

# Earplugs



## Silence in Seattle

We all enjoy music, whether we're at home, in the car or pounding the treadmill at the gym.

However, from time to time we all need time to enjoy some rest and relaxation. Whether that's from music, television or, dare we say it, the better half.

So, whenever you need to unplug from the world around you, reach for the new **ifi Ear Plug**.

## The Tech Spec



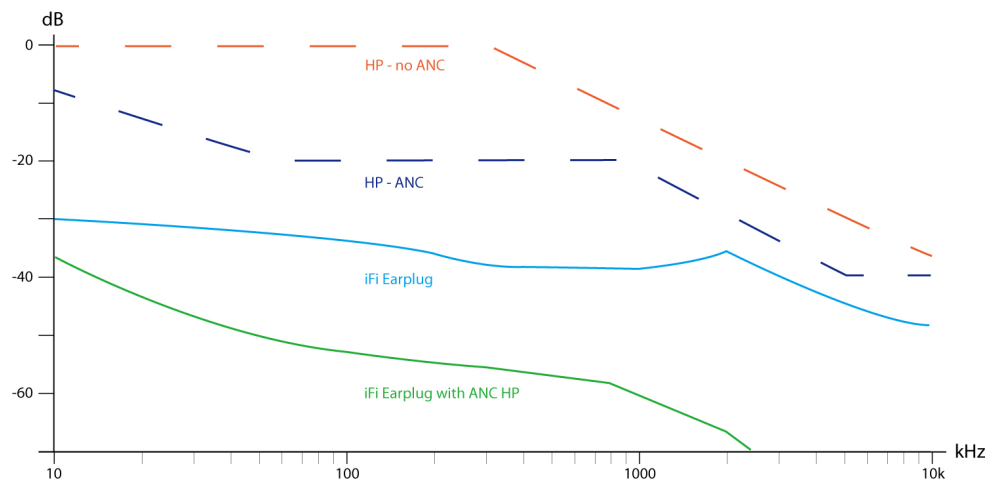
- Premium 100% pure memory foam
- Incredible 37dB noise reduction (62dB total noise reduction if used in conjunction with Noise-Cancellation headphones which offer 25dB noise reduction)

All **ifi Ear Plugs** come with a hard, clear plastic case with the option of purchasing an iPouch which stores both earplugs and your IEMs.

## The Art of Noise

The following graph depicts the level of noise attenuated (reduced) in four situations:

- Headphones without ANC: 20dB reduction above 300kHz
- Headphones with ANC: 20dB attenuation from 40kHz to 1kHz
- ifi Ear Plugs: 30dB to 50dB reduction across the frequency range
- ifi Ear Plugs with headphones with ANC: 40dB reduction up to 70dB reduction



It's clear the **iFi Ear Plugs** alone are incredibly effective, and when coupled with NC headphones, they make an unbeatable team.

## Crybaby



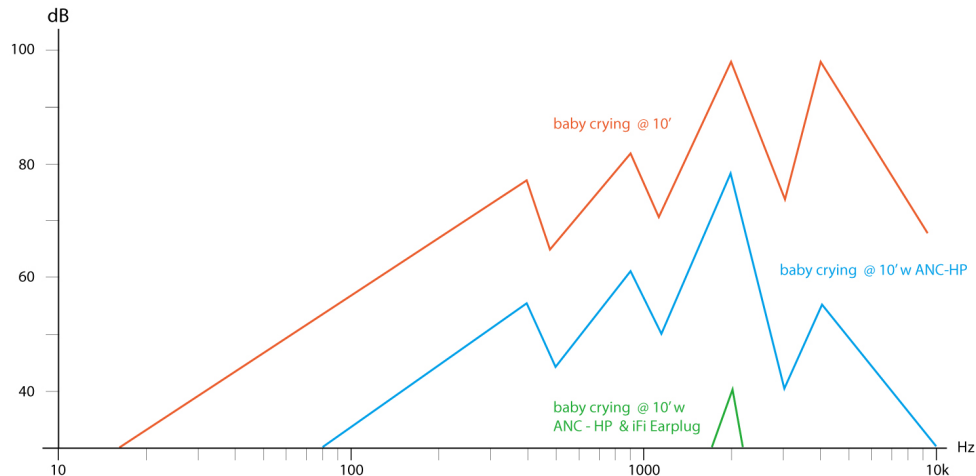
According to medical experts, a baby's cry can reach up to 130dB. That's only 10dB less than a jet engine on take-off!

It's hardly a surprise then the sound of a crying baby can pierce your ears and sound so unpleasant.

We've all experienced extreme noise – and crying babies are a perfect example.

Picture this. You're on a plane, you take off and – **BHAM** – a baby starts to cry because of the air pressure change in the cabin. Typically, this is anywhere up to 130dB (but this varies across the frequency range).

The graph below depicts the typical baby cry which from 300kHz to 8kHz surpasses 70dB – then charts the reduction in noise when an NC headphone and **iFi Ear Plug** are introduced.



With an NC headphone, this noise level is reduced by some 25dB to 40dB or so.

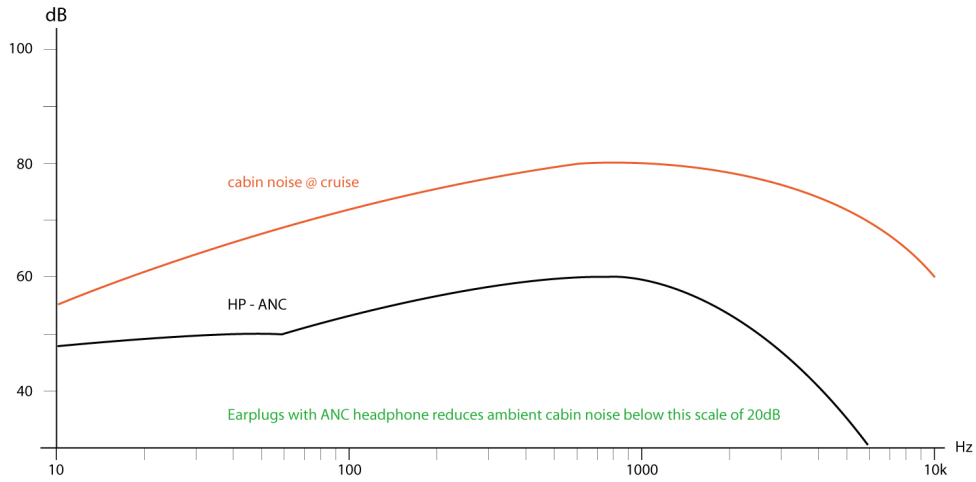
However, with the **iFi Ear Plug** and the NC headphones, the combined noise reduction brings the noise down to a barely perceptible 20dB - or even lower.



### What about ambient cabin noise?

A primary objective of noise-cancellation headphones is to cancel out the 'drumming' of airplane ambient cabin noise of 60-80Hz. Premium ANC headphones reduce 25dB which brings this down to 30-50Hz. But if augmented with **iFi Ear Plugs**,

then the ambient noise is reduced to below 30dB which is better than a quiet room!



Now, that's got to be music to anyone's battered ears.

Full product info: <https://ifi-audio.com/products/ifi-audio-ear-plugs/>

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