



AAVAA

Unlock Your Mind

Superhuman Capabilities

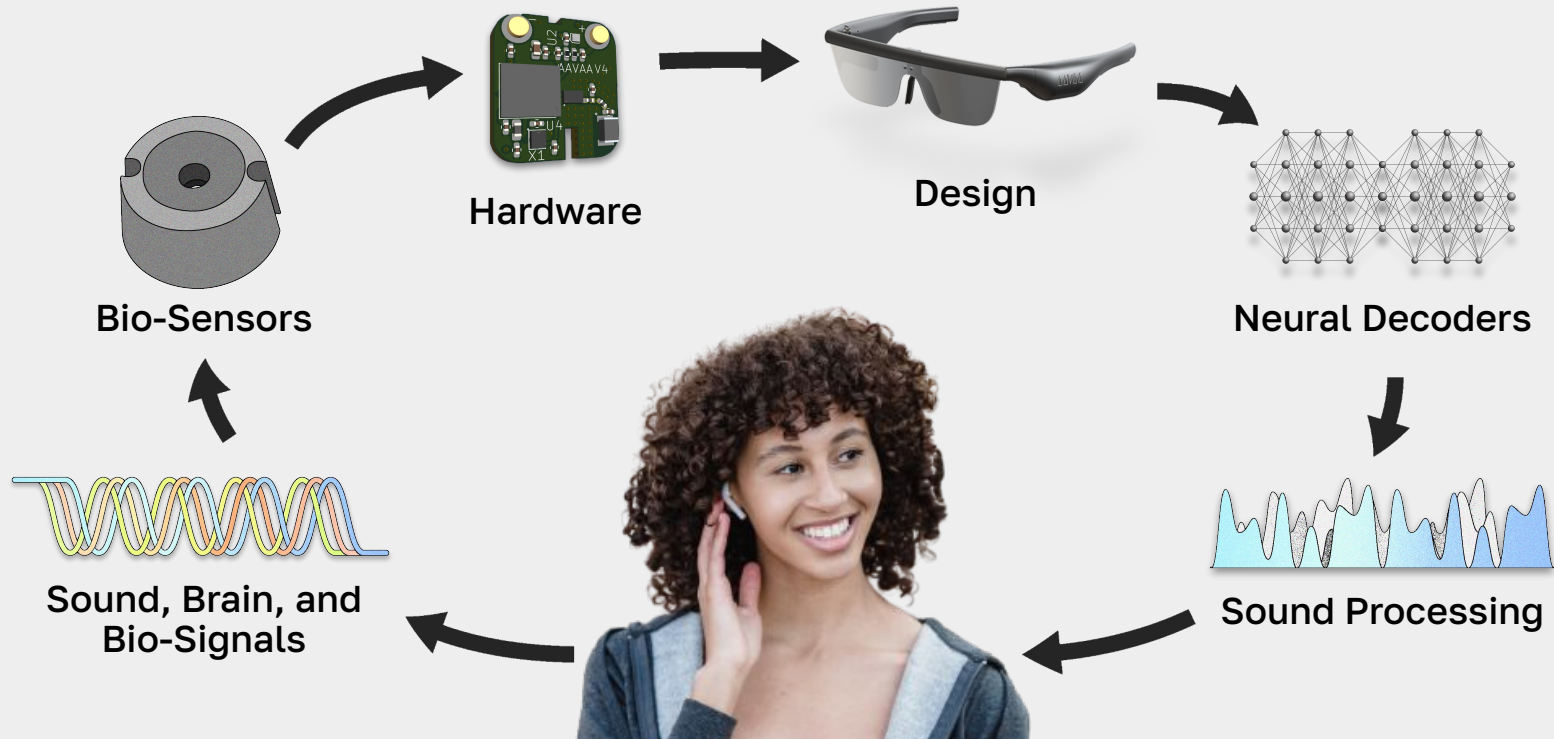


AAVAA's Solution

