

Nēo

280 D

Digital-to-Analog Converter

Network Player & aptX® Bluetooth Support



Imagine a world of music right at your fingertips. The **Nēo 280D** makes this a reality. Simply launch your favorite music services app on your smart device and pair it to the **Nēo 280D** using Bluetooth technology. Then sit back and enjoy the music.

The extraordinary digital engine within the **Nēo 280D** decodes native DSD up to DSD256, as well as PCM up to 32-bit/384kHz, including DXD. The fully balanced analog stage features an exceptional DC servo circuit and proprietary 3rd order filter for lifelike transparency. The result is a level of fidelity that creates an emotional connection to your music.

Adding the optional MiND module provides convenience and a full graphic interface, allowing you to effortlessly access your digital music library with power and flexibility. Which ever way you use the **Nēo 280D**, we are convinced that it will become the center of your musical pleasure.

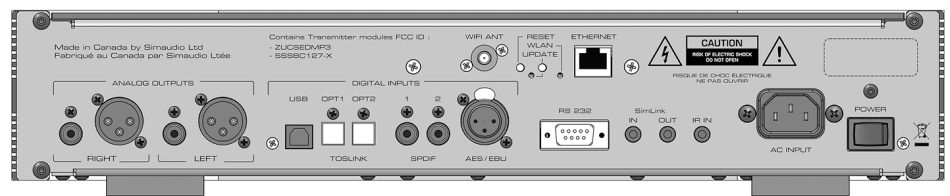
Of course, key features you'd expect in a **MOON Nēo Series** product are present such as SimLink™, RS-232 and IR ports for custom-install environments.

Significant Design Features:

- ▲ Fully asynchronous DAC supports native DSD64, DSD128 and DSD256 (USB only) and PCM up to 384kHz (32-bit on USB only).
- ▲ 7 digital inputs (AES/EBU x 1, S/PDIF x 2, TosLink x 2, USB x 1 and Bluetooth x 1) allowing for a connection to virtually any digital source.
- ▲ aptX® support allows for better quality audio over Bluetooth.
- ▲ Front panel LED indicators for (i) input signal PCM sampling & DSD rates and (ii) active input.
- ▲ Optional 8th digital input through our MiND streaming module (via WiFi or Ethernet).
- ▲ 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.

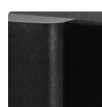
Specifications:

Frequency response (full range)	2Hz - 100kHz	+0/-3dB
THD @ 1kHz, OdBFS (A-weighted)		< 0.001%
Intermodulation distortion		< 0.002%
Dynamic Range		> 120dB
Signal-to-noise Ratio		> 118dB @ 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 3.4 x 13.1 in. 42.9 x 8.6 x 33.3 cm.




M O O N
MUSICAL ECSTASY
simaudio.com

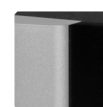
Available Finishes



Black



Silver



2-Tone

