remote control with a numeric keypad for excellent operability.

D-03X Specifications

Supported media	CD、CD-R、MQA-CD
Digital input/output	Input ：USB x 1、COAX x 1、OPT x 1／Output ：COAX x 1、OPT x 1
Sampling frequency	USB input（PCM）：44.1k、48k、88.2k、96k、176.4k、192k、352.8k、384 kHz（16、24、32bit） USB input（DSD）：2.82M、5.64MHz（1bit）、11.28MHz（1bit） USB input（MQA）：44.1k、48 kHz(24bit)／（MQA renderer mode）：88.2k、96 kHz（24bit） COAX／OPT input ：44.1k、48k、88.2k、96k、176.4k、192kHz（16、20、24bit）
Analog output	Unbalanced x 1, Balanced x 1
Analog output voltage / impedance	2.4 V／300Ω（Unbalanced）、600Ω（Balanced）
Frequency response	CD 5Hz～20kHz（+0、-0.5dB）、USB 5Hz～50kHz（+0、-3.0dB）
Total Harmonic Distortion／S/N ratio（IHF-A）	CD 0.0015%、USB 0.0009%／CD 122dB、USB 123dB
Exterior	[Front panel] Power switch, Play/Pause/Stop/Track forward/Track back, Disc eject key, Disc tray, Output phase inverter, digital input switch (digital output on/off), FL display, MQA decode indicator [Rear panel] Input terminals, AC inlet [Remote functions] Disc eject, Disc operation, numeric keys, Display zoom, time display switch, digital input/output switch, Display dimmer, Output phase inverter, Track program order/random/repeat
Dimension／Weight	440（W）×133（H）×410（D） mm （Including 2mm front buttons & 8mm rear terminals）／13.2kg(Unit)
Power consumption	18W 、1W (at standby）
Accessories	RD-28 Remote controller、Power cable

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※1 MQA is a registered trademark by MQA Limited。 ※2 Bulk Pet is a registered trademark by Interface.　　　　　Ver.20190802

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