

ifi



GO link

Tech Lowdown

Hi-res USB DAC and Headphone Amp

The GO link is a brilliant way to enhance headphone sound from any device with a USB output.

No 3.5mm headphone output on your device?

The GO link enables corded headphones to connect digital devices that do not have a 3.5mm output by using USB instead.

Not satisfied with your sound?

The GO link delivers a big sonic upgrade. This is because its sophisticated DAC (Digital-to-Analogue Converter) and headphone amp circuitry is superior to the audio tech contained within smart devices and computers.





Hi-Res DAC

At one end of the GO link is a USB-C connector, at the other is the DAC and headphone amp circuitry,

- Hi-res PCM up to 32-bit/384kHz
- Full native DSD256
- MQA (Renderer)

Connections

Connect the GO link via USB to:

- Smartphones
- Tablets
- PCs
- Apple Macs

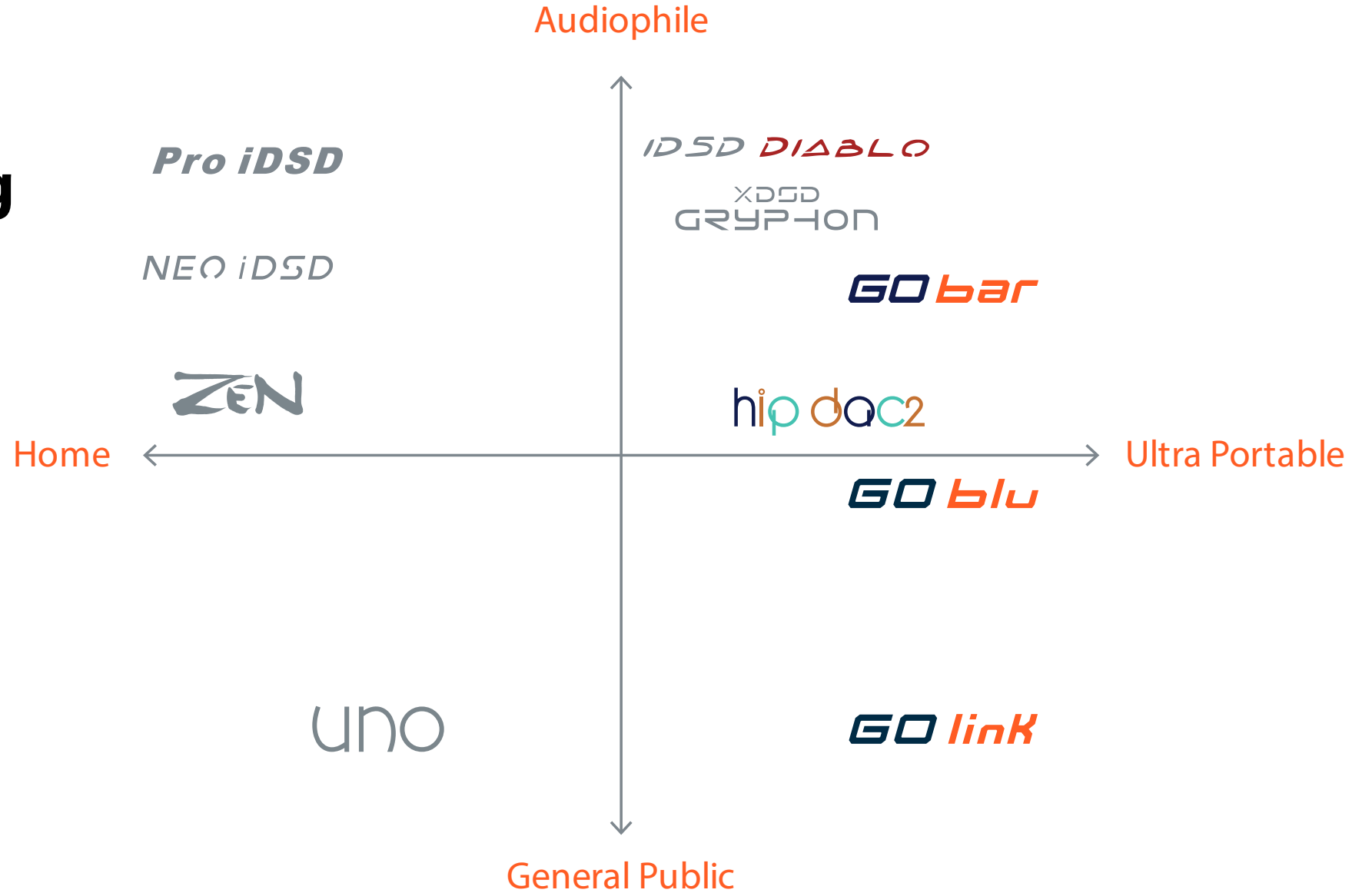


No power source is needed as it takes power from the device to which it is connected.
Connect headphones and iEMs.

Portfolio Positioning

Home vs Portable

Audiophile vs General Public



Target Audience

The professional.

- 18 – 39 years old
- Male & female
- Music lovers & makers
- Dog walker
- Commuter
- Exercise buff
- Traveller
- The individual on the go, go, go
- Spends: ££

Where to find them:

- YouTube
- TikTok
- Twitch
- Instagram
- Pinterest
- LinkedIn
- Reddit
- Twitter





Unique Selling Points (USPs)

