85.0 mm | 89.0 mm | 85.0 mm | 89.0 mm | 13.0 mm

204 mm

Hi-Res

Finale

iDSD

USB DAC Head amp

DSD512/PCM 768kHz/MQA

Balanced Performance

S-Balanced ciruitry

MQA

Hi-Res Audio Streaming

headamp turbo

Headamp Turbo* 10V/4,100 mW to drive ANY headphone

Burr Brown MultiBit

Burr-Brown® chipset True Native DSD512 Bit-Perfect DXD/PCM

Finale

iDSD

At the heart of **iFi micro iDSD Finale** beats the specially selected DSD1793 Burr Brown True Native chipset in a dual-core configuration, treating you to the ultra-high-resolution, native DSD512 decoding, that is second to none.

Thanks to S-Balanced 4.4mm (4,100mW) outputs the powerful **micro iDSD Finale** drives ultra-sensitive in-ear monitors just as well as the most demanding over-ear planar headphones with an unswerving authority.

A moment to remember with the ultra-low noise High-Bandwidth PSRR, advanced BiCMOS process and a PMOS pass device creating excellent transient response and PSRR performance.

Feel the quality with the iFi-designed, cutting-edge technological innovations such as Direct-Drive and Headamp Turbo and the upgraded XBass+, 3D+, Digital Filter (GTO), iEMatch circuits.

Matching Bi-polar transistors welcome you to the dangerously addictive symphony of natural sound with extraordinary low distortion (THD + N: 0,0000016%). Equipped with the iFi custom ultra-low noise OV2028 Op-amps the **micro iDSD Finale** will take your music to the sonic stratosphere.

micro iDSD Finale* versus other leading DSD DACs

micro iDSD Finale	**Octa-Speed DSD512**
Others	**Quad-Speed DSD256**

micro iDSD Finale* versus other leading PCM DACs

micro iDSD Finale	**Double-DXD/PCM 768kHz**
Others	**HD/384kHz**

TECHNOLOGIES

- Octa-DSD512/PCM768 and 2X DXD.
- S-Balanced 4.4mm output with (4,100mW).
- Zero Jitter/Femto clock system upgraded for lower phase-noise/jitter.
- Analogue section upgraded with iFi custom ultra-low noise Op-Amp Ov2627.
- Performance-tuned 3D+ and XBass+.
- Dual-Core Native DSD/PCM Burr-Brown chipset.
- Performance boosting Direct-Drive and Headamp Turbo.
- Digital engine upgraded with iFi custom ultra-low noise Op-Amp Ov2028.
- Ultra-low impedance OS-CON polymer capacitors and Panasonic audio-grade ECPU film capactiors.
- Turbo/Normal/Eco modes.

CONTENTS

- micro iDSD Finale
- 6.35 to 3.5mm adapter
- Charging case
- USB3.0 Cable
- Square to Round Fiber optic conversion head
- 2RCA to 2RCA Cable
- USB-A to USB-C Cable
- Quick start card
- RCA Cable
- USB-A to USA-B adapter
- Instruction card

SPECIFICATIONS

Digital Inputs:	USB3.0 type A "OTG" Socket (USB2.0 compatible/with iPurifier technology built-in) S-PDIF (3.5mm coaxial/optical)
Output:	S-Balanced 4.4mm / UnBAL 6.3mm/RCA
DAC section	
DAC:	Bit-Perfect DSD & DXD, PCM DAC by Dual-core Burr Brown
Clock:	Ultra low jitter GMT Femtosecond Clock
Formats:	DSD 512 / 22.6MHz PCM 768 kHz MQA Full Decoder
Filters:	
DSD	Extreme/Extended/Standard Bandwidth
PCM	Bit-Perfect/Minimum-Phase/Standard
DXD	Bit-Perfect Processing
Line Output	
DNR:	>117db(A)
THD + N:	<0.003% @ 0dBFS
Output Voltage:	>2V
Output Impedance:	<240Ω
Jitter (correlated):	Below AP2 test set limit
Headamp Section	
Headphone Power Output	
Turbo mode	**Power (max)** 10.0V/4,100 mW **Power (continuous)** >1,560 mW @ 64Ω >166 mW @ 600Ω > 100 mW @ 300Ω > 950 mW @ 32Ω >250 mW @ 16Ω
Normal mode	5.5V/1,900 mW
Eco mode	2.0V/500 mW @ 8Ω
DNR:	>115dB(A) (Eco Mode, 2V Out)
THD + N:	< 0.008% @ 500mW/16Ω
Output Voltage:	>10V (Turbo Mode)
Output Impedance:	<1Ω (iEMatch not engaged)
Maximum Output Power:	4,100 mW @ 16Ω Load
Continuous Output Power:	1,000 mW @ 64Ω Load
Battery:	Lithium-polymer 4800mAh
Power System:	Charging via USB-C, BC V1.2 compliant up to1500mA charging current
Dimensions:	172 x 65 x 27 mm (6.8" x 2.6" x 1.1")
Net Weights:	295 g (0.65 lbs)
Limited Warranty:	24 months*

**24 months typical or as permitted/required by local reseller laws.*
***Specifications are subject to change without notice.*

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S/N

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Ver1.0

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