



2.4 GHz Table Microphone

Speech enhancement tool



The Table Microphone is a wireless hearing aid accessory designed to improve speech understanding in noise, such as in a meeting or restaurant. With an array of 8 directional microphones and beamforming technology, it enhances the active speaker, while simultaneously reducing competing background speech or noise from other directions.



Who will benefit

The Table Microphone is for any patient who struggles to hear speech in a multi-talker environment, in background noise, or separated by great distance from the speaker.

It also helps patients who benefit from better focus and less effort to understand their conversational partners.

How it works

The sophisticated beamforming technology of the Table Microphone assists the user in focusing on the intended speaker in a group. The direction of the speaker is detected automatically, or can be selected manually by the user. The enhanced signal, with clearer speech and less noise, is streamed wirelessly to the user's hearing aids.

Why patients will want it

Patients will want the Table Microphone as an easy-to-use solution to the problem of understanding speech in challenging listening environments.

The Table Microphone allows patients to hear more of a conversation using less effort, **and also provides multiple functions such as a TV streamer** and a body-worn remote microphone.

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How it helps you

Problem — Separating the signal of interest from unwanted noise is challenging and effortful for hearing aid users.

Solution — The Table Microphone enhances the signal and attenuates the noise for superior speech understanding.

Proof points

Results from the Hearing In Noise Test (HINT) demonstrated that the Table Microphone provided statistically significant improvement for speech-in-noise listening over hearing aids alone and hearing aids with the Remote Mic Plus. The Table Microphone allowed users to understand speech in noisier, more challenging, listening conditions.

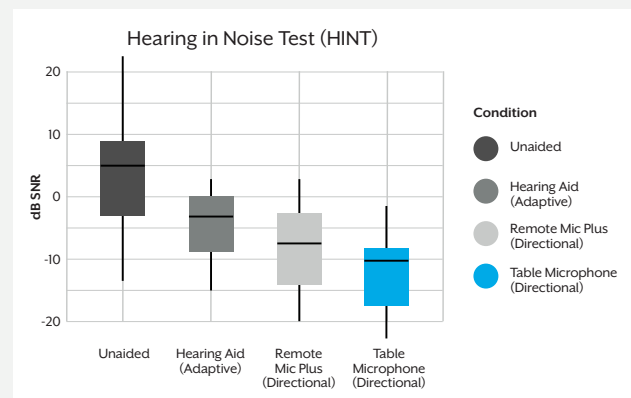


Figure 1: Boxplot of HINT results. The lower the signal to noise ratio (SNR), the better the performance.

Setup



Professionals — [Visit this page](#) to learn more about the Table Microphone and how to pair it to hearing aids.

To learn more

- Visit Gov.Starkeypro.com/evolv-ai
- Read our [white papers](#)
- Check out [training opportunities](#)
- Contact your Government Services Audiologist today

REFERENCES

1 Walsh, K. & Zakharenko, V. (2020). 2.4 GHz Table Microphone [White Paper]. Retrieved from Starkey: https://home.starkeypro.com/pdfs/WTPR/SG/WTPR2787-00-EE-SG/Table_Microphone_White_Paper.pdf

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