

by Alango
behear.[®]
LIFE SOUNDS BETTER

Meet BeHear[®] SMARTO

A simple yet powerful
personal listening amplifier
with Bluetooth[®] connectivity



Overview

- ▶ Hand-held or body-worn personal listening amplifier
- ▶ Can be used “out-of-the-box”, or programmed based on hearing test
- ▶ Provides up to 70dB hearing boost
- ▶ Use for live conversations, mobile calls, and streamed audio from a cell phone, TV, computer, or music player
- ▶ Supplied with two types of wired headsets: in-ear and over-ear



Target Audience

People with difficulty hearing who:



Require significant sound amplification

Are unable or unwilling to use hearing aids

Are limited (by mobility, vision, dexterity, or dementia)

Use Cases

Face-to-Face Meetups

- ▶ Noisy backgrounds
- ▶ One-on-one conversations
- ▶ Multiple participants





Use Cases

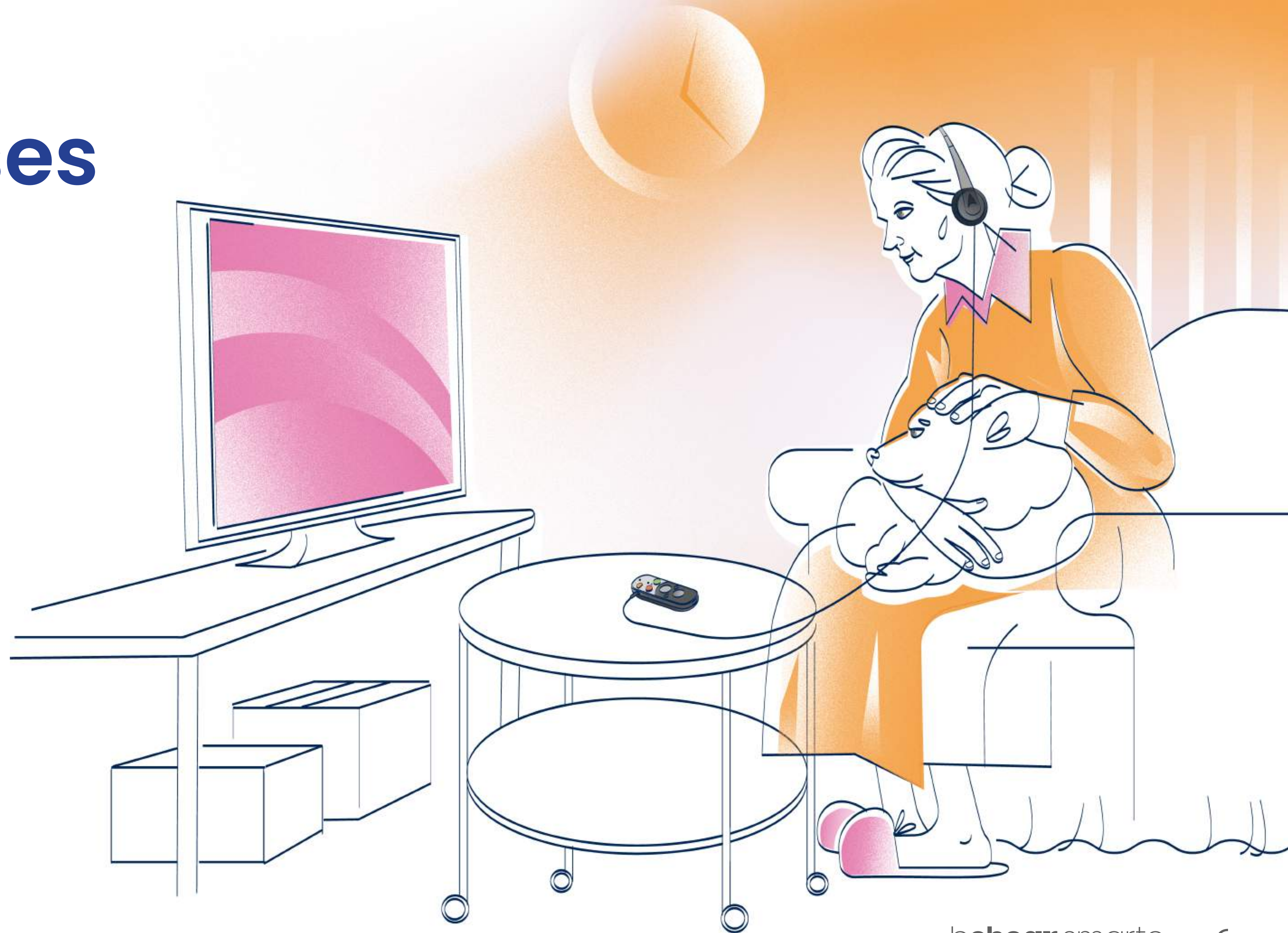
Obscured Interactions

When speaker's face is not visible:
behind a mask, back turned,
different room, etc.

Use Cases

Streamed Audio

- ▶ TV watching
- ▶ Music
- ▶ Podcasts





Use Cases

Mobile/Video Calls

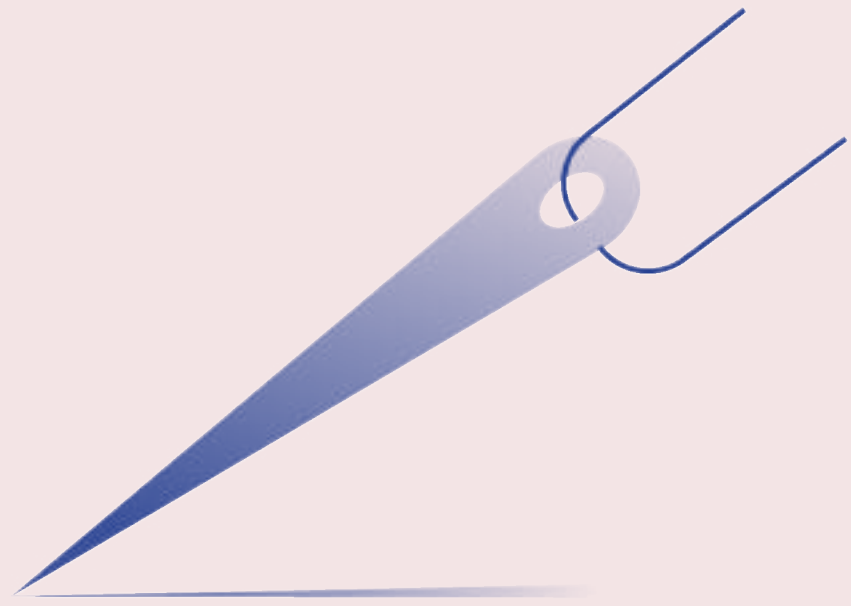
- ▶ Person-to-person
- ▶ Conference calls
(Zoom, Skype, Facetime, etc.)

Key Differentiators

- ▶ Plug & Play, or programmed with a hearing test
- ▶ Directional microphones for conversation focus
- ▶ Maximum gain of up to 70dB
- ▶ Single-press emergency call button
- ▶ Bluetooth connection for mobile calls and audio streaming
- ▶ Function lock to avoid accidental operation
- ▶ Field-proven technology for noise reduction, including hands/clothes contact with SMARTO

