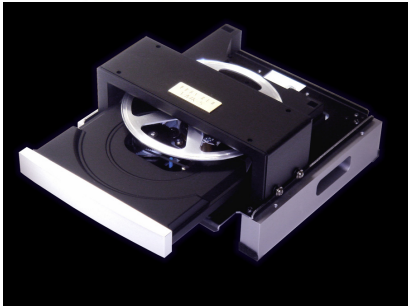


# ESOTERIC

## P-05 CD/SACD transport



VRDS-NEO "VMK-5" mechanism – a completely new development by ESOTERIC, incorporating high reliability and exceptionally quiet turntable rotation. In combination with the P-03 series shaft-mounted pickup system, the "VMK-5" ensures the ultimate in disc-pit traceability!

The VRDS-NEO mechanism in the P-05 is a high performance CD/SACD transport solution

The **P-05** builds upon the success of **Esoteric's model P-70**. This newly developed **VRDS-NEO** model **VMK-5**, (New-Vibration free Rigid Disc clamping System), combines two **ESOTERIC** proprietary technologies; the turntable disc clamping system and the unique **VOSP** (Vertically aligned Optical Stability Platform). The turntable securely clamps the disc and effectively reduces unwanted swing or vibration of the disc. This new turntable is precisely machined from solid aluminum helping to minimize rotational inertia. This extra light turntable design also ensures optimal performance as required for high speed disc rotation. In combination with this turntable system, the **VOSP** mechanism provides extremely accurate data retrieval by positioning the laser optical axis at the very center of the data track. This design eliminates off axis tracking and off axis error correction. Word clock input is included for synchronization with the matching **D-05**, D/A audio converter or with any of **Esoteric's** stand alone master clock generators. Optical tracking and data retrieval is processed by the same pick-up assembly as in the Esoteric model **P-03** audio transport. The **P-05** transport works with CD and SACD software.

### **P-05 Specifications: [System]**

Super Audio CD, CD, CD-R and CD-RW

### **[Digital Audio Output]**

i.LINK (AUDIO) output (6-pin) x 1, i.LINK (AUDIO) output (4-pin) x 1, XLR output x 2 (Use 2 terminals for Dual AES output), RCA coaxial output x 1 [Word Clock] BNC x 1 (44.1 kHz, 88.2 kHz, 100 kHz, 176.4 kHz)

### **[Dimensions]**

(W x H x D); 442 x 126 x 332 mm (17-3/8" x 4-15/16" x 13-1/16")

**[Weight]** 14 kg (30-7/8 lbs)

# ESOTERIC

## D-05 dual mono 32 bit D/A converter



The D-05 is the world's first D/A converter incorporating the "AK4397" Delta-Sigma DAC device. This device has 32 bit processing capability. The "AK4397" was designed combining newly developed high speed / high capacity digital processing components and improved analog processing components providing premium quality sound reproduction.



The D-05 DAC supplies extremely natural and "true-to-life" analog signals to the amplifier by using the latest 32 bit digital to analog converter devices.

The **D-05** is the world's first D/A converter incorporating the "**AK4397**" **Delta-Sigma** DAC device from **AKM Semiconductor, Inc.** This device has full 32 bit processing capability. The "**AK4397**" was designed combining newly developed high speed / high capacity digital processing components and improved analog processing components. This device provides premium quality sound reproduction on a professional level. The "**AK4397**" has a superior and precise D/A conversion capability thanks to its fully extended 32 bit processing throughout all stages, including digital filter and the "**Delta-Sigma,**" modulator. This high performance technology is an evolutionary upgrade path from conventional 16 or 24 bit D/A converters. The **D-05** incorporates dual mono digital and dual mono analog circuits, with dual mono power supply components to achieve extremely high resolution and superior channel separation. This design follows in the footsteps of **Esoteric's D-03** dual mono D/A converter. Word clock input and output is included for use with **Esoteric** transports or stand alone master clock sync generators.

### **D-05 specifications: [Audio features]**

Total harmonic distortion; 0.002%, Freq. response (Super Audio CD); 5 Hz - 50 kHz (+0.5 dB, -3 dB), Signal-to-Noise Ratio (S/N); 112 dB (JEITA) [Input terminals] Digital audio input; i.LINK (AUDIO) terminal (6-pin x1, 4-pin x1), XLR x 2 (Use 2 terminals for Dual AES output), RCA x1, OPTICAL x1 Word clock input; BNC x1 (44.1, 88.2, 176.4, 48, 96, 192, 100 kHz) [Output terminals] Analog audio output; XLR x1 (L/R), RCA x1 (L/R) Word clock output; BNC x1 (44.1, 88.2, 176.4, 48, 96, 192, 100 kHz)

### **[Dimensions]**

(W x H x D); 442 x 124 x 332 mm (17-3/8" x 4-7/8" x 13-1/16")

**[Weight]** 13 kg (28-5/8 lbs). For more information please see [www.teac.com/esoteric/](http://www.teac.com/esoteric/) or contact: [Esoteric\\_info@teac.com](mailto:Esoteric_info@teac.com)