

Nēo

380 D

Digital-to-Analog Converter

Network Player & Digital Preamplifier



The **Nēo 380D** establishes a new standard for high-end, high-performance digital playback. A direct descendent of the evolution Series 650D, the **Nēo 380D** is not only incredibly flexible, but is also ready for the future. Using the latest technologies, the **380D** is actually more dynamic than the human ear can perceive. It will recover and deliver to you, musical detail you that previously thought was simply not there.

Fitted with virtually every kind of digital input you will ever need, the **Nēo 380D** also is available with options, to enhance its flexibility even further, and can be included at the time of purchase or added later on. Our MiND technology is offered as an option for those who have already embraced network playback of a musical library, which is a rapidly growing and increasingly desirable method of managing and listening to your music.

For those individuals whose music comes purely from digital sources, an optional balanced preamplifier section with its own volume control is offered, allowing for direct connectivity of the **Nēo 380D** to a power amplifier. This effectively minimizes the number of required components to achieve high-performance music playback.

Of course, key features you'd expect in a **MOON Nēo Series** product are present such as SimLink™, RS-232 and IR ports for custom-install environments.

Significant Design Features:

- ▲ Fully asynchronous DAC supports DSD up to DSD256 (USB only) and PCM up to 384kHz (32-bit on USB only).
- ▲ 8 digital inputs (AES/EBU x 2, S/PDIF x 3, TosLink x 2 and USB x 1) allowing for a connection to virtually any digital source, along with one S/PDIF digital output.
- ▲ Full digital monitor loop on S/PDIF to accommodate external devices such as a room correction component.
- ▲ Our own "Dual Jitter Control System" produces a virtually jitter-free digital signal for ultra-low distortion, ensuring compatibility with any connected digital device.
- ▲ The analog stage is a fully balanced differential circuit for increased dynamic range and headroom, higher resolution, as well as improved signal-to-noise ratio.

Specifications:

Frequency response (full range)	2Hz - 100kHz	+0/-3dB
THD @ 1kHz, OdBFS (A-weighted)		< 0.001%
Intermodulation distortion		< 0.001%
Dynamic Range		> 120dB
Signal-to-noise Ratio		> 120dB @ full output
Channel Separation		> 116dB
Intrinsic Jitter		1 picosecond RMS
Bit-depth range		16 - 32 bits
Sampling rate frequency range		44.1 - 384kHz
Analog output impedance		100Ω
Shipping weight		16 lbs / 7.5 Kgs
Dimensions (width x height x depth)		16.9 x 3.5 x 13.1 in. 42.9 x 8.9 x 33.3 cm.

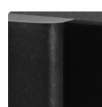


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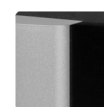
Available Finishes



Black



Silver



2-Tone

