



M O O N

Power

Emotion

Soul



100D Digital-to-Analog Converter



The MOON 100D Digital-to-Analog Converter accepts USB, S/PDIF and TosLink inputs. Intended for use with a computer via the USB input, the remaining inputs allow for interfacing with other source components such as a music server, digital transport, etc. All digital input signals are processed through an asynchronous sample rate converter and then 24-bit DACs.

The MOON 100D is housed in a compact chassis constructed of rigid aluminium and features a 1/4" brushed and anodized faceplate. Don't be deceived by its small footprint since trickle-down technology dominates, thanks in no small part to its larger sibling, the 300D ... Amazing things do come in small packages.

Using 24-bit / 1.411MHz processing, the MOON 100D will faithfully reproduce your digital music in an effortless fashion. Accepting an input signal from 44.1 to 192kHz with a bit-depth range from 16 to 24-bits, jitter is a virtual non-issue thanks to the asynchronous operation of this DAC. Sonically, it portrays all of the Simaudio hallmarks: clean, powerful, fast, extended bass combined with an open midrange and airy extended high frequencies.

Significant Design Features:

- An asynchronous sample rate converter
- Power supply with 3 stages of DC voltage regulation
- BurrBrown PCM1793 high-resolution 24-bit/192-kHz D/A and 8X oversampling digital filter
- Accurate digital clocking system for exceptionally low intrinsic jitter levels
- Advanced analog signal path using a DC servo circuit and proprietary analog filter
- Extremely rigid chassis construction to minimize the effects of external vibrations
- Accurate matching of high quality components in a symmetrical circuit design



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