



ifi

ZEN DAC



Hi-res DAC amp

ZEN

Find your inner calm with the iFi ZEN series

ZEN DAC

Upgraded Version

Find your zen

- Get a major uplift in music enjoyment with the ZEN DAC.
- 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 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.

FEATURES:

- Formats: PCM/Bit Perfect DSD & DXD
- Digital inputs: USB3.0 (USB2.0 compatible)
- Analogue outputs: 6.3mm Unbalanced/4.4mm Balanced/RCA
- PowerMatch adjustment for IEMs/On & Over Ears
- TrueBass to add bass to IEMs
- Precision analogue volume control

SPECIFICATIONS:

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

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

Line Section

Output:
 Balanced 4.4mm: 2V / 6.2V max. (variable) 4.2V fixed
 UnBAL RCA: 1V / 3.3V max. (variable) 2.1V fixed

Zout:
 Balanced: <= 200Ω
 UnBAL: <= 100Ω
SNR: <-116dB(A) @ 0dBFS (UnBAL/BAL)
DNR: >116dB(A) @ -60dBFS (UnBAL/BAL)
THD+N: <0.0015% @ 0dBFS (UnBAL/BAL)

Headphone Section

Output:
 Balanced 4.4mm: 2V / 6.2V max. 12Ω - 600Ω
 UnBAL 6.3mm: 1V / 3.3V max. 12Ω - 300Ω

Output Power:
 Balanced: >380mW @ 50Ω; >70mW @ 600Ω
 UnBAL: >280mW @ 32Ω; >36mW @ 300Ω

Output Impedance: <1Ω (UnBAL/BAL)
THD+N: <0.005% (125mW @ 32Ω)
SNR: >113dB (3.3V UnBAL / 6.2V BAL)

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: 491 g (1.08 lbs)

Warranty period: 12 months
 Specifications are subject to change without notice.



S/N: