



ifi Hi-rec ZENDAC User Guide

[Home](#) » [ifi](#) » ifi Hi-rec ZENDAC User Guide 

ifi Hi-rec ZENDAC User Guide



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.

Contents

- [1 FEATURES:](#)
- [2 CONTENTS](#)
- [3 SPECIFICATION](#)
- [4 Documents / Resources](#)
- [5 Related Posts](#)

FEATURES:

- Formats: PCM/Bit Perfect DSD & DXD

- Digital inputs: USB3.0 (USB2.0 compatible)
- Analogue outputs: 6.3mm Unbalanced/4.4mm Balanced/RCA
- Power Match adjustment for iEMs/On & Over Ears
- True Bass to add bass to iEMs
- Precision analogue volume control

CONTENTS

- 1 x ZEN DAC V2
- 1 x USB3.0 Cable
- 1 x RCA Cable
- 1 x 3.5 to 6.3 mm adapter
- 1 x User Manual
- 1 x Instruction card

SPECIFICATION

- **Input voltage:** DC 5V/2.5A
- **Input:** USB3.0 B Socket (USB2.0 compatible)

Formats	44.1/48/88.2/96/176.4/192/352.8/384kHz PCM 2.8/3.1/5.6/6.2/11.2/12.4MHz DSD 353/384KHz DXD MQA
DAC: Line Section Output	Bit-Perfect DSD & DXD DAC by Burr Brown
Balanced 4.4mm	2V / 6.2V max. (variable) 4.2V fixed
UnBAL RCA	1V / 3.3V max. (variable) 2.1V fixed
Zout	$\leq 200\Omega$ (BAL) / $\leq 100\Omega$ (UnBAL)
SNR	-116dB(A) @ 0dBFS (BAL/UnBAL)
DNR	>116dB(A) @ -60dBFS (BAL/UnBAL)
THD+N:	<0.0015% @ 0dBFS (BAL/UnBAL)
Headphone Section	
Balanced 4.4mm:	2V / 6.2V max. $12\Omega - 600\Omega$
UnBAL 6.3mm:	1V / 3.3V max. $12\Omega - 300\Omega$
Output Power:	1Ω
Balanced	>380mW @ 50Ω ; >70mW @ 600Ω
UnBAL	>280mW @ 32Ω ; >36mW @ 300Ω
Output Impedance:	<1 Ω (BAL/UnBAL)
THD+N:	<0.005%(125mW @ 32Ω)
SNR:	>113dBA (6.2V BAL / 3.3V UnBAL)
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:	2 months

Here scan QR Code:



ZEN DAC

Documents / Resources



[ifi Hi-rec ZENDAC](#) [pdf] User Guide
Hi-rec ZENDAC

Manuals+.