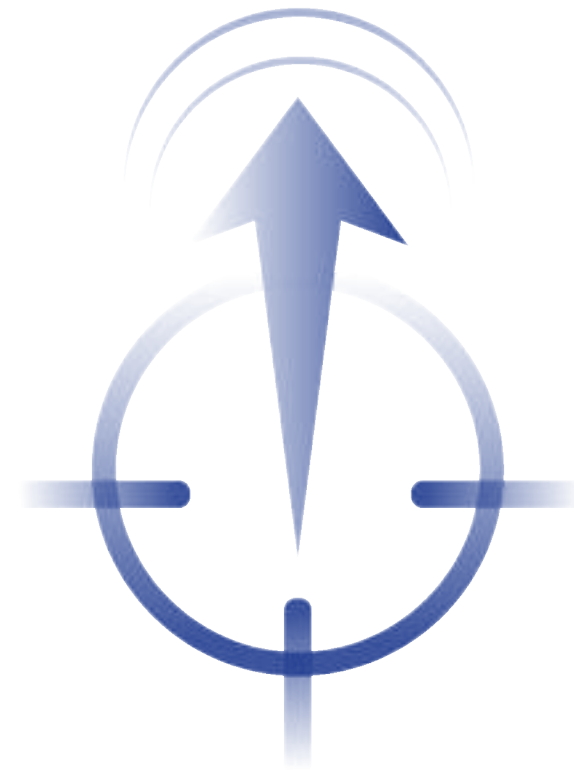


Key Benefits



Tailor-made Amplification

Customized to suit each user's unique hearing profile



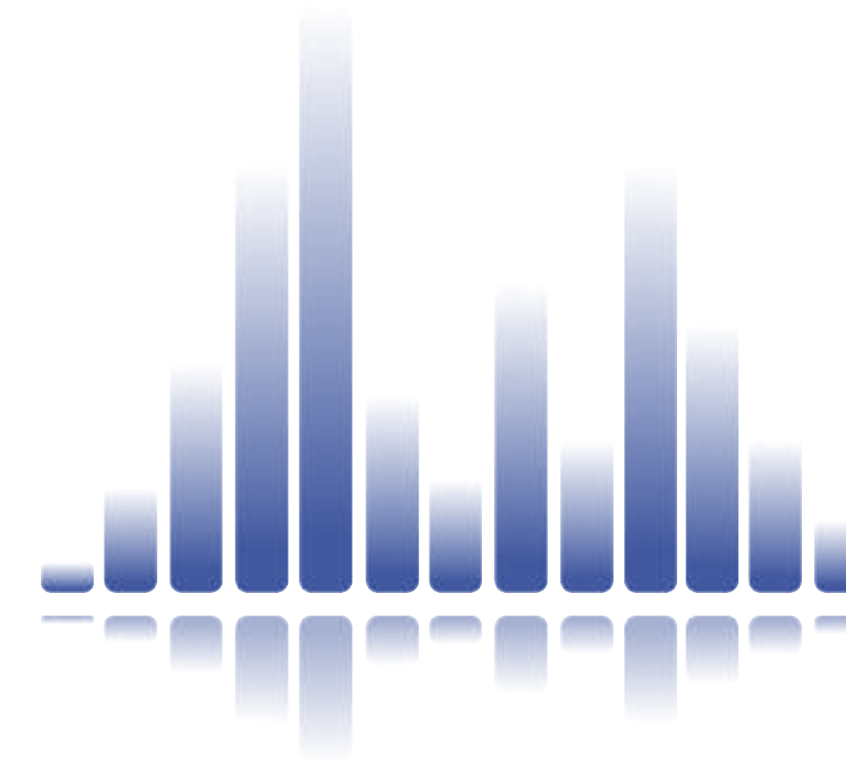
Sound Focus™

Set the direction to concentrate on the people nearby



Loud & Clear Mobile Calls

Speech is amplified making it easier to communicate



Superior Audio Quality

Stream TV, music, and audio to enjoy all sounds



Peace of Mind

A single-press emergency call option to stay connected and safe

Simple Operation

- ▶ Body-worn with lanyard or clip, or hand-held
- ▶ Large, colorful buttons for easy tuning and call handling
- ▶ Rechargeable battery with charging cradle
- ▶ Two headset options: over-the-ear or in-ear
- ▶ Advanced functions are locked by default to simplify use
- ▶ Easily cleaned: water and dust protection (IP67)



