

# 780D v2

Network Player/DAC



M O O N  
by SIMAUDIO



# 780D v2

## Network Player/DAC

Being moved by the emotional power of music is a feeling one must experience to fully understand. The MOON 780D v2, along with the built-in MiND 2 streaming module, redefines this experience by elevating it to an all-new level through the use of a fully balanced dual-mono design using 32 unique DAC circuits in total. The 780D v2 can decode virtually all digital audio formats (MQA, PCM 32-bit / 384 kHz, and native DSD up to DSD256). The 780D v2 will unleash dynamics and recover fine detail in your music that you never thought existed before.

- Roon Ready device;
- MQA decoding from all digital inputs;
- 9 digital inputs : USB, AES/EBU, SPDIF, Optical, Ethernet, Wi-Fi and aptX™ audio for Bluetooth®;
- Power supply using new MOON Hybrid Power (MHP) for exceptionally stable, ultra low noise DC output;
- Femto second clock resulting in much lower jitter and consequently lower distortion;
- 12 stages of DC voltage regulation which includes 2 stages of M-LoVo (MOON Low Voltage Regulation) and 4 stages of i2DCf (Independent Inductive DC Filtering);
- On-board programmable software for customization of the end-user interface.

## Specifications

THD @ 1 kHz, 0dBFS (A-weighted)	0.0001 %	Analog Output @ 0dBFS	2.0V
Intermodulation distortion	0.0001 %	Analog output impedance	100Ω
Dynamic Range	124dB	PCM Bit-depth range	16-32 bits
Signal-to-noise Ratio	124dB @ full output	PCM sampling frequency rates	44.1-384 kHz
Channel Separation	120 dB	DSD sample rates	DSD64, DSD128 & DSD256
Frequency response (full range)	2Hz-100kHz +0/-3dB	Intrinsic Jitter	150 femto seconds RMS
Shipping weight	42lb/19kg	Dimensions (width x height x depth)	18.75 x 4.0 x 16.8 in 47.6 x 10.2 x 42.7 cm



Available Finishes  Black  2-Tone  Silver

DSD DXD Bluetooth MiND Qualcomm aptX MHP

MQA DEEZER TIDAL qobuz roon ready