

Audeara Buds



AUDEARA
Feel connected.

Feel connected with Audeara Buds

They're not a hearing aid, but a personalised listening aid.

The Audeara Buds bring accessibility, innovation and personalisation together - delivering a tailored listening experience for people of all hearing abilities.



Personalised Sound

We all hear things differently. Even your left ear hears differently to your right. With the Audeara Buds, you can listen to everything with sound tailored to you.

Complete a quick and easy hearing check using the Audeara Tune app to create your unique hearing profile.

Once your left and right hearing profiles are uploaded to their respective buds, everything you listen to will be personalised to you. Whether you're streaming media or engaging with the world around you.

Your World. Your Sound. Your Buds.

Audeara Buds are perfect for streaming entertainment or improving your listening experience in any setting. Switch between these three listening modes to control the sound around you:



Aware

Hear the world around you clearly. Whether you're streaming entertainment or not.



Speech

Engage effortlessly in day-to-day conversations. Annoying background noise is reduced while voices in front of you are enhanced.



Focus

Need to concentrate? Focus mode turns the world off with active noise cancellation, so you can stay in the zone.

Smart Controls

Discreetly adjust the volume and switch between listening modes with smart touch sensors on the Audeara Buds or with the buttons on the Smart Charging Case.

Buttons	Situational Listening	Media	Calls
+ -	Ambient Volume	Media Volume	Call Volume
🔊	Mode Selection	Play / Pause	Answer / End Call





Accessible Design

Easily identify left and right buds with clear labels and match them with their corresponding charging ports inside the case.



Connect with Bluetooth®

Connect to your phone, tablet or laptop with Bluetooth®, so you can FaceTime with family, listen to music or game with friends.



IPX4 Splash Resistant

Confidently wear the Audeara Buds rain or shine, both indoors and outdoors.



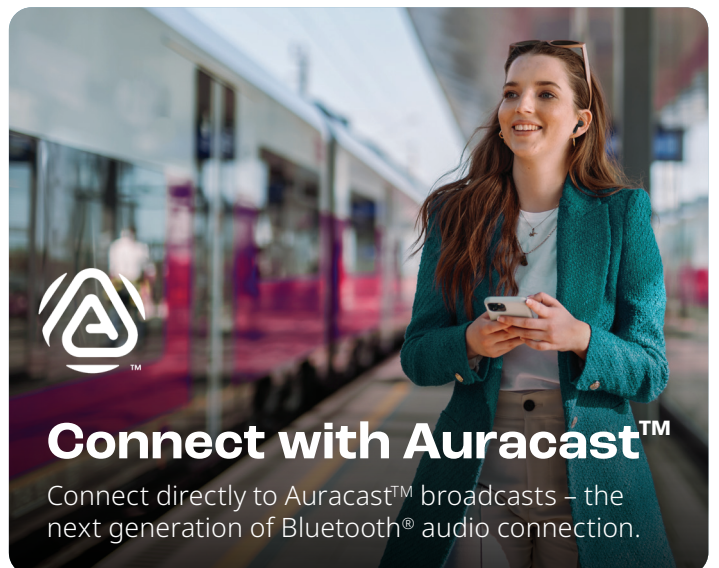
Tap to Pair with NFC

Does your phone have NFC? Simply tap the case against your phone, and they will pair instantly.



Wireless Charging

Drop the case onto the included charging pad for wireless charging.



Connect with Auracast™

Connect directly to Auracast™ broadcasts – the next generation of Bluetooth® audio connection.

Up to **8** hours of listening time with one charge

+2 additional charges from the case

Audeara Buds Technical Specifications

Sound quality

Frequency response	20-20 000 Hz
Fitting bandwidth	12kHz
Processing channels	96 (48/ear)
Audio core	24bit/192kz

Personalisation

Hearing profile range	60dB
Personalisation formulae	AUA-PPA (Hear-through) AUA-MPA (Streaming)

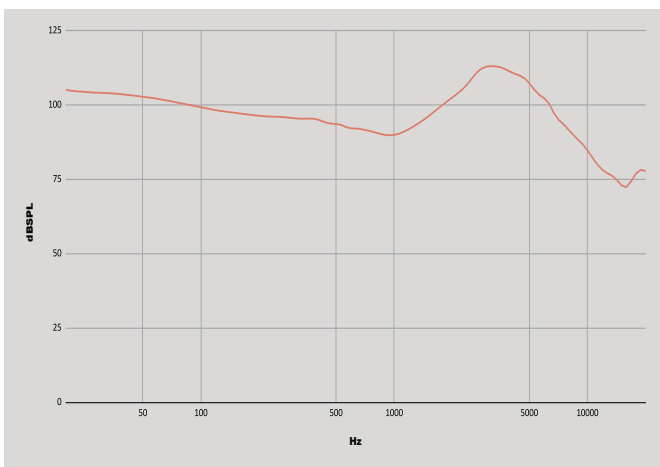
Hearing Profile Configuration (streaming & hear-through)

Hearing profile generation	Audeara Tune mobile app (consumer)
Audiogram input	Audeara Tune mobile app (consumer)

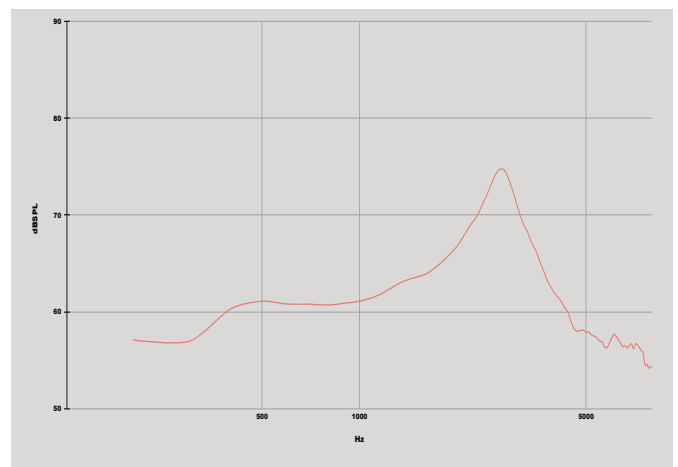
Connection

Programming and FW Upgrade	USB-C (Charging case) Mobile App (Buds)
Bluetooth®	Version 5.3 • Bluetooth Low Energy • Auracast™

Frequency Response – Streamed



Frequency Response – Pass through



Technical data	2CC Coupler ANSI 3.22, ANSI/CTA-2051
Frequency Range	20-12200Hz
OSPL90	Max: 110dB SPL HFAvg: 103.5dB
HFA Gain - 50dB Input (Avg 1, 1.6, and 2.5 kHz)	25dB
Full-on gain (50dB Input)	27dB
Reference test gain (60dB Input)	24dB
Dynamic Control	WDRC 48 bands / ear
Impulse Noise Reduction (INR)	-15dB above 95dB SPL
Total Harmonic Distortion + Noise (70 dB SPL)	0.05% at 800 Hz
Latency (Analogue to analogue)	< 7ms
Active Noise Cancellation	> 35dB PL Max
Battery life	Up to 8 hours play time
Charging case	2 full charges 15 min fast charge (2hrs play time)