

## Press release

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**iFi Uno**

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*Above Uno, by iFi*

## Uno: great sound for everyone

Does the sound from your digital devices lack lustre when you listen to music, watch movies or play games? Then you need Uno, the sonic supercharger that makes everything sound more powerful, more detailed and more real, for a thrilling entertainment experience

*Southport, England* – Not everyone knows about DACs, but every device that acts as a source of digital sound has one. Smartphones, computers, TVs, music systems – they all need DAC circuitry to convert digital audio data into an analogue signal, which is amplified to drive speaker (or headphone) diaphragms and generate sound waves.

The Uno, by iFi, is a first-rung audio upgrade – a DAC/headphone amp for people who may not know what a DAC is, but know they want better sound quality when they listen to music, stream movies and TV shows, play games and enjoy other forms of audio and AV content, from podcasts to YouTube.

Small enough to fit in the palm of your hand, the Uno's cute, curvy case is made from tough, mineral-filled polymer and contains sophisticated DAC and headphone amp circuitry to upgrade the basic audio tech in all sorts of digital devices. Its USB-C input connects to Windows PCs, Apple Macs, and all manner of smartphones and tablets. It doesn't require its own power source, receiving both power and audio data from the device to which it's connected. And it delivers a perfectly processed, optimally amplified analogue audio signal to headphones, powered speakers, or an amp and separate speakers.

With an RRP of just £79/\$79/€79, Uno provides the key to unlock bigger, bolder, more detailed sound, elevating your digital entertainment experience to a thrilling new level.

## DAC's the ticket

The Uno draws from the experience iFi has gained in developing a range of multi-award-winning DACs at a wide spread of prices, from under £200 to over £3000. At its heart lies a power-efficient, high-performance DAC chip from ESS Technology's Sabre HiFi series – the ES9219MQ/Q – benefiting from 32-bit HyperStream III architecture. This combines with Quad DAC+ and Time Domain Jitter Eliminator technologies, plus iFi's dedicated clock circuitry utilising a specialised crystal oscillator, to deliver ultra-low distortion, excellent clarity and impressive dynamic range.

iFi has taken full advantage of the DAC chip's advanced specification, unlocking rarely implemented high-end features such as adjustable analogue gain with DRE (Dynamic Range Enhancement), plus technologies to minimise THD (Total Harmonic Distortion) and crosstalk. A choice of digital filters is accessible via the front-panel buttons, enabling users to fine-tune the DAC's sound according to taste.

The Uno's hi-res audio credentials are highly impressive given its diminutive price. PCM audio data is supported to 32-bit/384kHz, alongside DSD up to 11.2MHz (DSD256), and MQA – the hi-res streaming technology used by Tidal's 'HiFi Plus' tier. An illuminated ring behind the volume control changes colour to indicate the format and sample rate of the incoming digital signal.



*Left* Measuring just 88x26x81mm, the Uno is small enough to sit in the palm of your hand and delivers a big boost to sound quality

## Awesome analogue

The Uno's analogue circuitry is just as vital to the supercharged sound quality it provides as its digital tech. The headphone amp feeds a 3.5mm socket at the front, incorporating iFi's S-Balanced configuration to reduce noise and crosstalk. This delivers 211mW into 32 ohms, and 3.5V into 600 ohms, ensuring compatibility with a wide range of headphone and earphone types. The stereo RCA output at the rear is equally well served, benefiting from iFi's widely praised ability to deliver high-grade audio circuitry in remarkably affordable devices. All the analogue outputs are gold plated to resist corrosion and maintain conductivity over time.

A volume knob sits front and centre, delivering high-quality analogue adjustment in the DAC itself rather than relying on the software-driven volume controls in connected digital devices. Next to this is the PowerMatch button, which adjusts gain by 6dB to match the connected headphones – choose the higher

setting for more current-hungry loads, and the lower setting for more sensitive types.

Another proprietary circuit provides three specially tuned EQ modes – one for music, another for movies, and the third for games. These are analogue processing modes rather than DSP (Digital Signal Processing), engineered to maintain sonic fidelity whilst precisely adjusting the frequency balance.

Music mode delivers a detailed and engaging sound with all types of music; Movie mode enhances dialogue clarity with films, TV shows and other audio/video content; and Game mode makes low-level sound effects crystal-clear, so you always hear your enemies coming. A button at the front cycles through the three settings, with illuminated logos on top of the Uno indicating the current mode.

Those familiar with iFi's audio devices will know that the company utilises discrete, high-grade components in its circuit designs, and the same is true of the Uno despite its exceptionally affordable price. Devices such as TDK COG multilayer ceramic capacitors and inductors from Taiyo Yuden and Murata are more costly than commonly used equivalents, but class-leading qualities such as low ESR (Equivalent Series Resistance) and high linearity pay great dividends in terms of sound quality.

The Uno, by iFi, is the key to great sound for everyone – available from selected retailers at an RRP of £79/\$79/€79 from the end of November, just in time for Christmas.



*Left* Three illuminated logos on the Uno's top surface indicate which analogue EQ mode is engaged: Music, Movie or Game

## Key features

- Unlock bigger, bolder, more detailed sound to enhance your digital entertainment experience
- USB-C input: connect Windows PCs, Apple Macs and all manner of tablets and smartphones
- Sophisticated D/A conversion and amplification elevates audio to a thrilling new level
- 3.5mm headphone output, plus stereo RCA to connect to an amp or powered speakers
- 32-bit ES9219 Sabre DAC chip with HyperStream III architecture Quad DAC+ technology
- Supports hi-res audio up to 32-bit/384kHz PCM, DSD256 and MQA
- Advanced features include Dynamic Range Enhancement and dedicated clock circuitry
- High-quality volume control and switchable gain to match your headphones
- Music, Movie and Game EQ modes – adjust sound to suit your choice of entertainment
- Mineral-filled polymer shell with aluminium front plate

- Finished in Air Force Blue
- Dimensions: 88x26x81mm (WxHxD)



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iFi is the sister-brand of Abbingdon Music Research (AMR) and is headquartered in Southport, UK. The two brands respectively design and manufacture portable, desktop and lifestyle audio products and high-end hi-fi components. Combined in-house hardware and software development teams and a 'music first' approach enable iFi and AMR to create advanced audio products that deliver new levels of design, functionality and performance at their respective price points. Since iFi's formation in 2012, its products have earned many awards around the world, helping it to become one of the fastest-growing brands in its field.

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