

8 Dopple Earbuds 2-pager (EN)

Tackling symptoms with precision and care.

Primary Functions:

- Freeze of Gait (FoG) Mitigation: Harnessing advanced algorithms to predict and counteract FoG episodes, enhancing mobility and confidence.
- Festination Control: Intelligently detects and provides real-time auditory cues to stabilise walking patterns, reducing the risk of falls.

Secondary Functions:

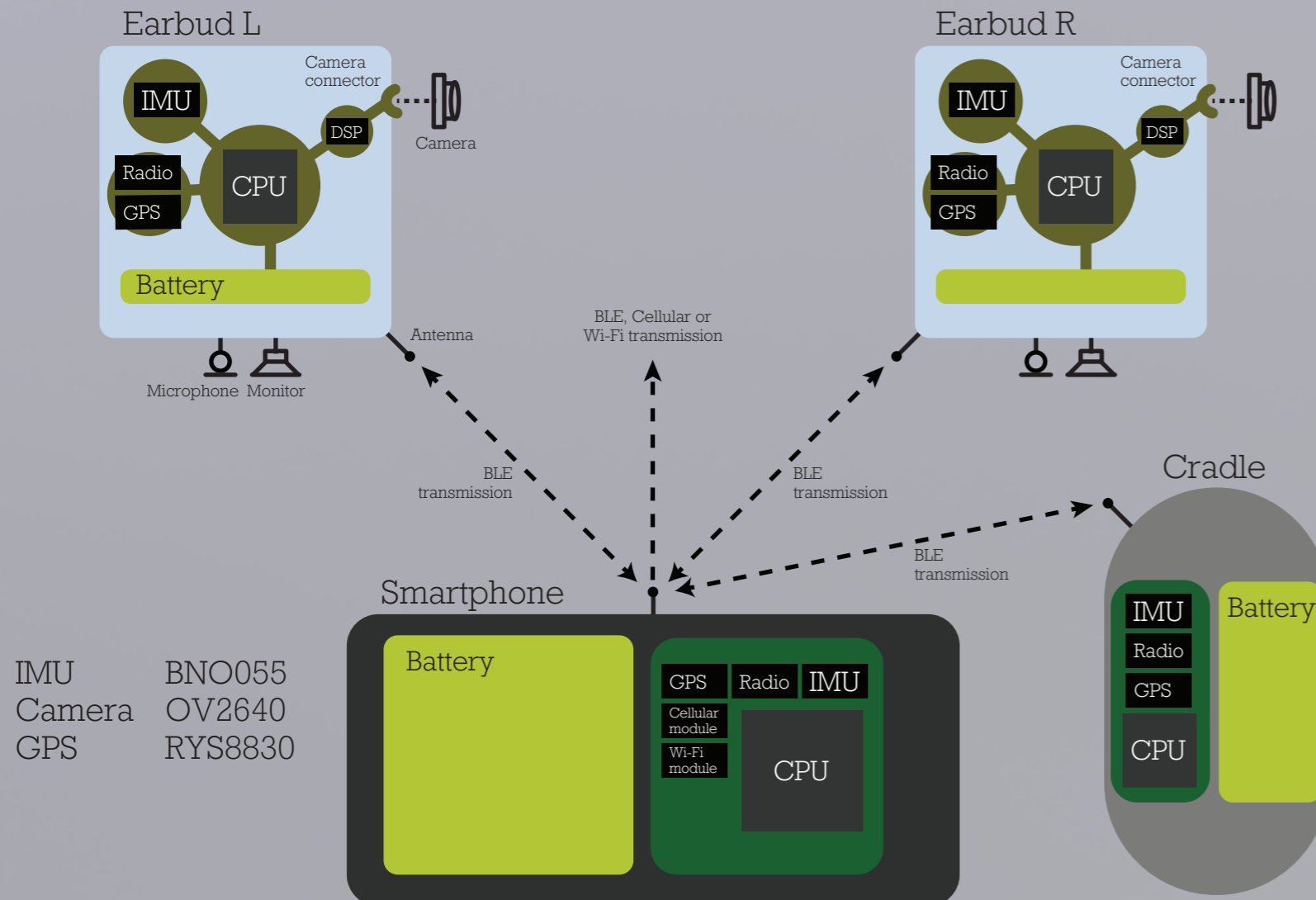
- Remote Monitoring: Enables physiotherapists to track patients' progress and tailor rehabilitation programs remotely.
- Heart Rhythm Monitoring: Offers crucial health data, ensuring timely medical interventions.
- SOS Alerts: Instant emergency notifications,

providing peace of mind for patients and caregivers.

- Music and Call Functionality: Combines therapeutic benefits with everyday convenience.

Seamless integration for enhanced care

- Dual Ear Monitors (IEMs): Work in synergy to deliver accurate health monitoring and effective symptom control.
- Smartphone App: Acts as the control hub, offering patients easy access to settings and therapists insights into patient progress.
- Charging Cradle: Ensures the IEMs are always ready for use, facilitating updates and syncs.





Relieving the burden on physiotherapists

Dopple Drops significantly reduce the frequency of in-person therapy sessions needed, allowing physiotherapists to focus on patients requiring more intensive care. By providing detailed data on patients' daily activities and symptom management, therapists can remotely adjust treatment plans, making care more efficient and responsive.

A solution that improves over time

The Dopple Earbuds harness supervised learning, which ensures continuous refinement of its detection algorithms. Through voice input from the user, the system progressively learns to respond better to individual symptoms and needs. Users can provide feedback through the app or voice commands, enabling the system to discern between true and false FoG episodes. This ongoing adjustment and fine-tuning mean that the RAS cueing and FoG mitigation, and fall detection become increasingly accurate and effective.

