



BeHear® NOW

User Manual



Sound Enhancement by Alango Technologies, Ltd.

Wear & Hear is the brand name for a line of concept, future-looking wearable audio devices that are being developed by Alango Technologies, a leading supplier of voice and audio enhancement technologies for the communication and entertainment markets.

BeHear is a registered trademark of Alango Technologies, Ltd.

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Contents

Introduction	5
Device Overview	6
Basic Operation	8
Charging the Battery	8
Turning the Headset On and Off	8
Checking the Battery Status	8
Checking the Battery Level using the Headset	8
Checking the Battery Level using the Application	8
Wearing Instructions	9
Fitting the Ear Buds and Hooks to Your Ears	9
Getting Started	11
Pairing with Bluetooth Devices	11
How to Place the BeHear NOW Headset into Pairing Mode	11
Pairing BeHear NOW with Additional Bluetooth Devices	11
Connecting with Bluetooth Devices	11
Automatic Connection of Paired Bluetooth Devices	11
Choosing from Multiple BeHear NOW Headsets Paired to the Same Smartphone	11
Connecting Simultaneously to Two Different Bluetooth Devices	11
Checking for Updates	12
Personalization	13
Hearing Assessment	13
Before Starting the Hearing Assessment	13
Conducting the Hearing Assessment	14
Hearing Assessment Results	14
Using BeHear NOW	15
Personal Hearing	15
Managing Personal Hearing Using the Headset Controls	15
Managing Personal Hearing Using the W&H BeHear Application (for Android phones)	15
Managing Personal Hearing Using the W&H BeHear Application (for iOS phones)	16
Handling Phone Calls	16
EasyListen™ – Slowing Down Incoming Speech	16
Listening to Audio	17
ListenThrough™ – Stay Safe & Alert Function	17
Mobile Application	18
Installing the Application	18
Introduction Screens	18
Connection Screen	18

Connection with an Android Phone	19
Connection with an iOS Phone	19
Home Screens	21
Personal Hearing Amplification State (for Android phones)	21
Personal Hearing Amplification State (for iOS phones)	21
Audio Player State.....	22
Phone Call State	22
Hearing Assessment Screens	23
Settings Screen.....	25
Personal Info Screen	26
About Screen.....	27
Tutorials	27
Headset Update	27
Troubleshooting.....	29
General Issues.....	29
Reset the Headset.....	29
Update the Headset.....	29
Legal Information.....	30
FCC Compliance Statement	30
EU Declaration of Conformity.....	30
European Union – Disposal Information	31

Introduction

BeHear NOW combines the functionality of three devices into one:

- **Bluetooth stereo headset** for wireless mobile phone calls and media playback
- **Assistive hearing device** enhancing intelligibility of speech and other important sounds
- **Digital hearing aid** for personalized sound amplification across a wide sound spectrum

BeHear NOW utilizes voice processing technologies developed by Alango Technologies, Ltd., such as:

- **ListenThrough™** - passing through important ambient sounds during music playback
- **EasyListen™** - slowing down speech dynamically during phone conversations
- **Personal Sound Amplifier** - providing dynamic, compressed amplification of ambient sounds
- **Hearing enhancement functions** - including noise reduction, echo cancellation, and more

While the headset itself includes a variety of controls to manage its hearing functions, the W&H BeHear mobile application is also provided to complement these controls. The application allows the wearer to customize the headset for his/her specific hearing capabilities and preferences, and further personalize hearing based on real-time conditions. The application supports:

- **A personal hearing assessment** for automatic adjustment of the sound in each of the operational modes – ambient hearing, phone calls, and audio play – to suit the capabilities and preferences of the wearer
- **Fine tuning** the sound in real time for various hearing environments – Indoor, Outdoor, Crowd or Live Music
- **Management** of assistive listening functions during phone calls and media playback
- **Various device settings**, including default mode behavior, vibration alerts, and more

The W&H BeHear application can be downloaded from the Google Play Store or Apple Store:





Device Overview

BeHear NOW is a neck band style headset comprised of:

- A** – Electronics compartment
- B** – Left and right ear pieces
- C** – Left and right control boxes



