

# ESOTERIC.

- ⇒ SA-50 – Stand alone DAC with VOSP proprietary CD/SACD disc transport. <http://esoteric.teac.com/dacs/sa-50/>
- ⇒ One device – Four applications:



Conversion settings for CD or "digital inputs," shown in the above photos (CD/Din).  
Photos courtesy of [www.6moons.com](http://www.6moons.com)

## SA-50 - One device – Four applications:

1. **32 bit dual mono stand alone DAC / 32 bit implementation applied in all output stages.**

**Up-conversion options include:** ORG (ORIGINAL): Up conversion is not performed. (With a D/A converter, the digital filter performs 32-bit, 8-times oversampling.)

**2Fs:** When the digital audio signal from a CD or external input is 32/44.1/48 kHz, the input signal is up converted to **64/88.2/96 kHz**.

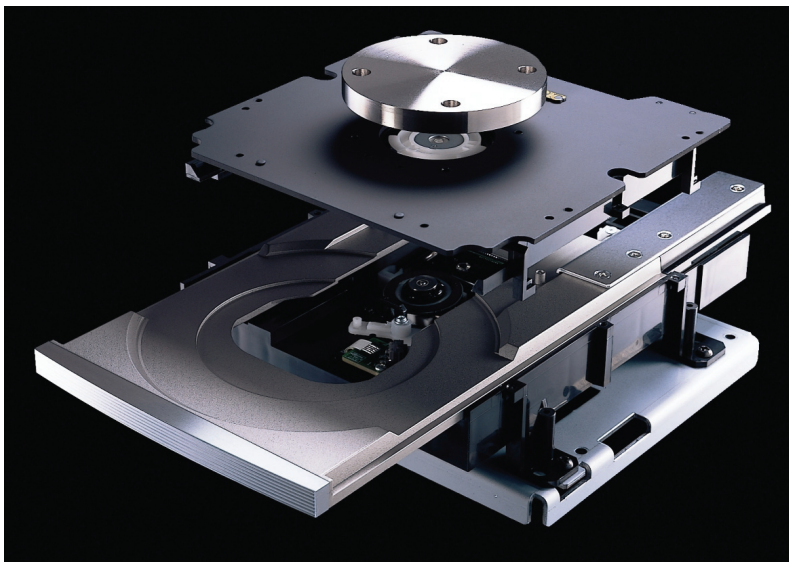
**4Fs:** When the digital audio signal from a CD or external input is 32/44.1/48/88.2/96 kHz, the input signal is up converted to **128/176.4/192 kHz**.

**DSD:** The **PCM digital audio signal from a CD or external input is converted to a DSD signal.** (DSD = Direct Stream Digital).

When “2Fs” or “4Fs” is set and the input signal frequency is the same or higher than the setting, up conversion is not performed.

**DSD signals can also be converted to PCM at 88.2 kHz and 176.4 kHz.**

2. **Built in attenuator for use as a digital pre-amp, direct to an amplifier. Allows 4 source input selection:** (CD/SACD playback, **optical input (24 bit/192kHz)**, **S/PDIF input (24 bit/192kHz)** and **USB input (16 bit/48kHz)**. Compatible w/Windows XP-Vista, (Media Monkey), and Apple OS-X.
3. **Re-clocker includes two (2) jitter algorithms (2nd PLL)**, for little or no jitter artifacts when used with an external digital device
4. **32 bit SACD/CD disc player** using a dual-mono implementation and AKM 32 bit DACs. **AKM digital filter. “S\_DLY” eliminates pre-ringing distortion also know as pre-echo effect, natural attach and reverb. A FIR filter option is also user selectable.**



**VOSP / SACD/CD transport**  
VOSP = vertically aligned optical stability platform. No off axis error correction is required because no off axis data retrieval is allowed.

**EGOTERIC®**