

Founded by acclaimed Stanford neuroscientist David Eagleman,

Neosensory offers **three solutions in a single device** that can help over eight out of ten audiology patients.



Duo: Duo is the only wearable device that uses bimodal stimulation (sound + touch) to relieve tinnitus symptoms. The effectiveness of bimodal stimulation for tinnitus treatment has been shown in multiple studies [1, 2, 3] and Duo is the only easily accessible solution on the market.



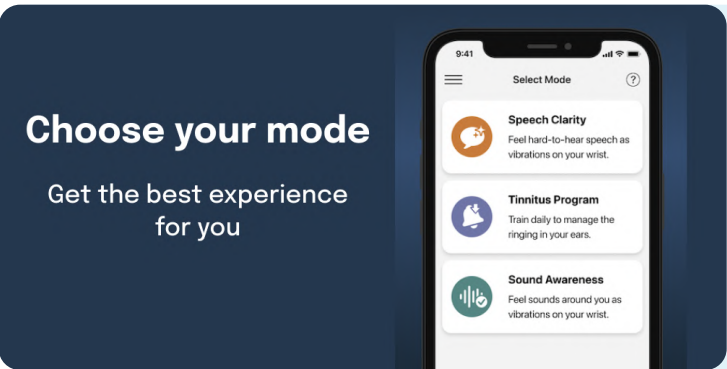
Clarify: Clarify listens for speech and translates difficult to hear phonemes into vibrations on the wrist. After 3 weeks of use, the brain combines the vibrotactile stimuli with auditory stimuli to provide greater speech understanding, with or without hearing aids [1].



Sound Awareness: For individuals with severe-to-profound hearing loss. The band captures important sounds like alarms, car noise, doorbells, or alarm clocks and translates them into vibrational patterns felt on the wrist, bringing rich situational awareness and safety to the user.

The Wristband at a Glance

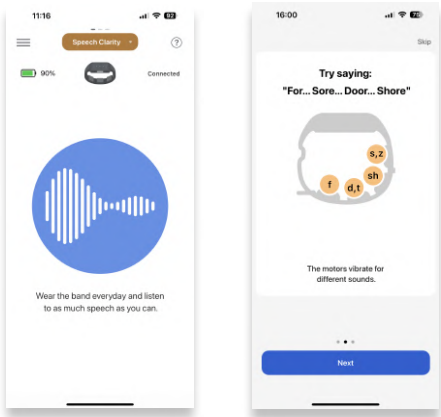
1. **Long battery life:** Power for more than 24 hours of continuous usage. Recharge using the provided USB-C cable.
2. **Status lights:** Shows the mic sensitivity and battery level
3. **Hypoallergenic band:** Medical quality silicone is comfortable, easy to clean and antimicrobial. Two sizes to fit most teenagers and adults.
4. **Adjust microphone sensitivity:** You can select how much sound the wristband picks up. Too much background noise? Simply turn down the mic.
5. **Four independent motors:** Feel and interpret sound with over 4 billion possible vibration patterns. Adjust the strength of the vibrations in the app.



The Neosensory App, available for iPhone and Android, allows users to switch seamlessly between all three modes.

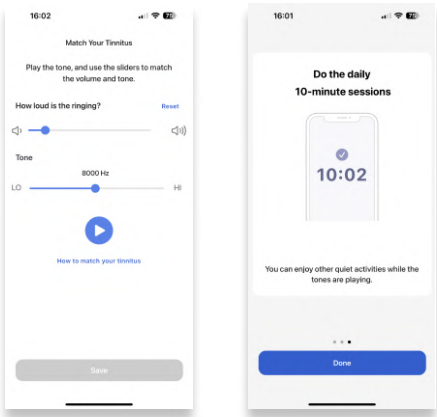
For Tinnitus:

Our tinnitus solution, Duo, is based on bimodal stimulation (sound + touch). Our trials show an average improvement of 22 points on the Tinnitus Functional Index for moderate to severe cases and 94% of those users reported tangible symptom improvements after 8 weeks (see [Perrotta et al 2023](#), International Tinnitus Journal). The effectiveness of bimodal stimulation in tinnitus sufferers has been previously demonstrated in studies conducted by separate teams at the [University of Michigan](#) and [Trinity College, Dublin](#).



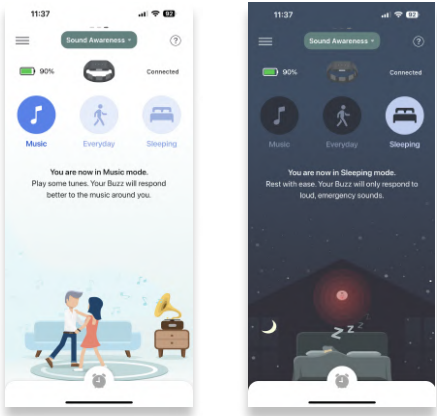
For Speech Understanding and High Frequency Hearing Loss:

Clarify is intended for all patients who have difficulty Understanding speech. The wristband uses AI to listen in real time for high frequency phonemes (the ones most difficult to hear, especially in background noise). It then alerts the user whenever those sounds are detected. Clinical trials show that within 3 weeks, the brain learns to seamlessly combine the information at your ear with the vibrations from your wrist ([Kohler et al, 2023](#), MedRxiv). Users indicate significantly improved speech understanding, even if they already wore hearing aids, as measured by their APHAB score.



For Profound Hearing Loss:

Sound Awareness is for individuals with severe-to-profound hearing loss. The band captures important sounds like alarms, car noise, doorbells, or alarm clocks and translates them into vibrational patterns felt on the wrist. Please see ([Perrotta et al, 2021](#), Neuroscience) for more information.



Each unit can perform in Tinnitus mode, Clarify mode and Sound Awareness mode- switching is very easy via the free Neosensory App. Your patients will get full, unrestricted access to all programs. (The tinnitus + hearing loss combination is extremely well received by thousands of users).



A new generation of non-invasive hearing technology, born of breakthroughs in neuroscience