



Find Your ZEN

A gorgeous DAC/headphone amplifier to chillout to.
At home or the office.
Connect to your Mac or PC
the superior sound.

ifi

ifi-audio.com

ZEN DAC v2

- Get a major uplift in music enjoyment with the **ZEN DAC V2**.
- Headphone joy. Work or play, connect via USB to your computer/laptop and stream Bit Perfect audio through your iEMs/headphones or active speakers.
- Multi-talented. Use **ZEN DAC V2** as a pre-amp by hooking up the balanced 4.4mm output at the rear via XLR to a balanced amplifier/active speaker.
- Now using the 16 core XMOS Chip which allows the product to fully decode MQA and run DSD256 on the same firmware due to the extra processing power of the chip.
- New and improved low jitter clock with >20dB better performance.

Specifications

Digital

Input USB3.0 B Socket (USB2.0 compatible)
Formats 44.1/48/88.2/96/176.4/192/352.8/384 PCM
 2.8/3.1/5.6/6.2/11.2/12.4 MHz DSD
 353/384 kHz DXD
 MQA

DAC Bit-Perfect DSD & DXD DAC by Burr-Brown

Formats: PCM / Bit Perfect DSD & DXD
Digital inputs: USB3.0 type B (USB2.0 compatible)
Analogue outputs: 6.3mm unbalanced / 4.4mm balanced / RCA
PowerMatch: matches headphones' impedance & sensitivity
TrueBass: adds back the lost bass response
Volume control: Precision analogue volume control

Line Section

Output
 Balanced: 2V/6.2V max. (variable) 4.2V (fixed)
 UnBLA: 1V/3.3V max. (variable) 2.1V (fixed)
Zout
 Balanced: <= 200Ω
 UnBLA: <= 100Ω
SNR < -116dB(A) @ 0dBFS (UnBAL/BAL)
DNR > 116dB(A) @ -60dBFS (UnBAL/BAL)
THD+N < 0.0015% @ 0dBFS (UnBAL/BAL)

Headphone Section

Output
 Balanced: 2V/6.2V max. (variable) 12Ω - 600Ω
 UnBLA: 1V/3.3V max. (variable) 12Ω - 300Ω
Power
 Balanced: >380mW @ 50Ω; >70mW @ 600Ω
 UnBLA: 1V/3.3V max. (variable) 12Ω - 300Ω
SNR: >113dBA (3.3V UnBAL / 6.2V BAL)
Impedance: <1Ω (UnBAL/BAL)
THD+N: <0.005% (125mW @ 32Ω)
Power consumption: No Signal ~0.5W
 Max Signal ~2.5W
Dimensions: 158 x 117 x 35 mm / 6.2" x 4.6" x 1.4"
Weight: 800 g (1.8 lbs)
Warranty: 12 months

Features

