



Pre-Amplifier

Analog Input	Balanced X 1, Unbalanced X 1
Analog Output	Balanced X 1, Unbalanced X 1
Residual Noise	< 2uV (-114dBV) (20Hz~20KHz, non-weighted, input terminated)
Input Overload	16V (balanced), 8V (unbalanced)
Input Impedance	100Kohm
Output Impedance	200 ohm (balanced), 100ohm (unbalanced)
Maximum Output	16V (balanced), 8V (unbalanced)
Frequency Response	+/-0.1dB, 20Hz~20KHz
THD+N	< 0.001% (-100dB) (20Hz ~ 20KHz non-weighted)
Signal To Noise Ratio	> 110dB, 20Hz~20KHz non-weighted
Crosstalk	< -120dB
Volume	precision resistor array, 140 steps by 0.5dB/step, -64db to +6dB
Headphone Amplifier	audio jack X 2 (unbalanced X 2), XLR-3 X 2 (balanced X 1), XLR-4 X 1 (balanced X 1)

DAC

Digital Inputs	USB X 1, Asynchronous Audio Class 2.0 SPDIF RCA X 1, AES XLR X 1, TosLink X 1, I2S X 1 (HDMI, differential)
Sampling Rate	PCM, up to 192Ksps, 24 bits DSD, up to DSD256 (USB), DSD64 (all other inputs)
Frequency Response	+0dB, -0.5dB, 20Hz ~ 20KHz
Full Scale Output	2V (unbalanced), 4V (balanced)
THD+N	< 0.001% (-100dB) (192Ksps, 24-bit, 20Hz ~ 20KHz, A-weighted)
Signal To Noise Ratio	> 110dB, 24-bit, 20Hz~20KHz, A-weighted
DAC	24-bit DAC X 2, up to 192Ksps, 24-bit
Digital Filter	COS proprietary, linear phase delay
Audio clock jitter	< 0.1ps

Phono-Amplifier

Gain	40, 50 or 60dB
Input Resistance	47Kohm to 10ohm
Input Capacitance	0 to 750pF
RIAA response	<+/-0.2dB/20Hz~20KHz
Residual Noise	<30uV (input shorted, 40dB gain, 20Hz~20KHz) <300uV (input shorted, 60dB gain, 20Hz~20KHz)
THD+N	< -90dB (40dB gain, 470ohm load, 1KHz, 2Vrms output) < -70dB (60dB gain, 470ohm load, 1KHz, 2Vrms output)

Streaming

DLNA 1.5 & UPnP AV1.0
Ethernet 10/100 Base-T
WiFi, 802.11 ac/abgn
ROON ready
TIDAL, Deezer, Qobuz, Spotify
MQA full decoding

General

Display	256 * 64 White OLED
Weight	10kg
Dimension	415mm (W) X 280mm (D) X 100mm (H)
Power	100~120VAC or 200~240VAC selectable Normal Operation < 50W, standby < 0.5W



www.cosengineering.com

D10

**Streaming DAC
+ Pre-Amplifier
+ Headphone Amplifier
+ Phono-Amplifier**



D10 is a 'dream gear' for your beloved sonic pleasure. It is a DAC, a pre-amp, and a headphone amp, well built with streaming capability. Yes, the same spacious, supple and dynamically powerful sound that COS products have been offering. D10 is also a phono amp, one that delivers from your preferred vinyls luscious vibes.





COS ALGORITHM, BUFFER and RE-CLOCKING

COS proprietary algorithm with a linear-phase delay FIR filter can up-sample original data to 176.4K or 192K. D10 stores digital data in a one-second buffer before converting to analog signals, under the coordination of a crystal oscillator with a jitter precision less than 1ps and a dedicated re-clocking circuitry.



Headphone Amplifier

D10, capable of driving headgear of high and low impedance, has a pair of 3-pin XLR connectors that accommodate 2 unbalanced headphones or 1 balanced one. An extra 4-pin XLR connector is ready for a balanced headphone.

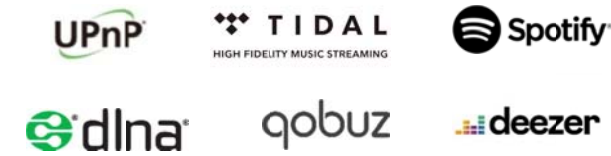
DUAL POWER SUPPLY

D10 uses two-stage regulation to provide clean power. Two toroid transformers power the digital circuit and the analog circuit separately, thereby eliminating possible interferences.



STREAMING (optional)

Stable and quality streaming is available, with or without a wire, for TIDAL, Spotify, Deezer, and Qobuz. Setup is easy with iOS and Android applications. The streaming module in D10 takes care of MQA decoding.



TWO-LAYER HOUSING

D10 has an NCT internal chassis and an aluminum exterior. This design provides a fortified frame that make possible lowered noise and minimized interference.



PHONO-AMPLIFIER (optional)

There are 5 loading resistors and 3 loading capacitors, all selectable, to accommodate phono cartridges of your choice. Other features include JFET input stage, on-board low-noise linear regulator, and handpicked components for RIAA curve matching and zero capacitor between audio signal paths. Extremely low in noise and distortion.

REMOTE CONTROL

Stylish, ergonomic, one of its own kind

