ZEN DAC Signature Lowdown

ZEN DAC Signature

SPECIAL BY DESIGN

- Premium version of the WHAT Hi-Fi 5 star winning ZEN DAC
- Enhanced, purist audiophile design
- End-to-end True Differential balanced circuitry
- Premium parts selection inspired by £3000 Pro range

FEATURES

- Fully balanced 4.4mm output desktop DAC/ preamp
- Full MQA renderer up to 32bit/384kHz PCM and DSD256
- Boutique high end components
- Simple functionality

HI-RES USB DAC

Bit-perfect DSD and DXD by Burr Brown

- PCM - 44.1 / 48 / 88.2 / 96 / 176.4 / 192 / 384 kHz,
- DSD - 2.8 / 3.1 / 5.6 / 6.2 / 11.2 / 12.4 mHz
- DXD - 353 / 384 kHz
- MQA Renderer

PRO SERIES | TRUE DIFFERENTIAL BALANCED CIRCUIT

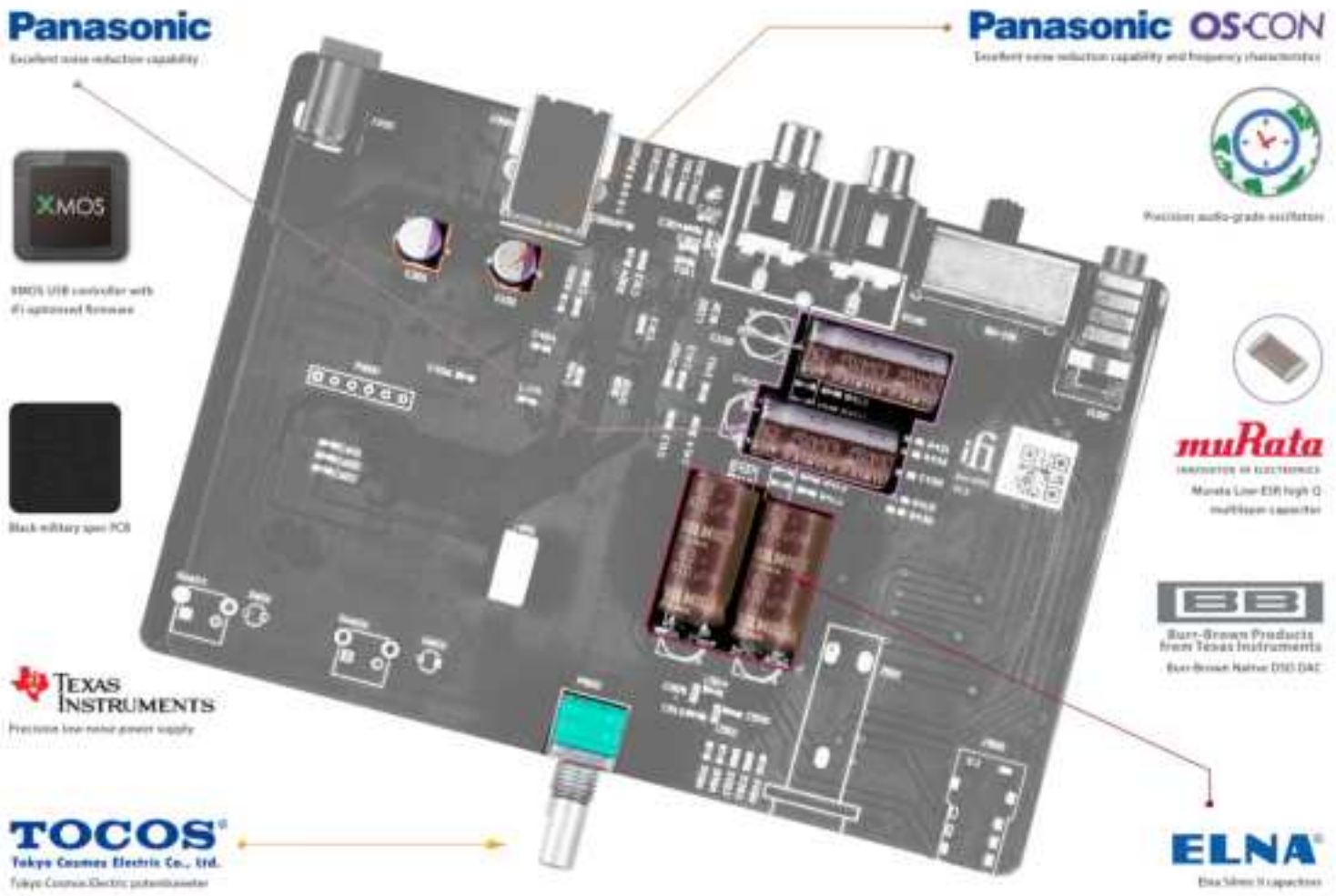
- Fully symmetrical dual-mono signal stage
- Gold plated 4.4mm balanced connection
- SNR = <-117 db(a) @ 0dbfs (BAL/SE)

ANALOGUE VOLUME CONTROL | FIXED OR VARIABLE

'Variable' – use this setting if you wish the ZEN DAC Signature to control the volume of powered speakers or its volume as a preamp.

‘Fixed’ - use this setting if using with downstream equipment with their own volume control. This will bypass the ZEN DAC Signature as if there was a ‘straight wire’ from the digital source to the analogue amplifier.

SUPERIOR DESIGN AND COMPONENTS



CONNECTIONS

**Do not use a power supply higher than 5V*

SPECIFICATIONS

Input	USB3.0 B Socket (USB2.0 compatible)
Formats	44.1/48/88.2/96/176.4/192kHz PCM
	2.8/3.1/5.6/6.2/11.2/12.4MHz DSD
	352.8/384KHz DXD
	MQA
DAC	Bit-Perfect DSD & DXD DAC by Burr Brown

ZOUT	
Balanced	<= 200 Ohm
SE	<= 100 Ohm
SNR	<-117 dB(A) @ 0dBFS (BAL/SE)
DNR	>117 dB(A) @ -60dBFS (BAL/SE)
THD+N	<0.0011% @ 0dBFS (BAL/SE)

Power consumption	5V / 174ma, P = 0.887W (on idle using included iPower)
Dimensions	117 (L) x 100 (W) x 30 (H) mm
	4.6''(L) x 3.9"(W) x 1.2"(H)
Weight	0.75kg / 1.65lbs

OUTPUTS	
Balanced 4.4 mm	2V-6.2V max. (variable)/4.2V (fixed)
RCA (SE)	1V-3.3V max. (variable)/2.1V (fixed)

ABOUT iFi

iFi audio is part of AGL and is headquartered in Southport, UK. It owns the hifi brand Abbingdon Music Research (AMR). They respectively design and manufacture portable and desktop 'ultra-fidelity' audio products and high-end audio 'home-based' components. The combined in-house hardware and software development team enables iFi audio and AMR to bring to market advanced audio products.

For further information, please contact

comms@ifi-audio.com

+44 (0) 1704 543 858

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