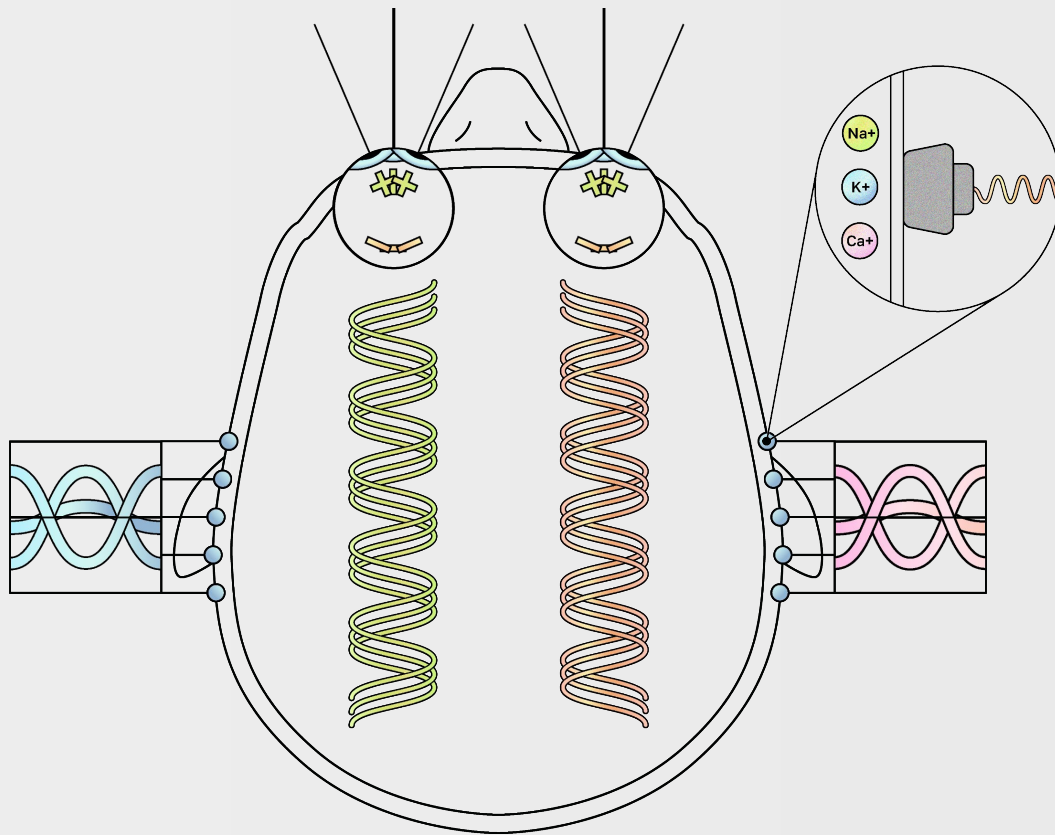
We decode brain and bio-signals to understand a user's attention and subtle commands.