	Icon	Component	Function
1		Notification LED	- Flashing red and blue
			Headset is in Bluetooth pairing mode
			- Flashing blue
			Headset is connected to the Bluetooth device
			- Flashing red
			Headset is not connected to the Bluetooth device
			- Flashing purple
			Personal hearing is active
			- Steady red
			Headset is being charged
			- Steady green
			Headset is charged (battery level >50%)
			- Light blue
			Headset is powered on/off (toggle)
2		Micro-USB port	Open the cover to insert the supplied cable to charge the battery.
3		Power button	- Press and hold down to turn BeHear NOW on and off. - Press briefly to show battery level (when BeHear NOW is on).
4		Volume up button	- Press (short presses or continuous press) to increase call/audio volume.
5		Multi-functional button	- Handle phone calls (read Handling Phone Calls) - Handle listening to audio (read Listening to Audio)
6		Volume down button	- Press (short presses or continuous press) to decrease call/audio volume.
7		Hearing volume up button	- Press (short presses or continuous press) to increase ambient sound volume.

	Icon	Component	Function
8		Hearing control button	<ul style="list-style-type: none"> - Press and hold to turn personal sound amplification on and off. - Press and hold to turn ListenThrough mode on and off.
9		Hearing volume down button	<ul style="list-style-type: none"> - Press to decrease (short presses or continuous press) ambient sound volume.
10		Silicone ear buds	<ul style="list-style-type: none"> - Mushroom type; extra-small, small, medium, large sizes - Conical type; small, medium, large sizes - Tulip (open fit) type; medium size
11		Silicone ear hooks	Symmetrical left (L) and right (R) variations Three sizes of each variation: small, medium, large
12		Wind protection covers	Two pairs of foam covers Place over magnetized metal side of the ear piece to protect against noise from wind and/or friction with clothing.
13		Magnets	Built-in magnets to secure ear pieces to each other when not in use
14		Clips	Plastic clips to fold back free ends of the cables, making the headset more compact.
15		Serial number label	Unique number identifying the BeHear NOW headset in the Connection screen of the W&H BeHear smartphone application

Basic Operation

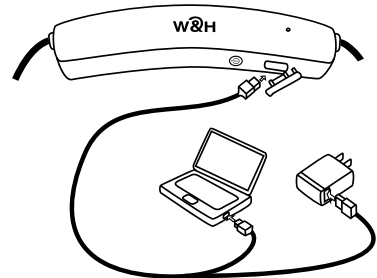
Charging the Battery

Before using your BeHear NOW headset for the first time its battery should be charged for approximately 2 hours.

To charge the battery:

1. Plug the larger end of the supplied cable into a standard AC outlet USB charger adapter, or into the USB port of a computer.
2. Plug the cable's smaller end into the Micro USB port located in the BeHear NOW neck band.


During charging the LED on the neck band will be red, turning green when BeHear NOW is fully charged.




Note: The BeHear NOW headset cannot be used while charging.

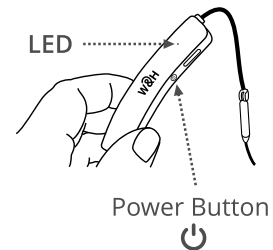
Turning the Headset On and Off

To turn on BeHear NOW:

Press and hold down the Power button  on the neck band until the unit vibrates and the LED turns light blue.

To turn off BeHear NOW:

Press and hold down the Power button  on the neck band until the unit vibrates and the LED turns light blue.




Note: Vibration can be disabled by the application.

Checking the Battery Status

You can view an estimate of the remaining battery charge in either of two ways.

Checking the Battery Level using the Headset

When the device is powered on, quickly press the Power button  on the neck band. The notification LED flashes for 1-2 seconds indicating battery level, as follows:

- If the LED turns **green** the status is good (more than 50% battery charge remains).
- If the LED turns **yellow** the status is fair (battery charge level is between 10% and 50%).
- If the LED turns **red** the status is low (below 10%) and the headset needs to be recharged.

Checking the Battery Level using the Application

When the device is powered on, view the level in the battery icon which appears at the top of each screen. The more white filler you see, the more charge is left in the battery.



