

Link10 Manual

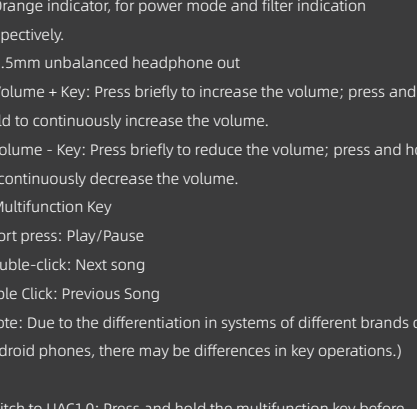
Product Introduction

Link10 is a USB decoding headphone amplifier designed for mobile phones and computers, only the size of a lighter. With a battery-free design, it is plug-and-play and can be connected to the USB port of IOS, Android system mobile phones, tablets or Windows, Mac computers for high-definition decoding, supporting up to PCM 32Bit/384kHz and DSD256. The DAC chip consists of two CS43131s, featuring extremely low distortion and background noise. Even when using the most sensitive IEMs, its background noise is inaudible. It has both 3.5mm unbalanced and 4.4mm balanced outputs, with a maximum output power of 300mW, capable of driving most HiFi headphones on the market.

Product Features

1. Colorful LED indicator lights display the product's working status in real time.
- 2.The USB works in asynchronous transfer mode, supporting a maximum sampling rate of PCM32Bit/384kHz and DSD256.
3. Supports mobile phones/tablets running iOS and Android systems, as well as Windows and MAC computers.
4. The DAC chip consists of two CS43131s, featuring extremely low distortion and background noise.
5. It has both 3.5mm unbalanced and 4.4mm balanced outputs.
6. The output power up to 300mW.
7. Adjustable high and low gain to accommodate headphones with different impedances.

Parts and Controls



1. LED Indicator
Indicates Sampling Rate
When playing music, the sampling rate is displayed in different colors as follows:

Colors	Sampling Rate
Red	PCM44.1K-48kHz
Cyan	PCM88.2K-96kHz
Yellow	PCM176.4K-384kHz
White	DSD64-256

Indicate Volume
When the volume is adjusted, different colors are displayed corresponding to different volume levels as follows:

Green	Volume level: 0-23
Yellow	Volume level: 24-48
Red	Volume level: 49-60

(*Note: After the volume adjustment stops for 1 second, the volume color indication is exited and the sampling rate color indication is resumed.)
- 2.USB audio input (Type-C)
- 3.4.4mm balanced headphone out
- 4.Orange indicator, for power mode and filter indication respectively.
- 5.3.5mm unbalanced headphone out
- 6.Volume + Key: Press briefly to increase the volume; press and hold to continuously increase the volume.
- 7.Volume - Key: Press briefly to reduce the volume; press and hold to continuously decrease the volume.
- 8.Multifunction Key

Short press: Play/Pause
Double-click: Next song
Triple Click: Previous Song

(Note: Due to the differentiation in systems of different brands of Android phones, there may be differences in key operations.)

Switch to UAC1.0: Press and hold the multifunction key before connecting USB, then connect Link10 to USB device. After the indicator light blinks and the blue light is on, Link10 is switched to UAC1.0 mode.

(Note: You need to perform this operation before each startup to enter the UAC1.0 mode.)

Press and hold for 3 seconds: Switch power mode
The orange light is off, indicating low-gain mode, which is suitable for low-impedance, high-sensitivity in-ear headphones.

The orange light is on, indicating high-gain mode, which is suitable for high-impedance earphones or headphones.

Adjust the DAC Filter

Press and hold the Volume + / - keys for 1 second to switch the filter mode once. The switching sequence is shown in the table below:

Filter	Description	LED light indication
Filter1	Fast roll-off,Low-latency filter	Blink 1 time
Filter2	Fast roll-off,Phase-compensated filter	Blink 1 time
Filter3	Slow roll-off,Low-latency filter	Blink 1 time
Filter4	Slow roll-off, Phase-compensated filter	Blink 1 time
Filter5	Non over-sampling filter	Blink twice

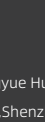
Parameters

Unbalanced Output	Balanced Output
Output Power: 250mW@32Ω	300mW@32Ω
140mW@75Ω	350mW@75Ω
70mW@150Ω	270mW@150Ω
45mW@300Ω	170mW@300Ω
THD+N: 106dB@1kHz	108dB@1kHz
SNR: ≥126dB	≥130dB
Crosstalk: ≥75dB	≥112dB
Frequency Response: 20Hz~20kHz (±0.5dB)	
Size: 6.0*2.3*1.3cm	
Weight: 25g	

Accessories

- 1.Type-C to C cable
- 2.User Manual
- 3.Warranty Card

Instruction to use with mobile phone



- 1.Connect the headphone to the 3.5mm socket of Link10.
- 2.Using the USB cable to connect with the mobile phone,most mobile phone will recoginze it as USB audio device,and switch the audio output to this device automatically.Parts of phone has on/off USB OTG, please turn it on before using this product.

Note: ① The mic function will be invalid in this device, please don't use your headphone to answer the phone,answer the phone,answer the phone using the phone directly.

② If there is no sound when you answer the phone,please disconnect/pull out this device.

Instruction to use with computer

Use a USB cable to connect the computer's USB port to Link10. After the computer recognizes the unit, set the Link10 as the default playback device in the computer sound options. Then,set the output device to the Link10 in the player setting options. And then play the music, you can listen to the wonderful music.

Note: MAC, LINUX and most Windows systems do not need to install drivers.If your Windows PC cannot recognize it, you can download the USB driver from the official website.

Attention

- 1.Please turn down the volume before playing the music, because the strong output powr of Link.
- 2.The supported sample rate may be vary because the Incomplete integrated UAC2.0 driver for the mobile phone version.
- 3.The product is not waterproof design, please don't use it at pout door or bathroom.If the environment temperature is lower than 0°C, please don't expose the product at outdoor, avoid the freeze of the cable.
- 4.Please don't use the high volume for long time, to avoid affect your listening
- 5.For your safety, please don't use it when you are driving or cycling.

Statement:design and specifications may be changed without notice.

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