

# Hearing Enhancement, Inspired by Technological Advances

Three years ago, Alango Technologies, a leading provider of digital sound enhancement technologies since 2002, set out to create a line of multifunctional, high-performance, affordable assistive hearing products, leveraging recent technological and manufacturing advances. The result is its Wear & Hear line.

## Personalized Hearing in the Guise of a Bluetooth Headset

The first product, BeHear® NOW, is a stylish personal hearing product. It looks and functions like a Bluetooth® stereo headset, but also includes ambient hearing amplification. It is fully customizable, using the results of a built-in hearing test that can be performed with the assistance of a hearing professional, or self-administered.

## Top-Quality Components Enhance All-Around Hearing

BeHear NOW uses similar digital signal processing technology found in hearing aids, such as noise reduction, multichannel compression, feedback reduction, and more. It improves the overall hearing experience when conversing in person, watching television, listening to live music, or just going about daily activities.

## Main Features of This Assistive Hearing Headset

**Design & Scope:** BeHear NOW looks, feels, and operates as a fully functioning Bluetooth stereo headset.

**Customization:** Using the BeHear NOW smartphone app, the headset can be fine-tuned easily by the wearer to suit real-time situations.

**Technology:** BeHear NOW leverages the most advanced consumer electronics integrated circuits and Alango's field-proven sound enhancement technologies.

**Sound quality:** The highest quality components designed for high fidelity music allow for the efficient reproduction and amplification of sounds in a much wider acoustic frequency range.



*BeHear NOW pairs with Bluetooth devices, such as phones, to deliver personalized sound directly to your ears.*

**Assistive listening:** Bluetooth connectivity enables audio signals from paired devices—such as a television set, the Wear & Hear HearLink™ TV transmitter, or a remote microphone—to be sent directly to the wearer's ears, improving clarity.

## Converse Freely

BeHear NOW uses multi-microphone technology to feed intelligent algorithms that cancel out unimportant noise. The result: improved intelligibility of spoken language.

On the phone, hearing comprehension tends to decrease when listening to “fast talkers” and foreign languages, complicated by the lack of body language cues. BeHear NOW's EasyListen™ technology works real-time to dynamically slow down incoming speech, whether in a live phone conversation or from a recorded message. This makes speech more understandable while maintaining a natural conversation flow.

## Consistently Comfortable

BeHear NOW's lightweight neck loop design comes with a variety of comfortable earbuds for every ear shape. Plus, the battery is engineered to last throughout your waking hours. Use the neck loop all day and then charge the long-life battery while you sleep. Vibration alerts provide information about phone calls and device states (power off/on, Bluetooth pairing, charging connection).

BeHear NOW heralds a new era of hearing enhancement wherein stylish, affordable, always-on, always-connected wearable audio devices deliver clear, natural, customized audio and voice directly to your ears. —

**Wear & Hear**  
Hearing On Demand

*Wear & Hear is a line of wearable audio devices developed by Alango Technologies, a leading supplier of voice and audio enhancement technologies. Visit [wearandhear.com](http://wearandhear.com).*