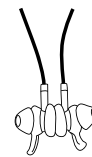
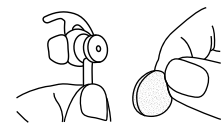
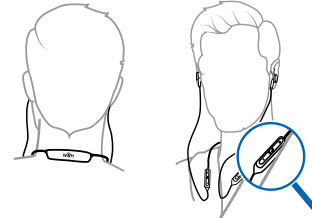
Note: During headset use, if the battery level drops below 10% the LED flashes red and an alert tone is heard periodically.

Wearing Instructions

BeHear NOW is a neck loop style headset where the hard plastic part is meant to rest on the back of your neck (or under your collar) and the ear buds at the ends of the cables come up from your collar bone and are inserted into your ears.

Wear your BeHear NOW headset as described below:

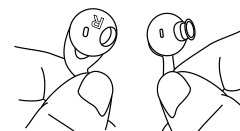
1. Place the BeHear NOW neckband behind your neck such that the power button is on the bottom and the control boxes are on your chest and the buttons of the control boxes face up.
2. Insert the earbuds and position the ear hooks inside your ears. Your BeHear NOW package contains several sizes and types of silicone ear hooks and buds, and you may have to experiment to find the combination that fits your ears most comfortably for continuous wear.
3. You can fold the cables into the clips, and then move the clips along the cable to reach desired cable length and position.
4. You can add foam covers to the ear pieces to improve the acoustic performance of your BeHear NOW headset when using it outdoors in windy conditions. The covers also reduce noise produced by the friction of your clothing against the ear pieces.
5. When not in use, secure ear pieces to each other with the built-in magnets.



Fitting the Ear Buds and Hooks to Your Ears

Your BeHear NOW headset comes with three shapes of silicone ear buds: conical, mushroom, and tulip (open fit) in up to four sizes, and three sets of ear hooks in varying sizes. The most common type and size of buds and hooks have already been attached to the headset. However, if the buds do not fit snugly and comfortably in your ears you should remove the silicone covers from the ear pieces and try different options, as follows:

1. Peel off the silicone ear bud and ear hook from the ear piece.
2. Place the replacement ear hook over the speaker of the ear piece. Make sure the ear hooks are oriented properly; the left ear hook must be placed on the left ear piece and the right ear hook on the right ear piece. The ear hooks are labeled "L" for the left and "R" for the right, while the ear pieces are marked "L" and "R" respectively on the metal bands which connect the pieces to the headset cables.
3. Place the replacement ear bud over the ear bud speaker.



RECOMMENDATION:

To get the best performance from your BeHear NOW when using it outdoors, we recommend that you carry the smartphone connected over Bluetooth with the BeHear NOW on the right side of your body.


Getting Started

Pairing with Bluetooth Devices

Before you can start using your BeHear NOW headset with a Bluetooth device (such as a smartphone), you need to pair it with the Bluetooth device. Pairing can be done in either of two ways:

- Using the **W&H BeHear** app (which can be downloaded for free from the Google Play Store or the Apple App Store, see [“Installing the Application”](#) later in this manual). After launching the app and placing the headset into pairing mode ([see instructions below](#)), the pairing process will proceed. Follow to the application’s prompts (see [“Connection Screen”](#) below).
- Using your smartphone’s Bluetooth setup process. Make sure the Bluetooth function is turned on in the Bluetooth device. The headset will appear in the list of available devices as **BeHear NOW**.

How to Place the BeHear NOW Headset into Pairing Mode

1. Make sure the BeHear NOW headset is powered off.
2. Then, press and hold down the power  button on the neck band for **up to 5 seconds**, until the LED alternates red/blue.
3. When the pairing is complete the BeHear NOW headset will be connected to the Bluetooth device automatically, as indicated by the blue LED which blinks periodically every 5 seconds.

Pairing BeHear NOW with Additional Bluetooth Devices

After pairing BeHear NOW with the first Bluetooth device repeat the same steps to pair it with additional Bluetooth devices. Your BeHear NOW headset can be paired with up to eight Bluetooth devices in total. If the list of paired devices is full you can clean it up by resetting the headset as described in the [Reset the Headset](#) section of this manual.

Connecting with Bluetooth Devices

Automatic Connection of Paired Bluetooth Devices

BeHear NOW remembers and can connect automatically with the last two connected devices.

