



UBERSOUND – Delivering Audio like a Private Whisper

The Project

- Nowadays office work often needs the use of headphones or wearables for long times to join video conferencing and communicate.
- Today you can either wear headphones or annoy your surroundings with a hands free speaker set
- We offer a solution which does not require any kind of hardware at your head while providing a private audio experience
- We therefore generate narrow amplitude modulated ultra sound beams to create a personal sound zone which is only audible for the user and not hearable for others
- We target office workers working with laptops or PCs for conference calls
- Further use cases are related to communication systems in e.g. cars or trains

The Team

Location: Fraunhofer IDMT Oldenburg, PerSound GmbH

Members: Martin Kühnl, Jan Wellmann, Robert Liebchen

AHEAD Infos Batch: 13 & 2023 Phase: 1 Track: Spin-off

The Business Model

Unique Selling Proposition:

We present audio in personal sound zones without headphones or any other hardware attached to the users head. Fully augmented audio with open ears.

Unfair Advantage:

Narrow amplitude modulated ultrasound beams that are not hearable for outside listeners. Proprietary and patented (pending) modulation technology.

Revenue Model:

production

Venture Readiness Level



Technology Readiness Level



The Side Facts

Customer Focus: B2C

Searching For: Customers and Investors

Industry Tags: Handsfree System, Personal Communication, Webcam, VR, AR

Technology Tags: Directional Audio, Ultrasound, Advanced Handsfree, Augmented Audio, Augmented Reality, VR