

BeHear[®]

ACCESS

Convenient, Intuitive, Affordable: All-Around Hearing Enhancement



BeHear ACCESS is a Personalized Hearing Amplifier that combines the functionality of an advanced digital hearing aid, Bluetooth[®] stereo headset, and assistive listening device.



Take Control of Your Own Hearing

A free mobile app for iOS and Android includes a self-administered hearing assessment. The results are used to automatically generate sound amplification profiles for a variety of environments. Fine-tune these profiles in real time to achieve the best personal experience for any live hearing situation.



Be Part of the Conversation

Advanced technology based on input from four separate microphones cancels out distracting noise while amplifying important sounds. The result: improved intelligibility of speech, whether you are having a one-on-one conversation, chatting outdoors, or trying to follow the topic in a noisy place.



Increase Your Comprehension of Mobile Phone Calls

With EasyListen™, incoming speech from mobile phone conversations or recorded messages can be slowed down dynamically and in real time without distortion to increase comprehension while maintaining a natural conversation flow.



Stay Safe and Alert While Enjoying Streamed or Live Audio

Designed to pass through important sounds while you enjoy streamed audio or live audio via induction loop, the ListenThrough™ feature also allows you to determine the level of transparency of those sounds, blocking out unwanted noise without compromising the music, video, or podcast sound quality.



Comfortable Fit for Hours of Use

24 combinations of silicone ear buds and hooks ensure a great fit while large, tactile buttons and a charging cradle simplify use. Lasts for 13 continuous hours in hearing mode. When not in use, the headset's earbud magnets will secure it on the neck, and it will vibrate to indicate an incoming call.

Electrical Specifications

Bluetooth

- Compliance: v.4.2 + EDR + Low Energy
- Profiles: HFP v1.6, HSP v1.2, A2DP v1.2
- Transmission power: Class II, +4dBm
- Operating range: 10m (30 ft)
- Supports multi-point pairing (2 devices)

Acoustic Performance

- Maximal Sound Pressure Level (OSPL90):
 - 100 dB in talk and play modes
 - 116 dB in sound amplification mode
- Full-on Gain: 42 dB
- Total Harmonic Distortion (THD): < 0.7%

Receiver Specifications

- Speaker: 13.6 mm electrodynamic receivers
- Frequency Response: 20 Hz to 20 kHz

Microphone Specifications

- Microphones (4 in total):
 - Dual 6mm omnidirectional EMC
 - Dual omnidirectional digital
- Frequency Response: 100 Hz to 10 KHz

T-coil (Telecoil) Receiver

- Type: Dual coil
- Frequency range: 200 Hz – 8 KHz

Battery

- Rechargeable single-cell Lithium Ion
- Charging interface: Micro USB
- Capacity: 250mAh
- Charging time: <3 hours

Operation Time

- Hearing Mode: 13+ hours
- Talk: 10+ hours
- Play: 8+ hours
- Standby: 400 hours

Agency Approvals

- CE RED
- FCC
- TELEC (pending)
- SRRC (pending)

Specifications are subject to change without prior notice.

DISCLAIMER:

BeHear ACCESS is not a medical device (hearing aid). It is intended to provide situational sound amplification in specific environments or use cases according to user preferences.

Mechanical Specifications

Physical Specifications

- Neck loop form factor (behind the neck)
- Headset weight: 47 g (1.7 oz.)
- Package weight: 640 g (22.6 oz.)
- Package dimensions: 202mm x 232mm x 53mm (8" x 9" x 2")

Vibration Alerts

(enabled/disabled via W&H BeHear app)

- Power On/Off
- Bluetooth pairing
- Bluetooth connection/disconnection
- Connecting to charger
- Incoming call (synchronized with call tone)

Package Contents

- Headset
- Micro USB charging cable
- 3 types of silicone ear buds in varying sizes
- 3 sizes of silicone ear hooks
- 2 pairs wind protection covers
- Quick Start Guide
- Durable travel pouch



- L** Left hand
- R** Right hand

- 1 Microphones
- 2 Magnets to connect buds when not in use
- 3 Silicone ear buds and hooks
- 4 LED indicator
- 5 Power button
- 6 Neck band
- 7 Clips to secure cable
- 8 T-coil receivers
- 9 Assistive hearing controls
- 10 Music/Call controls
- 11 Charging cradle