Note: When you pair and connect BeHear NOW with a third device, the first paired device becomes disconnected.

Choosing from Multiple BeHear NOW Headsets Paired to the Same Smartphone

If you have more than one BeHear NOW headset paired with the same phone you can choose the desired headset by its serial number. The serial number of the BeHear NOW headset is listed underneath the product name in the W&H BeHear app **Connection** screen. The number can be matched to the serial number printed on the inside panel of the BeHear NOW neck band.

Connecting Simultaneously to Two Different Bluetooth Devices

Your BeHear NOW headset supports multipoint connection mode, managing two Bluetooth connections simultaneously. For example, if you connect your headset with two phones or with a phone and the **HearLink™ TV transmitter** (a Wear & Hear companion product, sold separately), you can receive calls or listen to audio from both devices without having to disconnect and reconnect.

BeHear NOW headset supports two typical connection use cases:

1. Your BeHear NOW headset is connected simultaneously to a smartphone and to the HearLink TV transmitter. The TV audio can be transmitted to your BeHear NOW headset, which will also be available to receive/initiate a phone call.



2. Two BeHear NOW headsets are connected simultaneously to the same HearLink TV transmitter. Both users can be listening to TV audio at the same time.



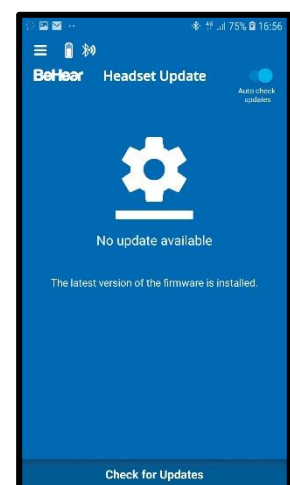
Checking for Updates

Keeping BeHear NOW updated with the latest version of the firmware allows you to enjoy the most advanced features of the device. We recommend checking for updates before you start using your headset. To check for an update:

1. Make sure the BeHear NOW headset is powered on and connected to a phone with the **W&H BeHear** application installed.
2. From the main menu of the app, choose the **Headset Update** option and tap the **Check for Updates** text at the bottom of the screen.

Note: The app checks for updates automatically when the **Autocheck Updates** option is selected.

3. If an update is available, launch the update process by following the instructions displayed on the screen.



RECOMMENDATION:

The headset update process lasts for several minutes (typically 15-20) during which time the headset and application must stay powered on and connected. We recommend verifying that the batteries in both the headset and the phone be sufficiently charged prior to starting the update.

Personalization

The acoustic performance of the BeHear NOW headset is optimized for typical human hearing. However, we recommend that you adjust it to suit your own personal hearing capabilities and preferences, using the built-in **Hearing Assessment** in the **W&H BeHear** app. The results of the assessment are automatically applied to the four BeHear NOW presets – Indoor, Outdoor, Crowd and Live Music – to create profiles that reflect your own hearing abilities. These personalized profiles ensure that you get the most benefit from BeHear NOW, using it as a truly personal sound amplifier.

Hearing Assessment

During the assessment, six different testing sounds will be played for each ear, one after the other. Each testing sound represents a different range of audible frequencies. The purpose of the assessment is to determine the best volume for each frequency range. The results will be saved in the application and used to adjust the audio performance of your personal BeHear NOW headset.

Two variances of the assessment are available:

- **Basic** assessment. This is the default option, which will be sufficient for most users. During the **Basic** assessment you will be asked to indicate at which volume the testing sound first becomes audible (**Hearing Threshold**).
- **Advanced** assessment. This assessment is more comprehensive and therefore takes longer. During the **Advanced** assessment you will need to indicate two different volume levels for each testing sound. One is the **Hearing Threshold**, the same as for the **Basic** assessment. The other is the **Comfortable Level**, which reflects the volume level at which it is most comfortable for your ear to process the testing sound.

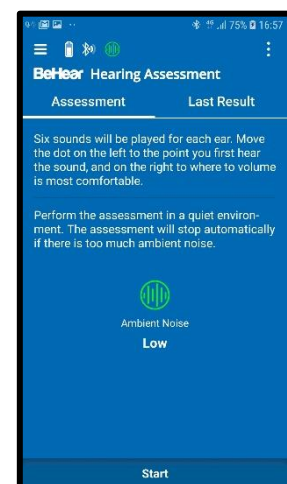
In order to toggle between the Advanced and the Basic assessment go the **Settings** screen and scroll down to the **Hearing Assessment Mode** option.

