

EarBuddy

The perfect headphone companion



Introduction



In a nutshell...

The EarBuddy gets rid of annoying hiss and buzz and allows you to turn up your digital volume safely to a higher level to improve resolution and quality without harming your ears!

The **EarBuddy** is the friendly fix for your headphones.

It works by attenuating the output of your device so that you can listen at reasonable volumes – without damaging your ears – while maintaining the true resolution of your source material, giving you the best possible sound quality.

It is perfect for:

- Smartphones
- Computers
- A/V systems
- In-flight systems

The **EarBuddy** is user friendly too – just plug and play. Simply place between your headphones and your device.

Made for use on the go, it also includes some handy travel accessories:

- Gold plated airplane adapter
- Soft foam contoured earplug (-37dB)
- Fabric travel pouch

The retail price of the **Ear Buddy** is **US\$20 (ex-tax) or €24 /£20 (incl. VAT)**



How it works



Any smart device like your iPhone or tablet or a DAP uses a digital volume control.

But **Did You Know** that lowering the volume on a digital volume control means you lose 'bits', depriving you of digital information that represents real events in the music itself?

Most of us typically use just 60% of the available volume on our device. On most headphones or IEMs, any louder than 60% of full volume would exceed easy listening levels, damaging hearing and increasing hiss and hum.

But this means that both sound quality and dynamic range are negatively affected – you are not getting the sound quality you expect. Resolution is distorted. Imagine an HD TV screen with missing pixels.

To put this in an everyday context, let's say you are streaming music via Tidal or Spotify. You expect to be listening to music at 16Bits – which means CD-like quality.

But by turning down the volume you lose 2Bits of resolution, so you are only listening at 14Bits – in other words, less than CD quality.

Using the EarBuddy allows you to increase the digital volume as it 'adjusts' it to -15dB and doesn't make you deaf! Plus it gets rid of any annoying hisses or buzzes at the same time.

You immediately get the 2Bits back and benefit from better resolution and an increased dynamic range: vocals seem clearer and background noise has disappeared.



How it works

EarBuddy 



At 50% digital
volume

=



Resolution lost. Only 14Bits



Cranked up to
80%!

+



=



Resolution restored. 16Bits!

Technical specifications



- High sensitivity (-15dB) attenuation
- 6N Copper/Silver matrix signal cabling
- Gold-plated circuit board with premium components (eg MELF resistors)
- Gold-plated 3.5mm male/female connectors
- Input impedance > 16 Ohm
- Output impedance > 1.5 Ohms



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

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