280D
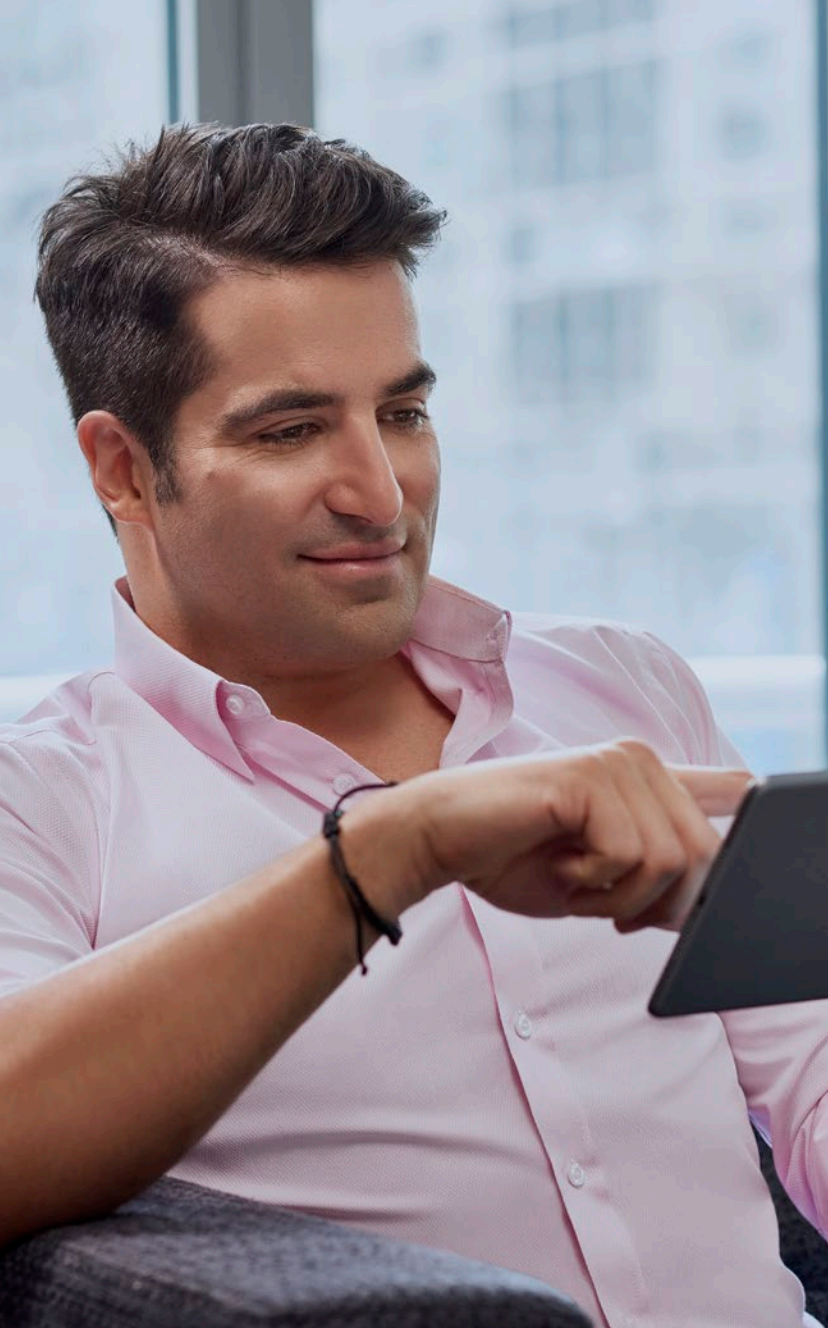
DAC with MiND 2 streamer

MOON
by SIMAUDIO

280D

Streaming DAC

Imagine a world of music right at your fingertips. The MOON 280D makes this a reality. Simply launch your favorite music using the built-in MiND 2. You can also connect your computer via USB to the 280D. The extraordinary digital engine inside the MOON 280D decodes native DSD up to DSD256, as well as PCM up to 32-bit/384kHz, including DXD. The fully-balanced analog stage features high-end componentry and electronic design for lifelike musical accuracy and transparency.

- 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 Qualcomm® aptXTM audio for Bluetooth® x 1) for use with virtually any digital source.
- Front panel LED indicators for (i) input signal PCM sampling & DSD rates and (ii) active input.
- 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

THD @ 1 kHz, 0 dBFS (A-weighted)	0.001%		Intrinsic Jitter	1 picosecond RMS
Intermodulation distortion	0.002%		Analog Output @ 0 dBFS	2.0 V – Fixed Level
Dynamic Range	120 dB		Analog output impedance	100 Ω
Signal-to-noise Ratio	118 dB		PCM Bit-depth range	16 - 32 bits
Channel Separation	116 dB		PCM sampling frequency rates	44.1 - 384 kHz
Frequency response (full range)	2 Hz - 100 kHz +0/-3 dB		DSD sample rates	DSD64, DSD128 & DSD256
Shipping weight	16 lb / 7.5 kg		Dimensions (width x height x depth)	16.9 x 3.4 x 13.1 in 42.9 x 8.6 x 33.3 cm