

Inclusive Designs

Earbud Assistive Listening Case

AudioTelligence has announced a new product concept that, for the first time, integrates assistive listening technology into an earbud charging case.

In what would be a world-first combination of hearing technology with earbud charging, the concept addresses the challenges faced by many people with hearing impairment in social situations where conventional hearing aids may fall short. With a sleek and modern design, the charging case has been designed to better align with the form factor of popular wireless earbud cases.

AudioTelligence said that the case has been designed to be both user-friendly and appealing because it hopes that the discreet and modern design will encourage wider adoption of hearing technology integrated into consumer products.



Picture shows two men ,one with an ear bud,sitting across a table and chatting over coffee.

[click to watch the video](#)

Users will no longer need additional hardware or accessories: help with hearing better becomes available in a device that they already carry with them. With this practical solution to a common problem, AudioTelligence said that it wants to 'revolutionize' the assistive technology market.

This concept capitalizes on the growing popularity of TWS earbuds as cutting-edge consumer accessories and takes advantage of the blurring lines between consumer tech and professional hearing devices.

Powered by AudoTelligence's, the assistive listening devices within the earbud charging case use blind source separation (BSS) to process audio signals from multiple microphones. This technology separates each source of sound with a consistent spatial location into its own distinct channel of audio. The result - a remarkable capability for individuals with hearing loss to seamlessly follow the conversation.

<https://audiotelligence.com/resources/the-revolutionary-earbud-assistive-listening-case/>

Ava

Ava converts speech to text but adds a unique feature: it does so even in a group discussion, having the ability to identify speech from a specific person and display their name. It's especially useful in a group conversation where the individual with hearing loss finds it difficult to communicate.

Use Ava to transcribe or live caption voice to text for classrooms, business meetings, doctor's appointments, shopping, events, and more. Ava's speech-to-text app makes transcribing any live