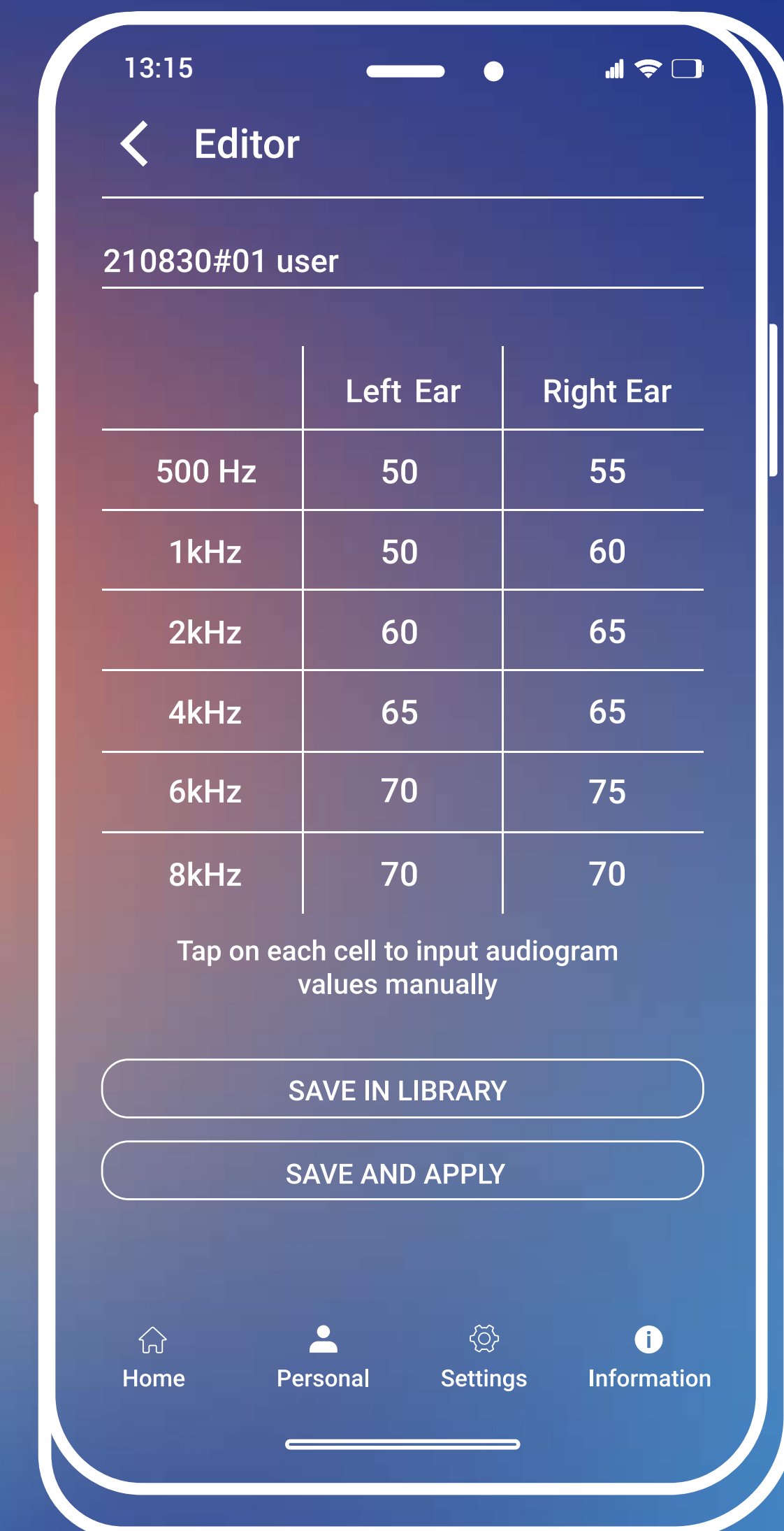
Full Customization Option

In the clinic or at home

- ▶ Download the BeHear app to a smartphone
- ▶ Pair it with SMARTO

Personalize SMARTO

- ▶ Input user's latest hearing test results, or
- ▶ Perform the built-in Hearing Assessment



Competitive Landscape

MANUFACTURER	BEHEAR BY ALANGO	BELLMAN AND SYMFON	WILLIAMS SOUND	COMFORT AUDIO
PRODUCT NAME	SMARTO	Maxi Pro	Pocketalker	Comfort Duet
Programmable	✓	—	—	—
Directionality	✓	—	—	—
Emergency call button	✓	—	—	—
Bluetooth connectivity	✓	✓	—	—
Rechargeable battery	✓	✓	✓*	✓
Charging cradle	✓	—	—	✓
Telecoil	—	✓	✓	✓
Maximum gain (dB)	70	49	63	60
Operating time (max. hours)	48	70	105	20
Retail price	\$189	\$250	\$189/223*	\$145

