

Keeping voices down in virtual meetings

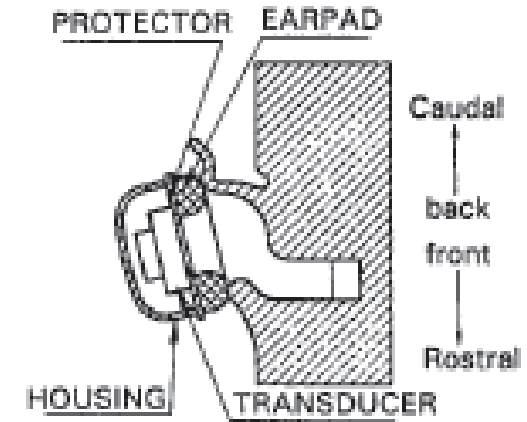
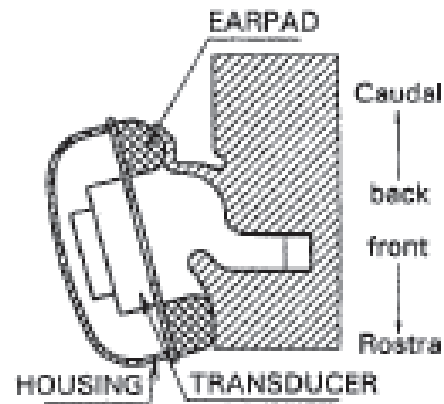
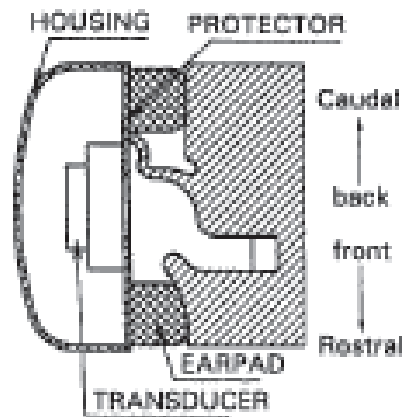
- a short intro to relevant headphone techniques

