

MOON 300D Digital-to-Analog Converter



Also available with black faceplate

The **MOON 300D Digital-to-Analog Converter** features an exceptionally versatile external interface that allows for use with a computer, via its USB-B input, as well as other digital audio source components such as a music server, digital transport, etc. through either S/PDIF or optical TosLink connectors. Intended to fulfill the demands of the discerning music aficionado, the **300D** will bring new life to all of your digital audio files, regardless of their storage format.

Versatile ... Idyllic... Musical ...

With internal upsampling using 24-bit/352.8kHz processing, the **MOON 300D** will reproduce your digital music in a genuine life-like fashion. This DAC will accept an input signal ranging from 44.1 to 192kHz, with a bit-depth range from 16 to 24-bits. Jitter is a virtual non-issue thanks to our highly regarded proprietary digital clocking system. The back panel features a total of 4 digital inputs (USB, SPDIF x 2, and TosLink) and both balanced (XLR) and single-ended (RCA) analog outputs. The balanced outputs provide a significant improvement in noise floor, dynamics and midrange transparency.

Sonically, it portrays all of the Simaudio hallmarks: clean, powerful, fast and extended bass combined with an open midrange and airy extended high frequencies. Like other MOON series components, the **300D** includes an IR input, an over-built power supply and is housed in an extremely rigid custom-made chassis with a 3/8" brushed and anodized front panel.

Significant Design Features:

- Over-sized power supply with 8 stages of voltage regulation
- Internal upsampling which uses 24-bit/352.8kHz processing
- BurrBrown PCM1793 high-resolution 24-bit/192-kHz D/A and 8X oversampling digital filter
- IR input for external control
- Accurate digital clocking system for exceptionally low intrinsic jitter levels
- Single-ended RCA and Balanced XLR analog outputs
- Advanced analog signal path using a DC servo circuit and proprietary analog filter
- Pure copper circuit board tracings with extremely low impedance characteristics.
- Extremely rigid chassis construction to minimize the effects of external vibrations
- Accurate matching of the very finest high quality electronic components in a symmetrical circuit design
- Designed to be powered up at all times for optimal performance.