

85.0 mm
89.0 mm
85.0 mm
89.0 mm
13.0 mm

204 mm



**Signature
iDSD**

USB DAC Head amp
DSD512/PCM 768kHz/MQA

Burr-Brown MultiBIT

Burr-Brown® chipset
True Native DSD
Bi-Perfect DSD/PCM

Balanced Performance
S-Balanced circuitry

MQA
Hi-Res Audio Streaming

headamp turbo
Headamp Turbo®
10V/4,100 mW to
drive ANY headphone

Signature iDSD

At the heart of iFi micro iDSD Signature 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 Signature drives ultra-sensitive in-ear monitors just as well as the most demanding over-ear planar headphones with an unwavering 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: 0.00060%). Equipped with the iFi custom ultra-low noise OY2028 Op-amps the micro iDSD Signature will take your music to the sonic stratosphere.

micro iDSD Signature* versus other leading DSD DACs	Octa-Speed DSD512
Others	Quad-Speed DSD256
micro iDSD Signature* versus other leading PCM DACs	Double-DXD/PCM 768kHz
Others	HD/384kHz

Technologies

- Octa-DSD512/PCM768 and 2X DSD
- Dual-Core Native DSD/PCM Burr-Brown chipset.
- S-Balanced 4.4mm output with 4,100mW
- Performance boosting Direct Drive and Headamp Turbo.
- Zero jitter/jitter clock system upgraded for lower phase-noise/jitter.
- Digital engine upgraded with iFi custom ultra-low noise Op-Amp OY2028.
- Analogue section upgraded with iFi custom ultra-low noise Op-Amp OY2027.
- Ultra-low impedance OS-CON polymer capacitors and Panasonic audio-grade ECUF film capacitors.
- Performance-tuned 3D+ and XBass+
- Turbo/Normal/Eco modes.

Specifications

Digital Inputs:	USB 3.0 Type A "OTG" Socket/USB2.0 compatible with iPurifier technology built-in iS-PCIF (3.5mm coaxial/optical)
DAC section:	S-Balanced 4.4mm/Single-Ended (6.3mm/RCA)
DAC:	Bi-Perfect DSD & DSD, PCM DAC by Dual-core Burr Brown
Clock:	Ultra low jitter GATE Femtoclocked clock
Formats:	DSD 512 / 22.05MHz PCM 768 kHz MQA Full Decoder
Filters:	Extreme/Extended/Standard Bandwidth
DSD:	Bi-Perfect/Minimum-Phase/Standard
PCM:	Bi-Perfect Processing
Line Output:	Bi-Perfect Processing
DNR:	>117dB(A)
THD + N:	<0.003% @ OSFS
Output Voltage:	>2V
Output Impedance:	<24Ω
Jitter (correlated):	Below AP2 test set limit
Headamp Section	
Headphone Power Output	Power (max) Power (continuous)
Turbo mode	10.0V/4,100 mW >1,560 mW @ 64Ω
Normal mode	5.5V/1,950 mW >166 mW @ 600Ω
Eco mode	2.9V/500 mW @ 8Ω-250 mW @ 16Ω
DNR:	>115dB(A) (Eco Mode, 2V Out)
THD + N:	<0.003% @ 500mW/16Ω
Output Voltage:	>1.9V (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-A (5V) 2 compliant up to 1500mA charging current
Dimensions:	172 x 65 x 27 mm (6.8" x 2.6" x 1.1")
Net Weight:	39.9 g (0.85 lbs)
Limited Warranty:	24 months*

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





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Ver 1.4