



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

- Find your Yin-Yang balance. Enjoy the benefits of the unique balanced amplification design.
- Begin your esoteric transformation. Find your inner-peace with DSD256 resolution.
- Improve your well-being. **ZEN DAC** supports bit-perfect, hi-res audio.
- ZEN out in style. Sound gets clearer, more expansive yet more intimate with MQA file decoding.
- Hear the difference. Connect **ZEN DAC** to your home system, amplifier or active speakers.
- Discover true clarity with PowerMatch® and TrueBass®.

Specifications	Digital Input	USB3.0 B Socket (USB2.0 compatible)
	Formats	44.1/48/88.2/96/176.4/192/352/384 PCM 256 DSD (11.2/12.4 MHz) 252/284 kHz DXD MQA
	DAC	Bit-Perfect DSD & DXD DAC by Burr-Brown®
Features	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
	Variable/fixed volume:	determines if analogue volume control is used

Line Section	
Output	Audio RCA (UnBAL) 2.1V fixed 1V / 3.3V max. (variable) 4.4mm Pentaconn (BAL) 4.2V fixed 2V / 6.2V max. (variable) 2V / 6.2V max. (variable)
Zout	<= 100 Ohm (UnBAL) <= 200 Ohm (BAL)
SNR	< -116dB(A) @ 0dBFS (UnBAL/BAL)
DNR	> 116dB(A) @ -60dBFS (UnBAL/BAL)
THD+N	< 0.0015% @ 0dBFS (UnBAL/BAL)

Headphone Section	
Output	6.3mm (UnBAL) 1V / 3.3V max. (variable) 12 Ohm - 300 Ohm headphone 4.4mm Pentaconn (BAL) 2V/6.2V max. (variable) 12 Ohm - 600 Ohm headphone
Output Power	UnBAL: > 280mW @ 32R, > 36mW @ 300R BAL: > 380mW @ 50R, > 70mW @ 600R
Impedance	< 1 Ω (UnBAL/BAL)
THD & N	< 0.005% (125mW @ 32R)
SNR	> 113dB(A) (3.3V UnBAL / 6.2V BAL)
Power	< 1.5W
Dimensions	158(l) x 117(w) x 35(h)mm
Weight	491g (1.08 lbs)
Warranty	12 months