Eddy B. Brixen

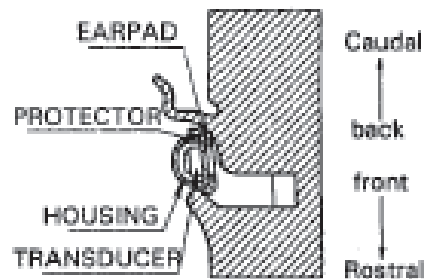
many products to choose from



circum aural – supra aural – supra concha



intra concha – free from ear



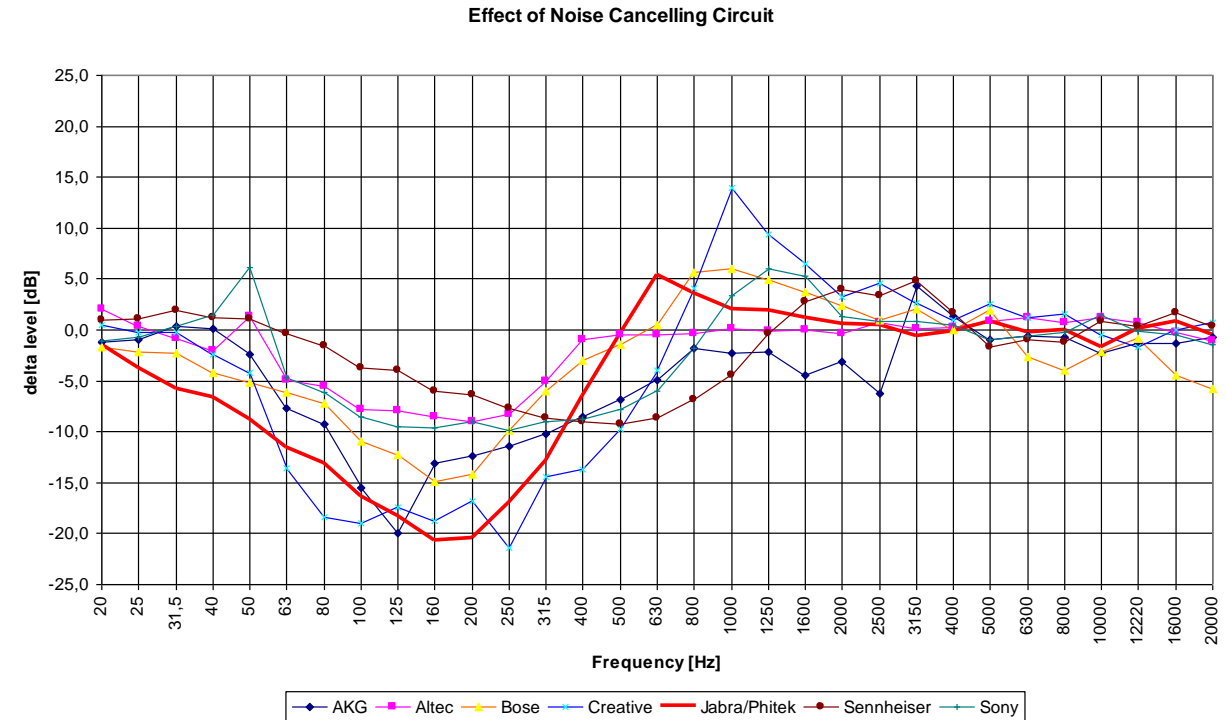
special function: side tone

- side tone
- a function that feed back users' own voice – and by that reduces speech level (reflex)
- often the function is controlled by an app on a mobile device



special function: noise cancellation

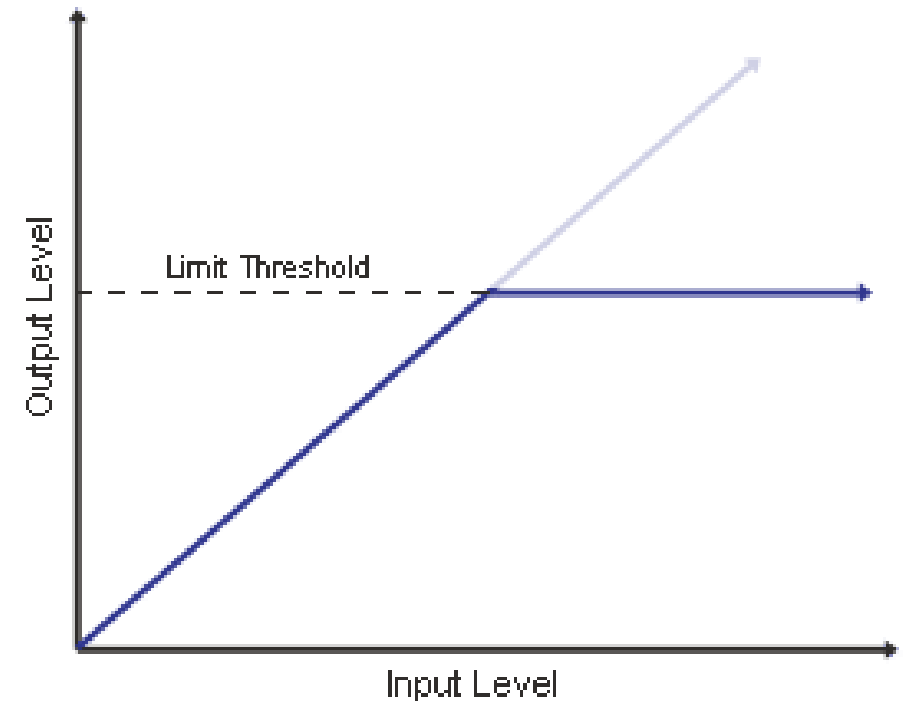
- noise cancelling reduces surrounding noise
- active part: below 1 kHz
- passive part: whole range



special function: limiter

- level limiting
- a limiting function secures that the reproduced level does not get too loud

All personal music players and mobile phones sold in the EU from February 2013 are suggested to have a sound limit of 85 decibels (dB).



special function: binaural reproduction / AR

- direction based information
- can provide additional but relevant information



Sound Quality in Digital Meetings

- White paper by DSC



thank you



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