AAVAA's End-to-End Solution



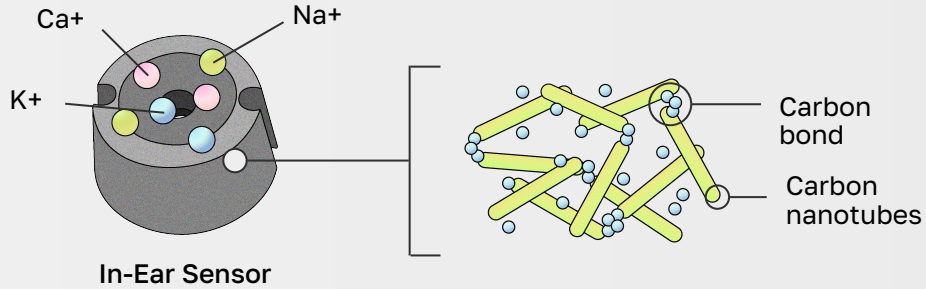
Eye Movement Detection



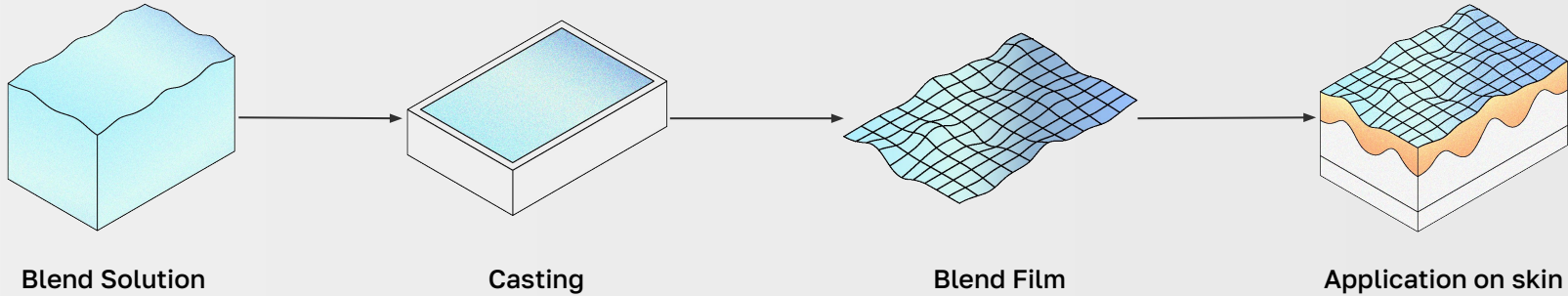
Current Industry Standard



Bio-Sensors



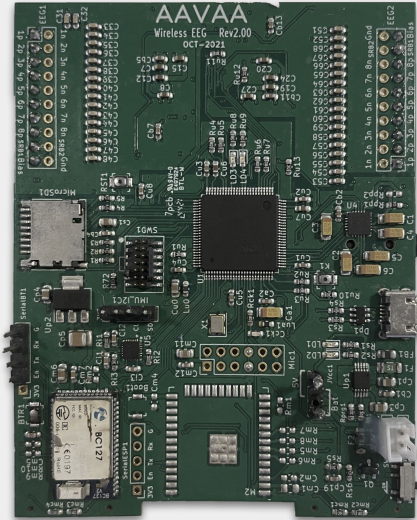
NSERC Alliance Grant



Hardware

V1

7cm x 9cm



V2

1.5cm x 3.7cm



V3

1.6cm x 3.3cm



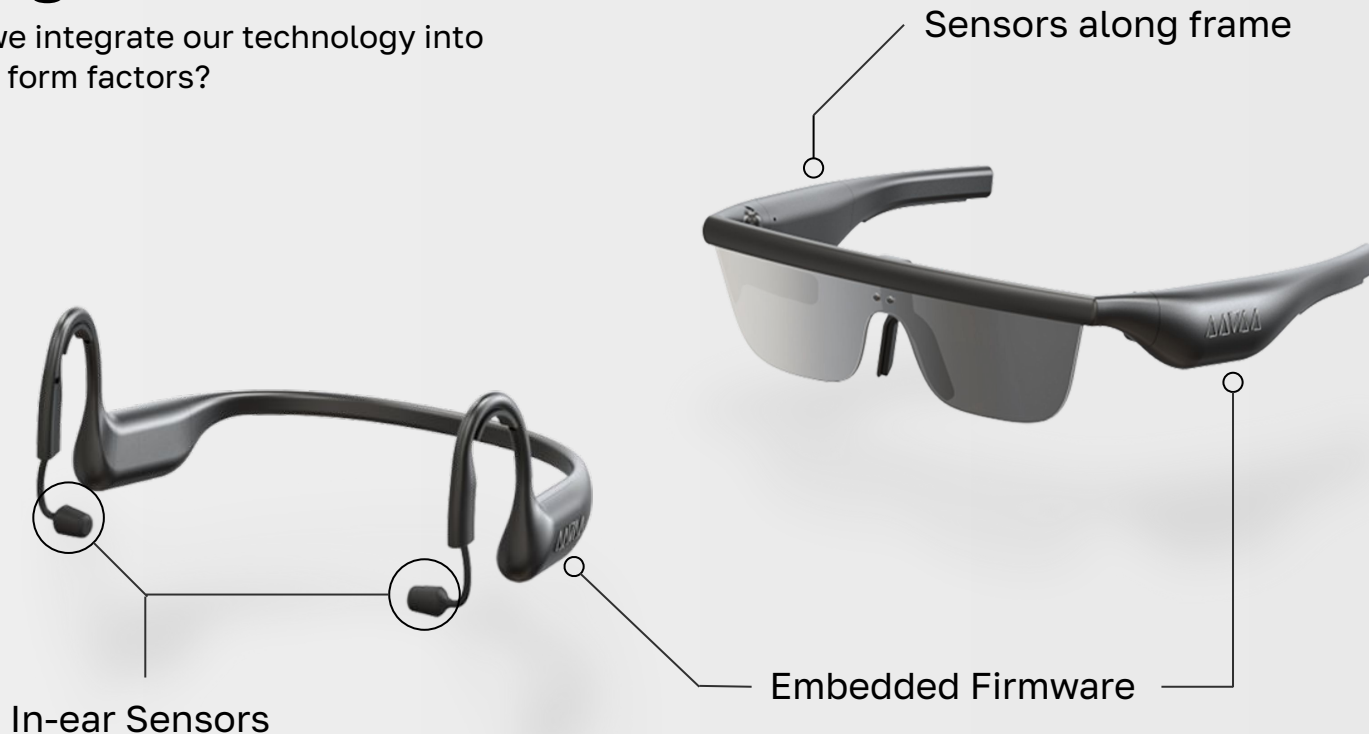
