



ESOTERIC

K-01XD SE Super Audio CD/CD Player

253650

VRDS-ATLAS SACD transport mechanism + the Master Sound Discrete DAC Esoteric's most iconic digital player, the K-01XD, has evolved into the latest SE model.

PRODUCT DETAILS

Bringing out all the dynamics and energy of music
Our goal was to assemble a carefully selected set of rigorously tested discrete components into a complete circuit that could perfectly reproduce all the dynamics and energy of music – something simply unattainable with ordinary integrated chips. Our top engineering teams put their pride on the line to design and produce a quality of sound that can only be found in our Master Sound Discrete DAC – our in-house developed, discrete ladder DAC.

Luxurious Materials for Pure Performance
The Master Sound Discrete DAC was first introduced in the Grandioso D1X as the most innovative DAC in Esoteric's history, and its stunningly realistic sound quality has consistently garnered rave reviews for making listeners feel as if they are actually at a live performance. The version found in the K-01XD SE uses a simpler circuit configuration that captures the essence of the K1X SE to take the 01 Series to new heights. Consisting of 32 elements per channel, each DAC element contains a clock driver, logic circuit, capacitor, resistor, etc., and all 32 elements are kept isolated from each other to maintain maximum processing precision. In keeping with the D1X SE design philosophy, these DACs are packed with a luxurious selection of state-of-the-art components to ensure the pure, effortless output of boundless musical energy.

Advanced Digital Processing
The K-01XD SE's independently developed delta-sigma () modulator supports 64-bit/512Fs and the latest high-end digital formats, including 22.5MHz DSD and 768kHz PCM signals. The FPGA's dedicated digital processing algorithm has been developed exclusively for the Master Sound Discrete DAC and is fully optimized for superior reproduction of both DSD and PCM digital audio data.

Upgraded with IDM-01 and Other Quality Parts
In the new SE model, the discrete parts of the analog circuitry on the DAC board have been refreshed for even better sound quality. The amplifier element is the original "Integrated Discrete-Amplifier Module IDM-01". The materials, circuit patterns, and layout have been carefully studied by Esoteric's engineers as if designing an amplifier with a discrete configuration, and the extremely short signal path that takes advantage of integrated circuits amplifies the vibrancy of music in a dynamic and subtle way. The IDM-01 and other analog parts, such as analog filter resistors and capacitors, have been carefully selected to achieve a more vivid live sound, improved audible dynamics, and a more organic texture.

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Advanced Quality Control
With a discrete DAC, where component tolerances are directly linked to arithmetic precision, advanced quality control is also required for the manufacture of electronic circuit boards. Esoteric's in-house factory incorporates some of the world's leading PCB manufacturing technologies, such as soldering in an oxygen-free oven located in a clean room with the same level of cleanliness as a hospital operating room. Technologies cultivated in the production of electronic circuit boards for the audio, medical, aerospace, and defense industries support the high production quality of the Master Sound Discrete DAC.

Unique Esoteric-HCLD* Output Buffer Circuit with Enhanced Current Transmission
The Esoteric HCLD Output Buffer Amplifier features an astonishingly fast slew rate of 2,000V/µs. Current transfer and speed-the most important factors for an analog output circuit-have been pushed to the limit to reproduce the reality of music with a truly breathtaking dynamics.

*HCLDHigh Current Line Driver

ES-Link Analog – Esoteric's Proprietary Current Transmission
In addition to line connections (XLR, RCA), ES-Link Analog, Esoteric's proprietary current transmission system, is employed for connection to an amplifier. ES-Link Analog is the ideal method for audio signal transmission. Compared to the conventional voltage transmission, it transmits approximately 100 times more current, making it less susceptible to noise and sending the full energy of the music to the amplifier.
Also, it is not affected by the impedance of the interconnects running between the source device and amplifier, so it maintains a perfect integrity between the output signal of the source and the input signal to the amplifier.

External Input, D/D Conversion & USB Input
In addition to the coaxial and optical inputs, the model also features a USB type-B port that is compatible with 22.5MHz DSD asynchronous signal transmission, allowing it to be used as a stand-alone D/A converter. Functions for upsampling a digital PCM signal to 2/4/8/16× (max. 768kHz) and converting PCM to DSD are provided.

Master Sound Discrete Clock for Digital Player
It is no exaggeration to say that the clock circuitry is the biggest key to high sound quality in digital music reproduction. For its flagship master clock generator Grandioso G1X, Esoteric has perfected its own in-house manufactured OCXO clock module, the Master Sound Discrete Clock. The G1X's unique discrete circuitry has been highly acclaimed for its superior musical expressiveness, creating a buzz in the world of high-end audio that has traditionally been described only in terms of technical specifications.
The "Master Sound Discrete Clock for Digital Player" used in the new SE model applies the basic design concept of G1X's in-house manufactured OCXO module to the internal clock of the digital player models. The unique circuit design using carefully selected discrete components, such as a large crystal oscillator, achieves high sound quality that reflects Esoteric's philosophy in every detail, which cannot be achieved with an off-the-shelf clock module. The new SE model can also be connected to the Esoteric G series external master clock generator to improve sound quality by synchronizing the internal SE clock circuitry to an even more accurate 10 MHz clock.

Included accessories

- Power cord set × 1
- Remote control (RC-1333) × 1
- AA batteries × 2
- Felt pads × 3
- Owner's manual × 1
- Warranty card × 1

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Specs

Product Attributes

EAN:	4907034225316
Manufacturer number:	K-01XD SE
Product weight:	36.9 kilograms
Pieces per master carton:	8 Piece

Energy Management

Input voltage:	220-240
Input AC frequency:	50/60
Power consumption:	2-26

Audio Outputs

Coaxial:	1
Output level & impedance coaxial:	0.5Vp-p (75 loaded), Linear PCM (IEC60958) 44.1kHz,16-bit CD)
RCA:	1
Output level & impedance RCA:	34, max 2.5Vrms (1kHz, 10kHz loaded)
XLR:	1
Output level & impedance XLR:	114, max 5.0Vrms (1kHz, 10k loaded)
ES-link analog:	1
Output level & impedance ESL-A:	114, max 5.0Vrms (1kHz, 10k loaded)
AES/EBU	1
Output level & impedance AES/EBU:	3Vp-p (110 loaded), Linear PCM (AES/EBU) 44.1kHz,16-bit (CD)

Audio Inputs

Coaxial:	1
Optical/Toslink:	1
BNC:	1
Impedance & frequency BNC:	50, 10MHz, 0.5 to 1.0Vrms (Sine wave)
USB-B:	1

Dimensions and Weight

Product height:	16.2
Product width:	44.5
Product length:	43.8
Product weight:	36.9
Packsize height:	39
Packsize width:	66
Packsize length:	66
Packaged weight:	41

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Control Methods

Controls:	On Device Remote Control RS-232

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