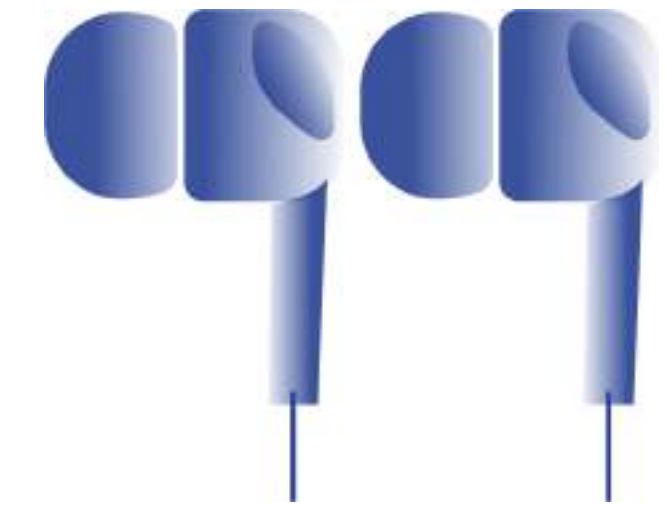
What's in the Box?



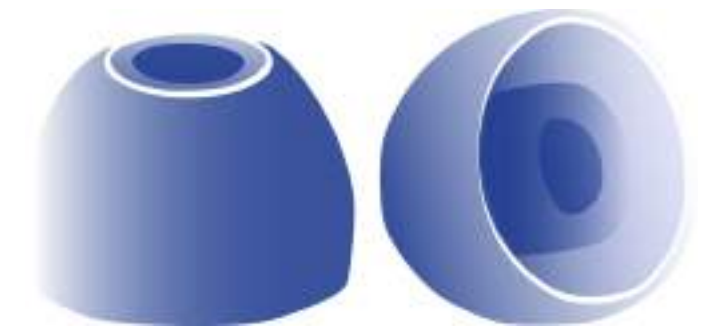
SMARTO
device



Headset
(over-ear)



Headset
(in-ear)



