



Super Audio CD Player
K-05X



Super Audio CD Player
K-07X

INTRODUCTION

“X” in a model name symbolizes the ultimate advancements of technology, craftsmanship and creative commitment. The K-05 and K-07 have won high acclaim as Esoteric’s core line of all-in-one Super Audio CD players, and their extraordinary ability to reproduce the essential qualities of a musical performance continues to enthral listeners to this day. Now, a new “X” inherits that solid pedigree and further refines these qualities in the new K-05X and K-07X Super Audio CD players. The philosophy and technologies found in these high-end digital players reveal a new dimension of sound appreciation unlike anything you have ever experienced before. Utilizing technologies distilled from Grandioso models, the new X version of K series achieves the absolute pinnacle of sound quality.



TECHNICAL FEATURES

- K-05X: VRDS-NEO (VMK-5) / K-07X: VOSP SACD transport
- Grandioso technology enhancement applied to all electronics circuits
- Super linear / low distortion DAC (4 parallel / differential DAC circuits with 8 outputs)
- 500,000 μ F EDLC (super capacitor) power supply for each channel DAC circuitry
- 34-bit D/A processing algorithm achieves 1024 x higher resolution compared to 24-bit processing
- AK4490 high end premium DAC chipset by AKM
- ESOTERIC-HCLD Type 2 balanced output buffer
- Large, custom power supply transformer (K-05X: toroid core / K-07X: EI core)
- Low phase-noise, high precision VCXO custom clock device
- Clock sync input (BNC x 1) for G-02 Master Clock. (10 MHz / 22 MHz capability)
- 2x / 4x / 8x up-sampling, PCM to DSD format conversion
- 4 types of selectable digital filter (FIR x 2 types, Short Delay x 2 types, and OFF mode)
- DSD 2.8, 192 kHz / 24-bit high rez PCM digital inputs (Coax x 1, Opt x 1)
- DSD 2.8 / 5.6 / 11.2, 352 kHz / 32-bit high rez PCM USB input x 1 (Asynchronous signal transfer)
- ESOTERIC HR Audio Player App is supplied for PC and Mac



SPECIFICATIONS

Compatible Disc Types (playback)	Super Audio CD, CD (including CD-R and CD-RW)	
Analog Audio Outputs	XLR x 1, RCA x 1	
	Maximum output level (1 kHz, full-scale, into 10 kΩ)	XLR: 5.0 Vrms RCA: 2.5 Vrms
	Frequency response	5 Hz to 70 kHz (-3 dB)
	S/N ratio	117dB
	Total harmonic distortion	0.0007% (1 kHz)
Digital Audio Output	RCA x 1, OPT x 1	
Digital Audio Input	RCA x 1, OPT x 1, USB 2.0 x 1	
Clock Sync Input	BNC x 1	
General	Supported input frequencies (±15 ppm)	44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz, 10 MHz, 22.5792 MHz, 24.576 MHz
	Power supply	AC 230 V, 50 Hz / AC 120 V, 60 Hz / AC 220 V, 60 Hz
General	Power consumption	15W (K-05X) / 27 W (K-03X)
	External dimensions (W x H x D, including protrusions)	445 mm x 131 mm x 355 mm (17 1/2" x 5 1/8" x 14 1/8")
	Weight	14 kg (30 7/8 lb)

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