Before Starting the Hearing Assessment

Before starting the assessment, you should verify the following:

- You have installed and launched the **W&H BeHear** mobile application on your smartphone.
- The BeHear NOW headset is turned on and connected to the smartphone via Bluetooth.
- You are wearing your BeHear NOW headset and the ear buds have been placed firmly in your ears.
- You are in a quiet environment.

Note: The **W&H BeHear** application monitors the ambient noise during the assessment and will not allow the assessment to proceed if the ambient noise level is too high.



Conducting the Hearing Assessment

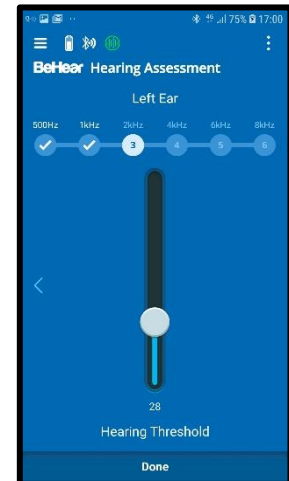
To start the assessment, select the **Hearing Assessment** option in the **Menu** (☰) of the **W&H BeHear** application. Tap the **Start** text at the bottom of the screen.

The Hearing assessment starts with the left ear, goes through 6 different frequencies and then repeats with the right ear. Stepping forward to the next frequency can be done only after completing the previous.

If you use the **Basic** assessment:

1. Set the **Hearing Threshold** level by placing your finger on the silver button and sliding it up until you clearly hear the frequency sound, then slowly move it down to the lowest level you can still hear. You can do this as many times as needed to find the correct sound threshold level for you.
2. Once the slider is set to the desired position, tap the **Done** text at the bottom of the screen.
3. Repeat that action for the five remaining testing sounds for the left ear, and then for the right ear.
4. Save the results, as instructed by the application prompts.

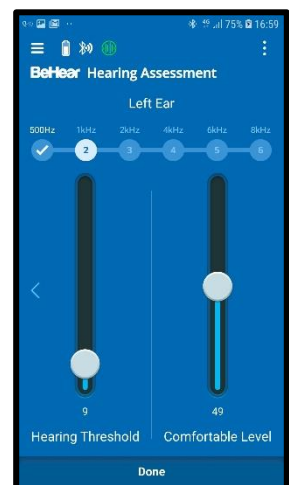
Note: The volume buttons on the phone can also be used to adjust the volume of the testing sound.



If you use the **Advanced** assessment:

1. Set the **Hearing Threshold** level by placing your finger on the silver button and sliding it up until you clearly hear the frequency sound, then slowly move it down to the lowest level you can still hear. You can do this as many times as needed to find the correct sound threshold level for you.
2. Move the **Comfortable Level** slider to find the most comfortable listening level for the testing sound in the left ear (neither too loud nor too soft).

Note: The **Comfortable Level** will always be higher (louder) than the **Hearing Threshold**.



3. Once both sliders are set to the desired positions, tap the **Done** text at the bottom of the screen.
4. Repeat those actions for the five remaining testing sounds for the left ear, and then for the right ear.
5. Save the results, as instructed by the application prompts.

Note: Before saving the assessment results you can return at any time to the previous stages of the assessment to verify and modify your input. Simply tap the arrows located on the left and right sides of the screen or tap the number button below each frequency indication to repeat the assessment for that frequency.

Hearing Assessment Results

You can see results of your hearing assessment in the **W&H BeHear** application by choosing the **Personal Info** option from the main menu.

The assessment can be re-taken at any time.

Note: Only the results of the most recent assessment are saved and used in the application.

Using BeHear NOW

Personal Hearing

Once powered on, the BeHear NOW headset operates as a personal sound amplifier. No Bluetooth pairing is required for this type of sound amplification. Ambient sounds are amplified and transmitted from the headset's microphones directly to your ears.






