

# EGOTERIC®

## SA-60

CD/SACD/SACD Multi-channel/DVD Audio/CD-R/CD-RW Audio Disc Player



SA-60 rear panel view



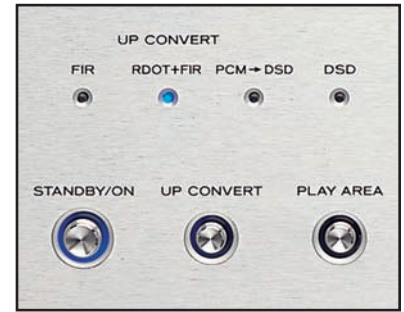
## SA-60 FEATURE HIGHLIGHTS:

- Newly designed proprietary disc transport system, clamp and drive mechanism
- Highly rigid chassis construction with cut aluminum top and side panels
- Highly rigid steel and aluminum isolation plating for superior anti-vibration and anti-resonance properties
- Multi-channel analog audio outputs (For multi-channel SACD and multi-channel DVD-A playback)
- Word synchronization function (Word clock input/BNC terminal x1). Compatible WORD SYNC external clocks include the Esoteric G25U, G-0, G-0s and AZ-1
- Proprietary audio up-conversion technology (up-conversion levels are user selectable)
- Updated High-precision 24-bit D/A converter
- Proprietary filter algorithms used in the audio up-conversion process include Esoteric's Finite-Impulse-Response ("FIR"), and Refined Digital Output Technology ("RDOT")
- Native direct stream digital ("DSD"), mode for SACD playback
- PCM digital audio to DSD audio signal conversion (user selectable)
- Remote control power on/off, remote control power standby
- Esoteric "X-3" technology used in the DV-60 and SA-60 includes the X-3 series horizontal sled and vertical pick-up/optical assembly. This eliminates off axis vertical tracking and the need for off axis error correction.
- Analog audio output: 2 channel RCA outputs (dedicated), plus multi-channel RCA outputs
- Digital audio outputs: Coaxial, Optical/TosLink and i.LINK
- Signal Format Variation: "Stream" or "PCM" audio formats can be selected during SETUP mode
- Independent, high quality, 2 channel balanced audio output connectors
- Audio disc play area selectable from remote control and front panel
- Engineered and manufactured in Japan
- Power Consumption: 28 watts, 2 watts in standby mode.
- Dimensions: 17.4" W x 5.9" H x 13.9" D.
- Weight: Approximately 37 lbs

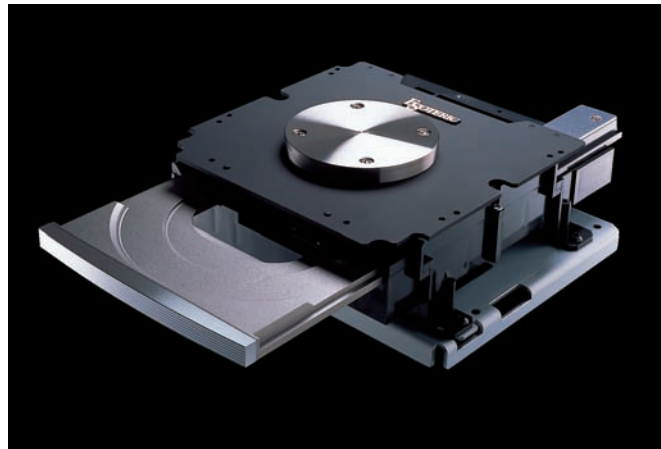
All designs and specifications are subject to change without notice

### AUDIO UP-CONVERSION FUNCTIONS:

- Finite Impulse Response "FIR": 8x
  - ▷  $F_s=44/48\text{Hz} \times 8 = 24\text{bit } 8x$   
(=352/384Hz)
  - ▷  $F_s=88/96\text{Hz} \times 8 = 24\text{bit } 16x$   
(=704/768Hz)
  - ▷  $F_s=176/192\text{Hz} \times 8 = 24\text{bit } 32x$   
(=1408/1536Hz)
- Refined Digital Output Technology "RDOT" + FIR = (24bit-32x over-sampling)
- DSD (1bit-64x)

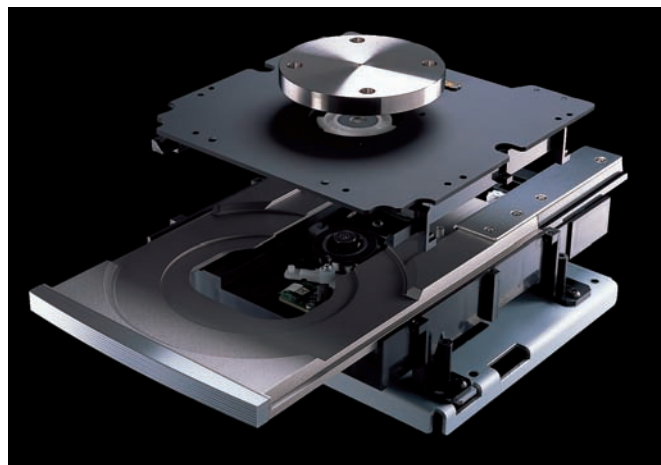


- ⇒ Digital signals are output in their original  $F_s$
- ⇒ SACD DSD signals are directly output without up-conversion (DSD mode)
- ⇒ PCM digital audio can be converted to DSD, user selectable



New disc transport mechanism used in the Esoteric SA-60, DV-60, SZ-1 and UZ-1 players.

The Esoteric "3 series" optical pick up and optical pick up and horizontal sled assembly is now used in the DV-60, SZ-1 and UZ-1.



### Expanded View

Esoteric SA-60, DV-60, SZ-1 and UZ-1 audio disc transport mechanism and clamp

The Relentless *Pursuit* of the Source!

ESO-87255/906/DG1M

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