Earbuds
in varying sizes



Charging
cradle

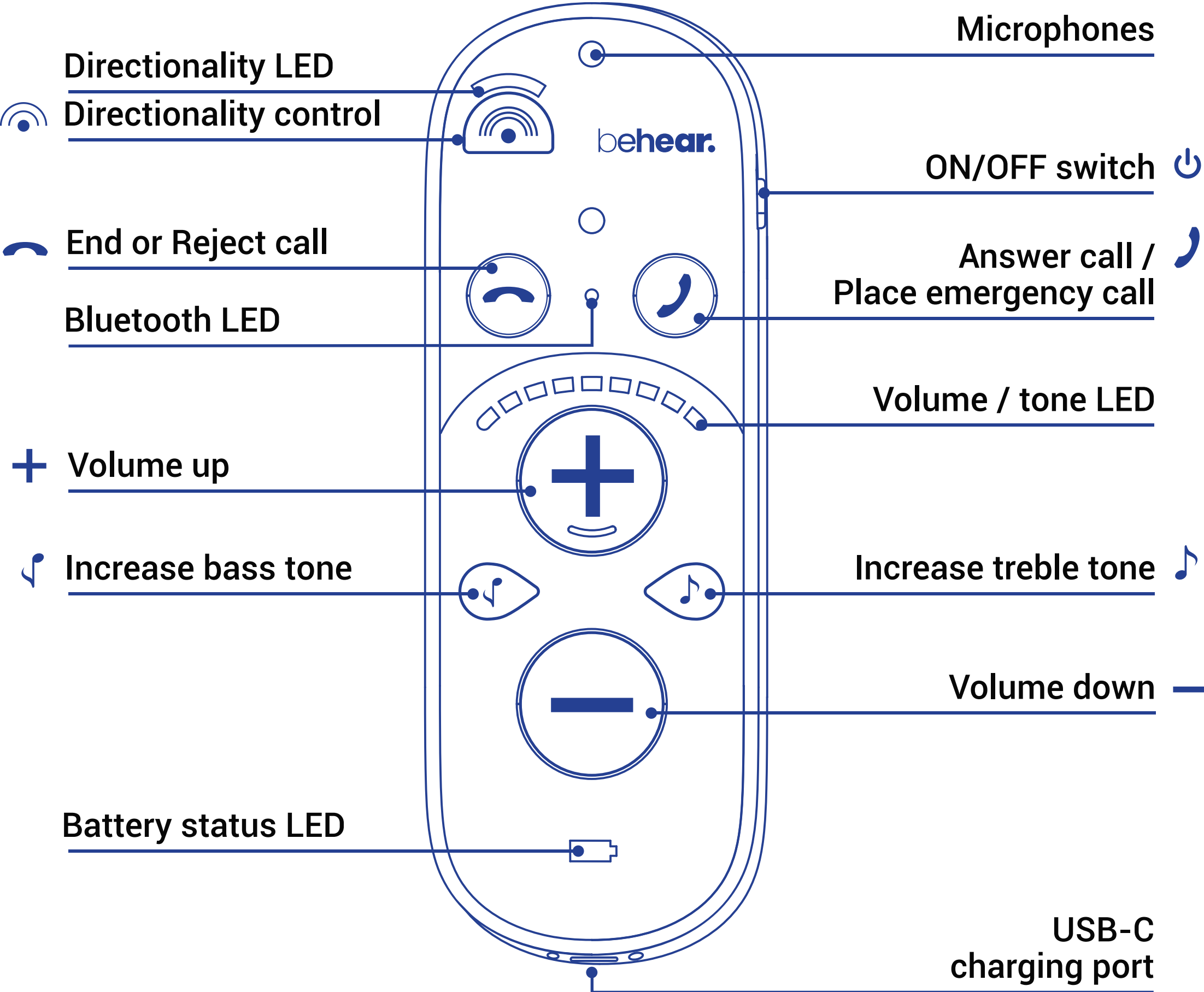


USB-C
charging cable

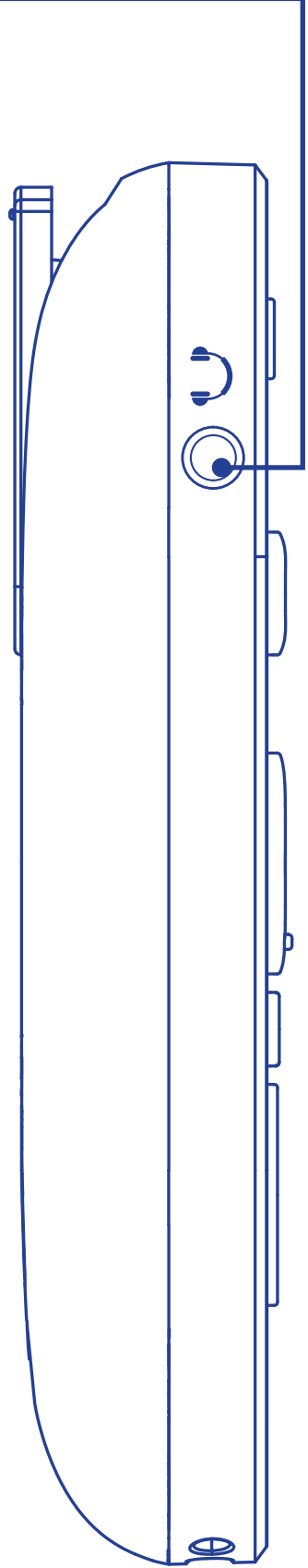


Lanyard
(neck strap)