RECOMMENDATION:

We recommend turning off key tones (alerts, notification sounds, keyboard taps, etc.) in the smartphone connected to your BeHear NOW headset. Another alternative is to place the phone in "vibrate" or "silent" mode. This will guarantee smooth and pleasant operation of your BeHear NOW as a personal sound amplifier without undesired sound disruptions produced by smartphone activity.

Four different presets have been created to support optimal hearing for various environments: **Indoor**, **Outdoor**, **Crowd** and **Live Music**. These presets can be used as is, out-of-the-box. They will be personalized automatically based on the results of the BeHear NOW **Hearing Assessment**, which is built into the **W&H BeHear** smartphone application. Furthermore, these presets can be customized by the user in real-time.

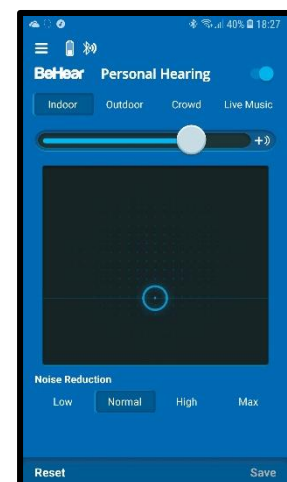
Managing Personal Hearing Using the Headset Controls

Use the right-hand control box on the headset cable to manage Personal Hearing:

- To activate Personal Hearing amplification, press and hold down . Two ascending tones will be heard as confirmation that Personal Hearing has been activated. To turn off Personal Hearing amplification press and hold down  again. Descending tones indicate that Personal Hearing has been deactivated.
- To increase the volume of ambient sound press . A short tone will be heard indicating change of volume. A long tone will be heard once you reach the maximum volume level.
- To decrease volume of ambient sound press . A short tone will be heard indicating change of volume. A long tone will be heard once you reach the minimum volume level.
- To scroll through the hearing presets, quickly press . Each press will advance to the next preset. A single tone will be heard for the first preset (**Indoor**), two tones for the second preset (**Outdoor**), three tones for the third preset (**Crowd**) and four for the fourth preset (**Live Music**).

Managing Personal Hearing Using the W&H BeHear Application (for Android phones)

- Tap the **On/Off** switch to the right of the **Personal Hearing** title on this screen to the desired position to activate (blue dot) or deactivate (white dot) Personal Hearing amplification.
- Choose a listening environment preset (**Indoor**, **Outdoor**, **Crowd** or **Live Music**) by tapping the relevant text with your finger.
- Use the slider to set the desired volume of the ambient sound by touching the silver button and dragging it left (softer) or right (louder).
- To find the most comfortable listening level for the current environment, touch the circle with your finger until you feel the vibration. While maintaining your touch on the dot, slide it around gently on the grid, releasing it when the hearing is most pleasant to your ears.

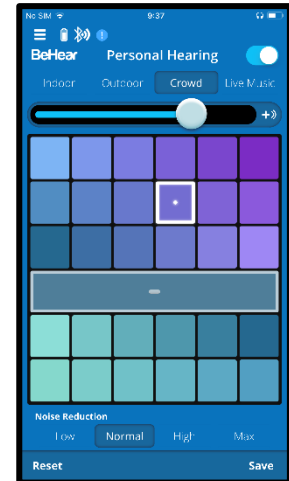


- Set the desired level of **Noise Reduction** by tapping the relevant value labels: **Low**, **Normal**, **High**, or **Max**.
- You can save your settings by tapping **Save** or restore the factory default by tapping **Reset**.

Note: If you change profiles or deactivate Personal Hearing before saving your changes, they will be lost.

Managing Personal Hearing Using the W&H BeHear Application (for iOS phones)







- Tap the **On/Off** switch to the right of the **Personal Hearing** title on this screen to the desired position to activate (blue dot) or deactivate (white dot) Personal Hearing amplification.
- Choose a listening environment preset (**Indoor**, **Outdoor**, **Crowd** or **Live Music**) by tapping the relevant text with your finger.
- Use the slider to set the desired volume of the ambient sound by touching the silver button and dragging it left (softer) or right (louder).
- To find the most comfortable listening level for the current environment, touch the colored buttons with your finger until you feel the vibration. Wait for 1-2 seconds until the change is applied. Repeat this with other buttons to find the position where the hearing is most pleasant to your ears.
- Set the desired level of **Noise Reduction** by tapping the relevant value labels: **Low**, **Normal**, **High**, or **Max**.
- You can save your settings by tapping **Save** or restore the factory default by tapping **Reset**.