- DRE - Dynamic Range Enhancement
- MQA
- Digital Filter Upgrades
- Hardware based volume control
- It is a Hi-Fi grade DAC. Hi-Res DSD256 & PCM384

DRE (Dynamic Range Enhancement)



In music production, dynamic range means the difference between the loudest and quietest sounds. It's measured in decibels, or dB for short. In a single audio track, dynamic range means the dB difference between the loudest and quietest moment in the audio file.

You can think of the dynamic range in a system as the space between the noise floor and the clipping point. When a sound goes below the noise floor you won't be able to tell the difference between the signal and the system noise of the medium. When a sound goes above the clipping point, the tops of its waveform will get abruptly cut off, causing harshness and distortion.

iFi's proprietary technology extends the Dynamic Range by 6 dB or more, for an improved listening experience.

S-Balanced

Connect via analogue 3.5 connection.

Our *S-Balanced* technology delivers the advantages of a balanced connection even when using an unbalanced one.

On headphones, this means lower distortion, less interference and less crosstalk.





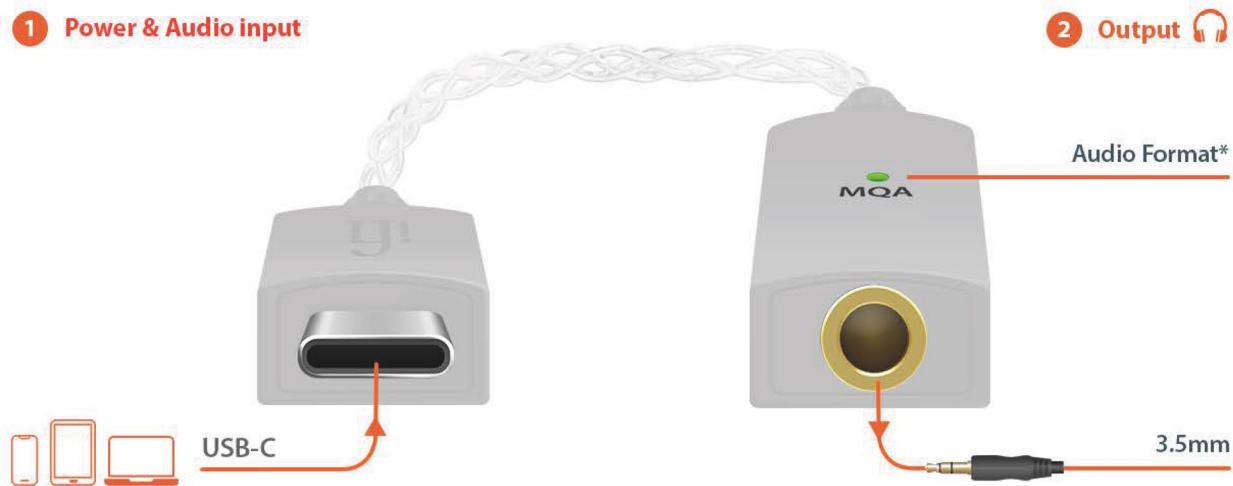
Design speaks volumes

Unlike other headphone dongles, the GO link doesn't rely on the software-based volume controls in connected digital devices, which can adversely affect audio resolution.