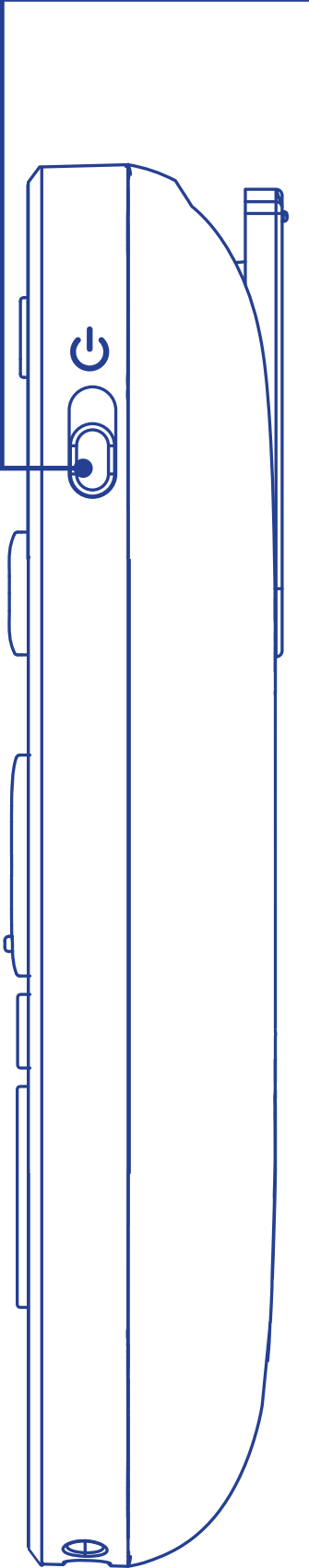
Mechanical Layout



3.5 mm, 4-pin headphone jack

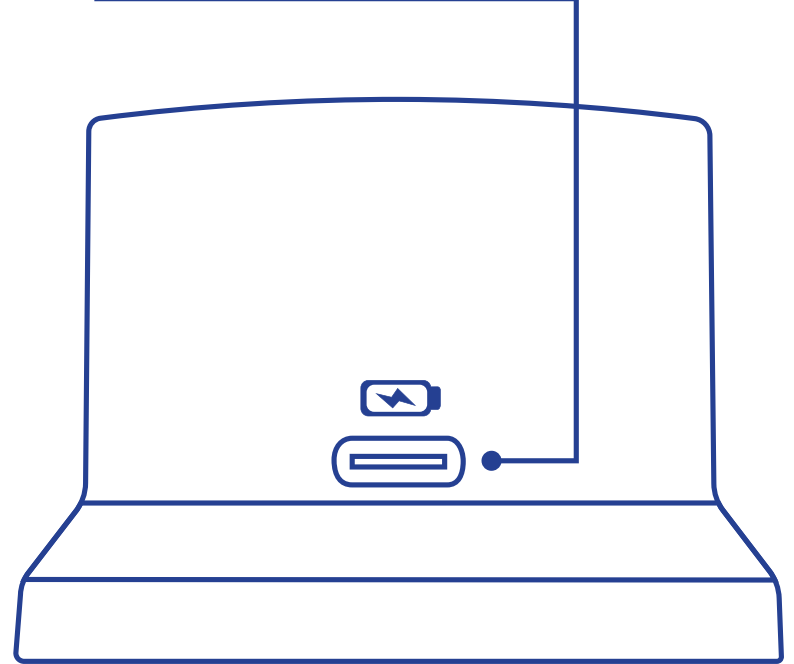


ON/OFF switch



Charging cradle

USB-C charging port



Battery status indicator



Product Specifications

Bluetooth

Working range: 10m

Specifications: 5.0 + EDR + BLE

Supported CODECs: SBC, aptX, aptX-LL

Audio

Embedded microphones (digital)

- Number of microphones:
 - 2 in device
 - 1 in each supplied headset
- Frequency range: 100Hz –10kHz

Speaker Driver (in supplied headsets)

- Number of channels: 2
- Frequency range: 20Hz –20kHz
- Sound Level: up to 120dB SPL

Battery

Power

- Embedded rechargeable battery: Li-Ion
- Battery capacity: 1000 mAh

Operation Time (hours)

- Sound amplifier: 48
- Voice calls: 36+
- Audio streaming: 40+
- Standby: 1000+
- Charging time: 2-3

Mechanical

Connector type (main and cradle): USB-C

Dimensions: 4³/₄" x 1⁵/₈" x 1³/₁₆"
(120 x 40 x 20 mm)

Weight: ~ 2.6 oz (~75 g)

Splash water resistant

Certifications





Questions?

Contact us...

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by Alango
behear[®]
L I F E S O U N D S B E T T E R