Note: If you change profiles or deactivate Personal Hearing before saving your changes, they will be lost.

Handling Phone Calls



Use the left-hand control box on the headset cable to handle phone calls, as follows:

- To **answer** a call press  when you hear an incoming call signal.
- To **end** a call press  during an ongoing call.
- To **reject** a call press and hold down  when you hear an incoming call signal.
- To **redial** the last dialed phone number double click .
- To increase call volume press . A short tone will be heard indicating change of volume. A long tone will be heard once you reach the maximum volume level.
- To decrease call volume press . A short tone will be heard indicating change of volume. A long tone will be heard once you reach the minimum volume level.

EasyListen™ – Slowing Down Incoming Speech

You can slow down incoming speech for phone calls, making it more intelligible. The EasyListen function can be controlled from either the headset or the W&H BeHear app.

Use the right-hand control box on the headset cable to manage EasyListen:

- To activate and deactivate EasyListen press and hold down the  button, which works as a toggle. Two tones will be heard once your choice is accepted. Ascending tones indicate that EasyListen is activated. Descending tones indicate that EasyListen is deactivated.
- To scroll through the speech tempo options, quickly press the  button when EasyListen is active.

Enable EasyListen and adjust the speech tempo using the W&H BeHear application, as follows:

- Once the phone call has been established, bring the W&H BeHear app to the foreground on your phone.
- Tap the **Slow**, **Slower** or **Slowest** texts to activate EasyListen and set the desired speech tempo.
- Tap the **Normal** text to deactivate EasyListen. Speech tempo reverts to normal.



Listening to Audio

You can listen to audio from your phone or any other paired and connected Bluetooth device using your BeHear NOW headset.

Use the left-hand control box on the headset cable to handle audio play as follows:

- Press to play an audio source from the connected Bluetooth device. To pause the source press again.
- To increase audio volume press . A long tone will be heard once you reach the maximum volume level.
- To decrease audio volume press . A long tone will be heard once you reach the minimum volume level.
- To switch between two connected audio sources (for example, between the HearLink transmitter and a smartphone) press and simultaneously.

ListenThrough™ – Stay Safe & Alert Function

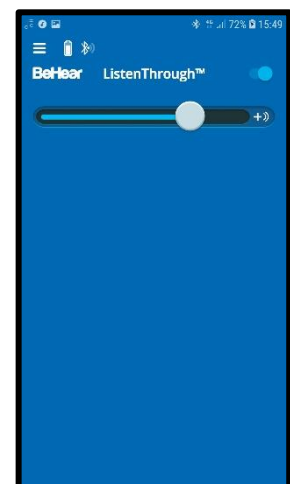
You can stay aware of important ambient sounds while listening to audio through your BeHear NOW headset.

Use the right-hand control box on the headset cable to manage ListenThrough:

- To mute and unmute ambient sound during audio play press and hold down the button. Two tones will be heard once your choice is accepted. Ascending tones indicate that ListenThrough is activated. Descending tones indicate that ListenThrough is deactivated.
- To increase the volume of ambient sound press . A long tone will be heard once you reach the maximum volume level.
- To decrease volume of ambient sound press . A long tone will be heard once you reach the minimum volume level.

You can also manage ListenThrough using the **W&H BeHear application**, as follows:

- Tap the **ON/OFF** switch located to the right of the **ListenThrough™** title to the desired position to mute (white dot) or unmute (blue dot) ambient sound during audio play.
- Use the slider to set the desired volume of the ambient sound by touching the silver button and dragging it left (softer) or right (louder).



