Research Insights:
Better Hearing in Noise with AI

Pushing the boundaries of what AI can do for you; SenseSonic IQ is powered by the DEEPSONIC™ AI chip, isolating voices from noise from any direction.

The power of AI

Hansaton SenseSonic IQ is powered by the world's first dedicated artificial intelligence chip, DEEPSONIC, to prioritize speech over noise from any direction. It operates in real time by extracting, enhancing, and integrating the speech signal.[1]

Noise is no longer a barrier

Conversations at family gatherings, a restaurant, or on a busy street – understanding in noise is the client's number one need.[2]

Hear speech clearer from any direction

SenseSonic IQ enables you to understand conversations from multiple speakers and any angle simultaneously, giving you the freedom to choose which speaker to focus on.[2]

Clients are 2x more likely to understand speech from any direction in challenging listening situations with SenseSonic IQ vs. the off condition, based on statistical modeling.[3]

Improved SNR

SenseSonic IQ at maximum strength provides instant speech separation from noise all around - with an unprecedented 10 dB SNR improvement compared to omni at 0 degrees.[2]

SenseSonic IQ provides up to 3.7 dB more SNR benefit compared to key competitors.[2]

SenseSonic IQ boosts speech understanding by 44% – instantly – compared to StereoBeam, for subjects with moderate-severe hearing loss.[1]

Reduced cognitive load & fatigue

SenseSonic IQ makes listening easier by reducing the effort by up to 37% compared to StereoBeam – as measured on subjects with moderate-severe hearing loss.[1]

With SenseSonic IQ, clients can navigate even noisier environments (by as much as 2.9 dB SNR) without an increase in listening effort - compared to without, for moderate to moderately-severe hearing losses.[3]

1. Sonova AG. Data on file. PDL-22112. Please contact info@hansaton.com if you are interested in further information.
2. Sonova AG. Data on file. PDL-30520. Please contact info@hansaton.com if you are interested in further information.
3. Sonova AG. Data on file. PDL-22338. Please contact info@hansaton.com if you are interested in further information.

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