V4

1.15cm x 3cm

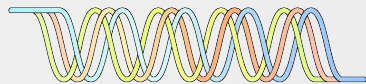


Design

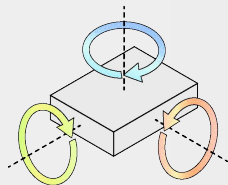
How do we integrate our technology into wearable form factors?



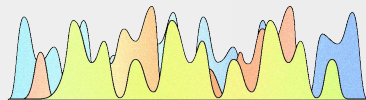
AAVAA NeuroAI Decoders



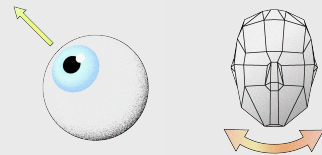
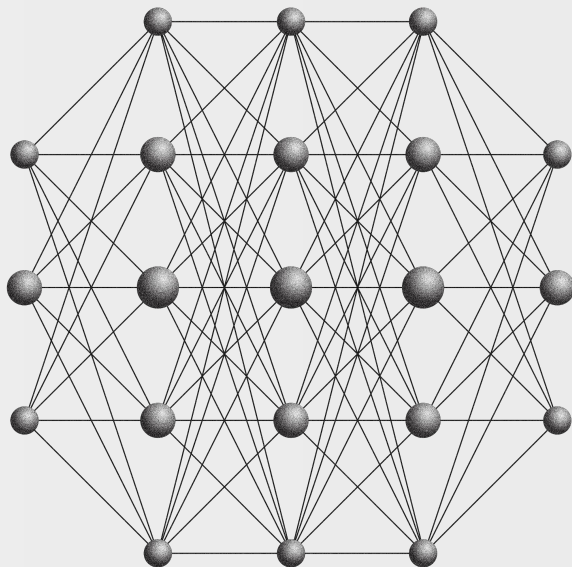
Brain & Bio-Signals