Instead, adjusting the volume on the connected device controls the volume level in the GO link's DAC, not in the phone, tablet or computer.

This hardware-based volume control is another feature that helps to deliver the GO link's superior sonic performance.

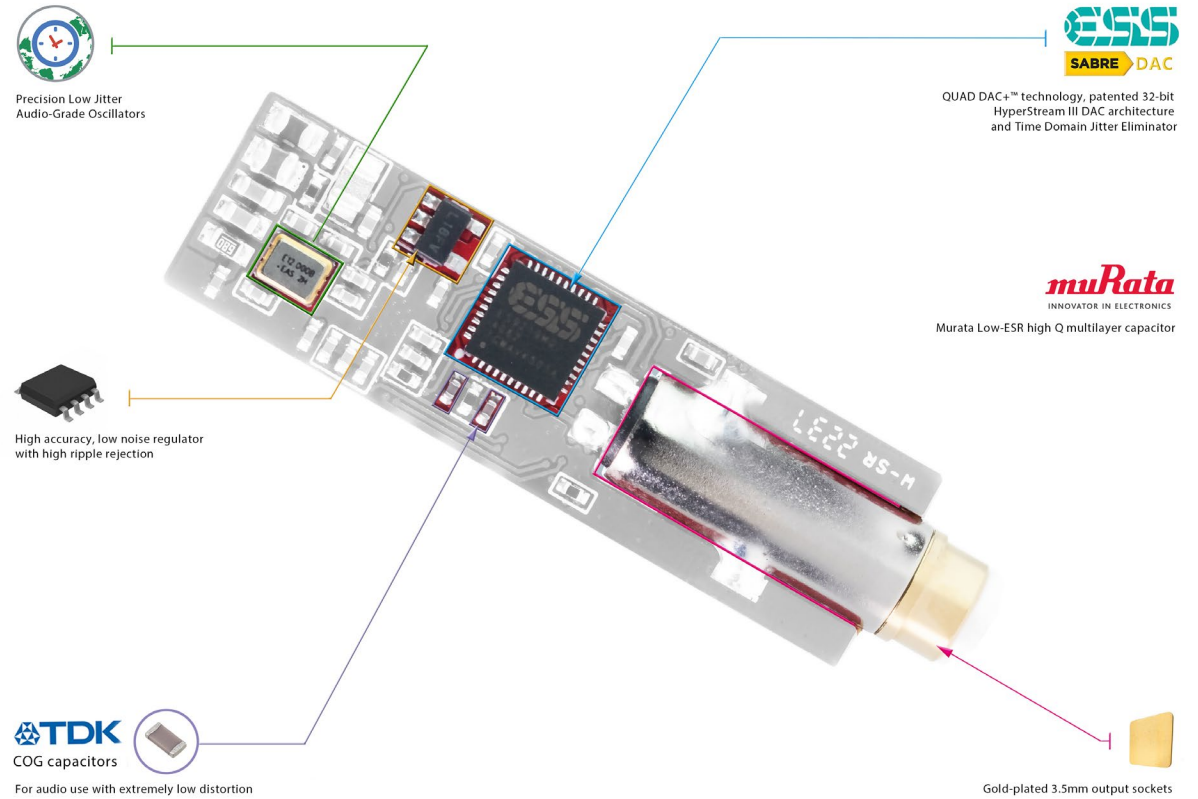
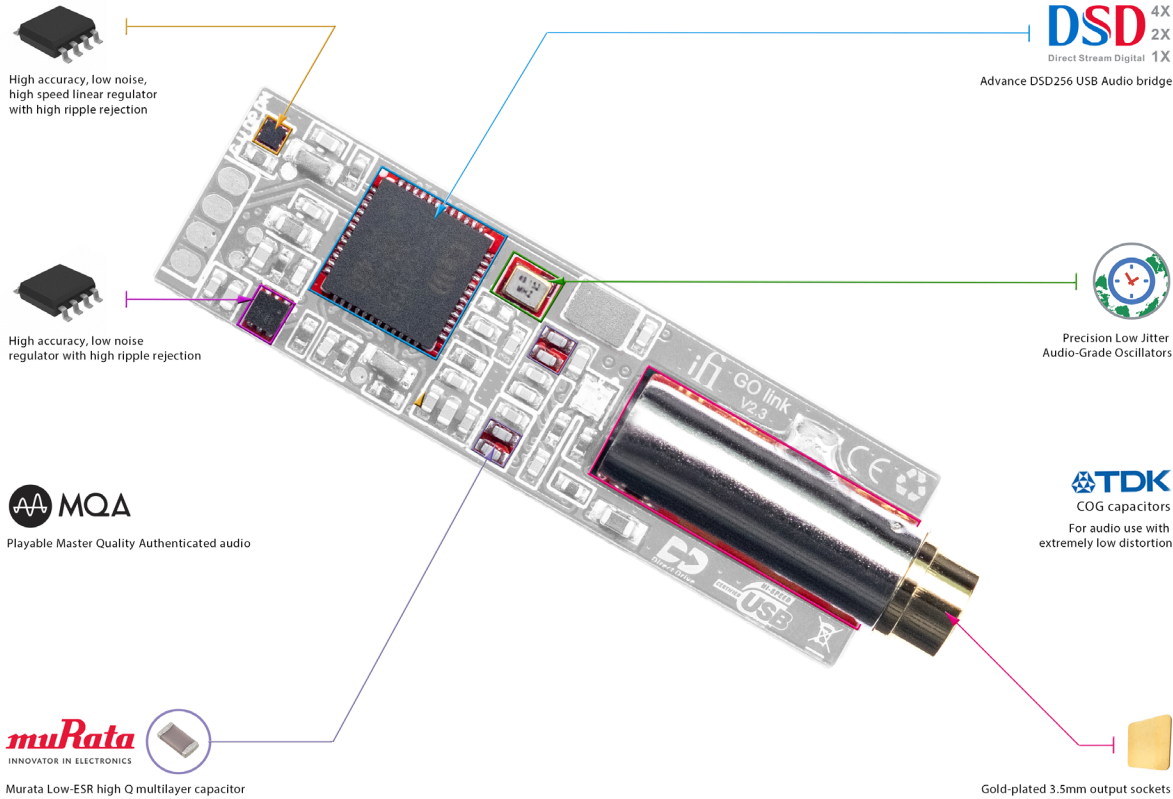
Inputs & Outputs



Audio Format LED

- Green: PCM 44.1/48/88.2/96kHz
- Yellow: PCM 176.4/192/352.8/384kHz
- Magenta MQA
- Cyan: DSD 64/128
- Blue: DSD 256

PCB Diagram



Specifications

Input	USB-C
Formats	DSD 256 / 11.3MHz
	PCM 384kHz
	MQA
DAC	Bit-Perfect DSD & DXD DAC by ESS
Headphone	3.5mm
Output Power	$\geq 1.5V/70mW @ 32\Omega$; $\geq 2V/14mW @ 300\Omega$
Output Impedance	$< 0.4\Omega$

SNR	$\geq 125dBA (2.05V)$
DNR	$\geq 122dB(A) @ 0dBFS$
THD+N	$\leq 0.004\% (1.27V @ 32\Omega)$
Frequency Response	5Hz - 80kHz $\pm 3dB$
Power consumption	No Signal $\sim 0.7W$ /Max Signal $\sim 1W$
Dimensions	158 x 100 x 35 mm
	6.2" x 3.9" x 1.4"
Cable Length	60mm
	2.8"
Net weight	485g
	1.1 lbs

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