

GO link 2 Max User Manual_Ver1.0



GO link Max

User Manual

Thank you for purchasing the GO link 2 Max. The **GO link 2 Max** is a Hi-Res Balanced USB Dongle DAC.

If you're ready to take the next steps to unlock the true potential of your playlist and hear your music like never before, the **GO link 2 Max** offers a gigantic upgrade from your devices, in a tiny package.

The **GO link 2 Max** offers a perfect path for those taking their first steps into this audio world, with 241mW output power and headphone outputs that can upgrade as your headphones do. Meanwhile, balanced circuitry based around dual DAC

chips that we' ve unlocked for peak performance, means those seasoned enough to appreciate its magic can get in on the action.

Whether you're at home or on the GO, hear the details you've been missing and open your ears to a whole new world.

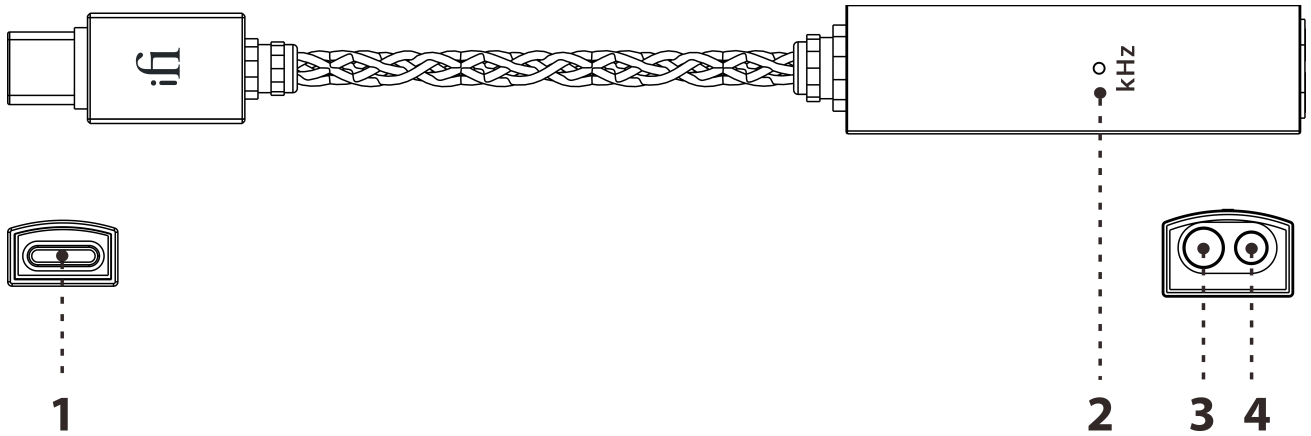
Once you **GO Max**, you won't go back.

FEATURES:

- Upgrades headphone listening from any USB device
- Hi-Res audio: 32-bit/384kHz PCM and native DSD256/11.3MHz
- Dual ESS Sabre DAC chips form a balanced circuit for improved detail and channel separation
- Balanced 4.4mm output provides up to 241mW power
- S-Balanced 3.5mm output halves crosstalk for cleaner playback
- Dynamic Range Enhancement technology and THD compensation
- Over-the-air firmware updates and customisable filtering via the iFi Nexis mobile app*
- Plug-and-play with USB-C ports**
- Silver-plated copper conductors, twisted for high signal purity
- Gold-plated USB-C connector and headphone sockets

Note: All iFi Nexis functionality - including firmware updates, filter selection and volume limiting - are additional features exclusive to Android devices.

Note: Drivers may be required when connecting to a Windows PC or laptop, to ensure bit-perfect playback.



Contents

1. USB-C Male Input
2. Audio Format LED
3. Balanced 4.4mm Headphone Output
4. S-Balanced* 3.5mm Headphone Output

Cautions

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SPECIFICATIONS

1. USB-C Male Input

Plugs into the USB port of the applicable source device (computer/laptop/tablet/mobile phone) for audio and power supply.

2. Audio Format LED

The LED colour scheme indicates the audio format and sampling frequency received by GO link 2 Max from the music source.

LED	Mode
Green	PCM 44.1/48/88.2/96kHz
Yellow	PCM 176.4/192/352.8/384kHz
Cyan	DSD 64/128
Blue	DSD 256

3. Balanced 4.4mm Headphone Output

Connection for 4.4mm balanced headphones.

Tip: As the GO link 2 Max is balanced (reduces noise and crosstalk in the signal path by fully separating the left and right channels), we recommend the 4.4mm output.

4. S-Balanced* 3.5mm Headphone Output

Connection for 3.5mm Single-Ended or Balanced headphones.

Tip: iFi's exclusive S-Balanced circuit delivers maximum performance from single-ended and balanced headphones alike.

Tip: In Tidal, Roon and other apps, please set the volume as low as possible before activating Exclusive Mode to avoid damage to your hearing or device; after activating Exclusive Mode, slowly increase the volume to the desired level to maintain a comfortable listening experience.

When using the Tidal app, we recommend that "Normalize volume" is set to off.

Cautions

1. Avoid extreme heat, cold and humidity.
2. Avoid dropping or crushing the **GO link 2 Max**.

Prolonged Heat Exposure

During normal use, your **GO link 2 Max** may become quite warm. This is normal and not a cause for concern. However, it is crucial to ensure good ventilation while using this device.

SPECIFICATIONS

Digital Input:	USB-C
Hi-Res support:	PCM 384kHz; DSD256 (11.3MHz)
DAC:	2 x Bit-Perfect DSD & DXD DAC by ESS
Headphone Output:	Balanced 4.4mm; S-Balanced* 3.5mm
Output Power (RMS):	
Balanced	$\geq 241\text{mW @ } 32\Omega$; $\geq 4\text{V @ } 300\Omega$
S-Balanced*	$\geq 100\text{mW @ } 32\Omega$; $\geq 2\text{V @ } 300\Omega$
Output Impedance:	
Balanced	$< 0.7\Omega$
S-Balanced*	$< 0.35\Omega$
SNR:	
Balanced	$\geq 130\text{dB(A) @ } 0\text{dBFS}$
S-Balanced*	$\geq 125\text{dB(A) @ } 0\text{dBFS}$

DNR:

Balanced $\geq 130\text{dB(A)} @ 0\text{dBFS}$

S-Balanced* $\geq 125\text{dB(A)} @ 0\text{dBFS}$

THD+N:

Balanced $\leq 0.0007\%$ (2.4V @ 32 Ω)

S-Balanced* $\leq 0.001\%$ (1.27V @ 32 Ω)

Frequency response: 10-80kHz(-3dB)

Power consumption:

No Signal $\sim 0.6\text{W}$

Max Signal $\sim 3.2\text{W}$

Dimensions:

143(+10/-5) x 15 x 9.4mm

5.6 (+0.4, -0.2) x 0.6 x 0.37"

Net Weight:

11.5 g (0.40oz)

Limited Warranty:

12 months**

**Single-Ended Compatible Balanced.*

***12 months typical or as permitted/required by local reseller laws.*

See FAQ at ifi-audio.com for more information.

Specifications are subject to change without notice.