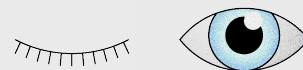
Inertial Signals



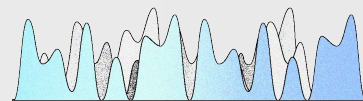
Mixed sounds from
the environment



Attention Signals

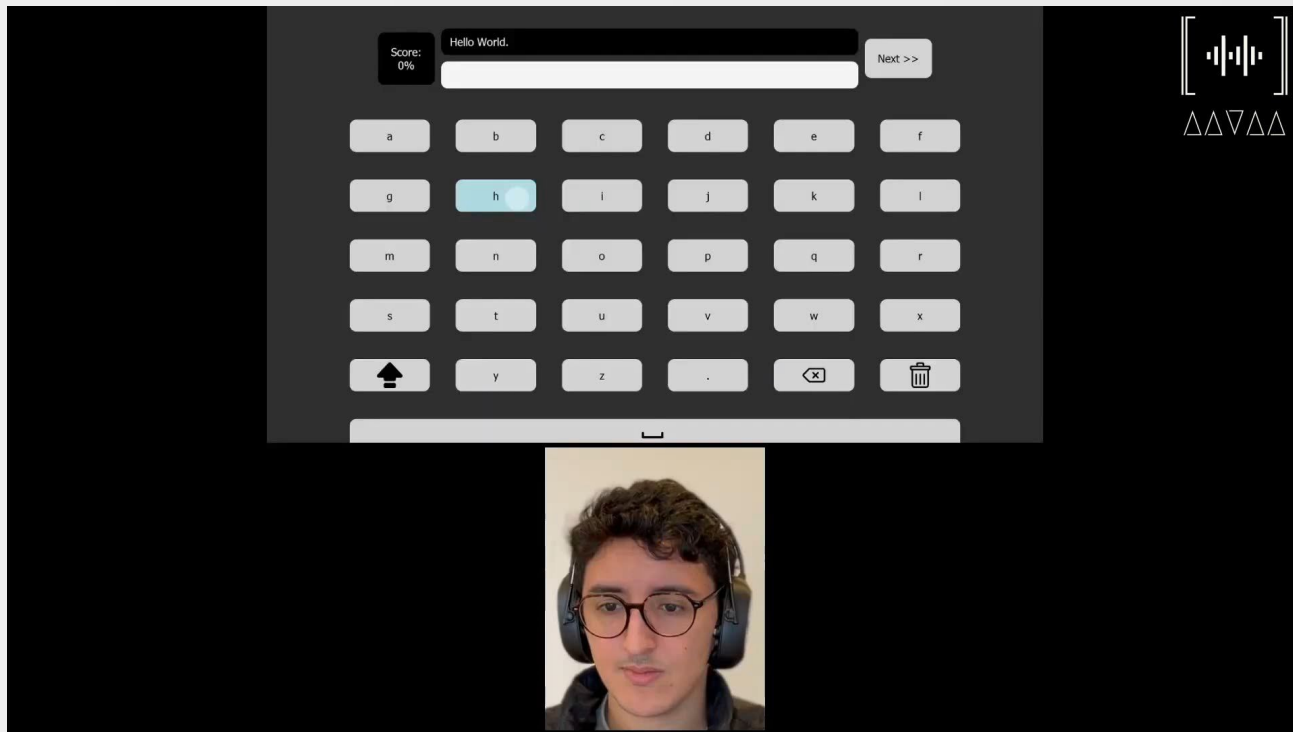


Intent Signals

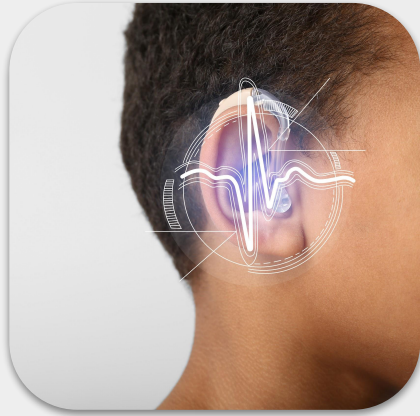


Separated sound
sources

AAVAA Neurotype Demo 2022



Additional Applications



**Brain, Mental, and
Physical Health from
within the ear**



**Redirect attention to
improve safety and
productivity**



**Respond to
attention, emotion,
internal states, etc.**

Interested Partners

Assistive Technology



Hearing Enhancement



Interactivity & AR





AAVAA

Unlock Your Mind