

# *Pro iDSD* HI-SPEED USB

**SIMPLY JAW DROPPING**



## INTRODUCTION



Having sparked a revolution with its low-cost DACs that offered music fans portable 256 stereo for less than £500 a few years ago, iFi has maintained its position at the vanguard of the audio world with the launch of the ground-breaking Pro iDSD. There is simply nothing like it.

We have paid great attention to every section of this DAC/headphone-amp/preamp – no stone has been left unturned. Tried and tested classic noise reduction techniques found in tube equipment have been combined with cutting-edge, 21st century technology to deliver a superlative performance.

The quad section uses a quad “stack” of Bit-Perfect DSD and DXD DACs by Burr-Brown in a custom “interleaved” configuration. This arrangement enables a total of eight pairs of differential signals to be used and mixed totalling four pairs of signals per channel.

### WIRELESS PLAYBACK

With LINKPLAY™ WiFi/network playback, built-in Spotify and Tidal, and wide protocol support for 32-Bit/192kHz and DSD64, the Pro iDSD can directly link to a router for online music play. This gives it the option to:

- Play direct from SD card
- Link to a router and directly stream (TIDAL/MQA, Spotify etc)
- Use DLNA (Digital Living Network Alliance) via music stored on HDD

The Pro iDSD currently comes in two versions – users can choose from a 2.5mm or 4.4mm balanced headphone socket to match their choice of balanced headphone.

### Pricing:

**Pro iDSD 2.5mm is US\$2,499 (ex-tax) or €2,749/£2,499 (incl. VAT).**

**Pro iDSD 4.4mm is US\$2,749 (ex-tax) or €2,999/£2,749 (incl. VAT).**

## IN A NUTSHELL

The iFi Pro iDSD is a revolutionary DAC that combines a number of different features to give your home audio system the best possible playback resolution and sound. It can handle all audio formats to DSD1024 or DSD512 or PCM 768K with user-selectable digital filters.

## FEATURES



### The gang of four

A quad “stack” of Bit-Perfect DSD and DXD DACs by Burr-Brown work in a custom “interleaved” configuration so that up to eight pairs of differential signals can be used and mixed.



### Digital Processing

The new XMOS XU216 X-Core 200 Series 16-Core processor has a maximum of 2,000 MIPS (two billion instructions per second) calculation power in dual-issue mode as a USB interface.



### Crysopeia FPGA Digital Engine

The FPGA excels, by handling the up-sampling duties to attain the DSD1024 audio format. In fact, the Pro iDSD can handle all audio formats to DSD1024 or DSD512 or PCM 768K with user-selectable digital filters.



### Wireless playback

With LINKPLAY™ WiFi/network playback, built-in Spotify and Tidal, and wide protocol support for 32-Bit/192kHz and DSD64, the Pro iDSD can directly link to a router for online music play.



### Many format options

It can handle all audio formats to DSD1024 or DSD512 or PCM 768K with user-selectable digital filters and also gives the user the option to listen to tracks via MQA.

## CONNECTIONS

*Pro iDSD* HI-SPEED USB



## TECHNICAL SPECIFICATIONS



Sample Rates:	PCM up to 768kHz DSD up to 49.152MHz DXD and double speed DXD (2xDXD)
Inputs:	USB (required for DSD, DXD and sample rates above 192KHz) AES3 (XLR - single link) S/PDIF (coaxial/optical combo) BNC multifunction (S/PDIF in or sync input)
Outputs:	Balanced XLR at 4.6V (+15.5dBu - HiFi) or 10V (+22dBu - Pro) Single-ended RCA at 2.3V (HiFi) or 5V (Pro) Headphones 6.3mm & SE 3.5mm Jack at 0.55V/2.1V/5V Headphones BAL 2.5mm/4.4mm Jack at 1.13V/4.6V/10V
Output power:	Pro iDSD 4.4mm socket (16Ω balanced/single-ended): >4200mW / 1>1,575mW Pro iDSD 2.5mm socket (16Ω balanced/single-ended): >4000mW / 1>1,500mW
Volume Control:	Balanced (quad) Alps potentiometer, motorised with IR remote control XLR/RCA outputs can be selected as fixed level or adjusted 6.3mm Headphone Jack is always adjusted
Other Functions:	Various digital and analogue filters can be selected for DSD and PCM up to 384kHz
PCM Filters:	Bitperfect 44.1 – 192kHz, always used for 352.8 – 768kHz Bitperfect+ 44.1 – 96kHz Gibbs Transient Optimised 44.1 – 384kHz Apodising 44.1 – 384kHz Transient Aligned 44.1 – 384kHz
DSD Filters:	fixed 3 <sup>rd</sup> order analogue filter @ 80kHz with correction for DSD's -6dB gain

## ABOUT US



At iFi (pronounced 'eye-fi') we design and manufacture high-end audio equipment - DACs, headphone amplifiers, phono stages, pre-amps, all-in-ones and a range of signal and power accessories. The company launched at RMAF 2012 with 4 units, won an EISA for Best Product in 2014-15, and now we have over 30 multi-award winning products in our portfolio.

Today, we have a global presence spanning all the major markets. Our retailers range from B&H Photo (NYC) to Virgin Megastore (Dubai) to Yodobashi Camera (Tokyo).



For further information and product reviews, please go to [ifi-audio.com](http://ifi-audio.com)

Contact:  
Victoria Pickles - Markets  
Balmoral Lodge, 139-141 Cambridge Road,  
Southport, Merseyside, PR9 7LN

E: [victoriap@ifi-audio.com](mailto:victoriap@ifi-audio.com)  
T: +44 (0)1704 227 204