Mobile Application

Installing the Application

For Android Phones

1. Launch the Google Play application and search for **W&H BeHear**.
2. Download, install and launch the application.



For iPhones

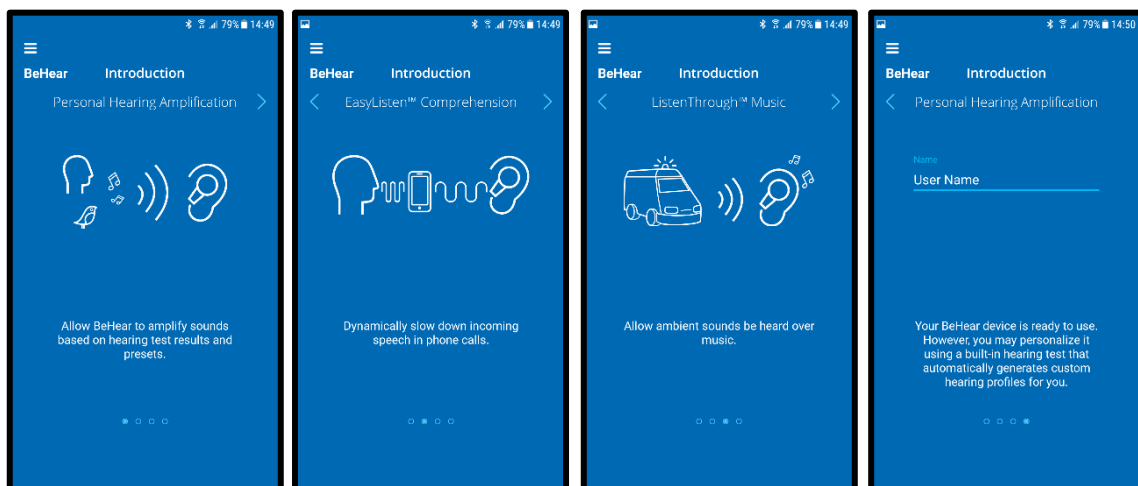
1. Launch the App Store application and search for **W&H BeHear**.
2. Download, install and launch the application.



Introduction Screens

Introduction screens are displayed when the application is first launched after download. They provide brief descriptions of the major BeHear NOW functions, such as Personal Hearing Amplification, EasyListen™ Phone Speech Comprehension, and ListenThrough™ Music Appreciation.

The last screen in the set contains a prompt for entering a user name, which will appear on the hearing test results screen.



Navigate between the introduction screens either by swiping the phone or tapping the arrows. You can display the screens any time by choosing the **Introduction** option from the menu.

Connection Screen


Choose the Connection option from the menu to pair/unpair and connect/disconnect your BeHear NOW with/from the phone.

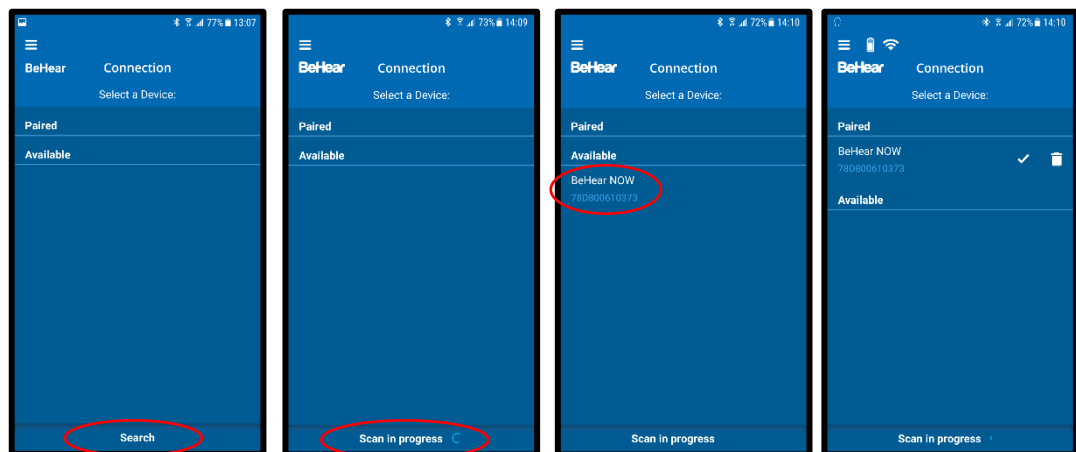
The application opens the Connection screen automatically when no BeHear NOW headset is connected to the phone.

You can display the Connection screen any time by choosing the **Connection** option from the menu.

Operation of the Connection screen is different for Android and iOS phones.

Connection with an Android Phone

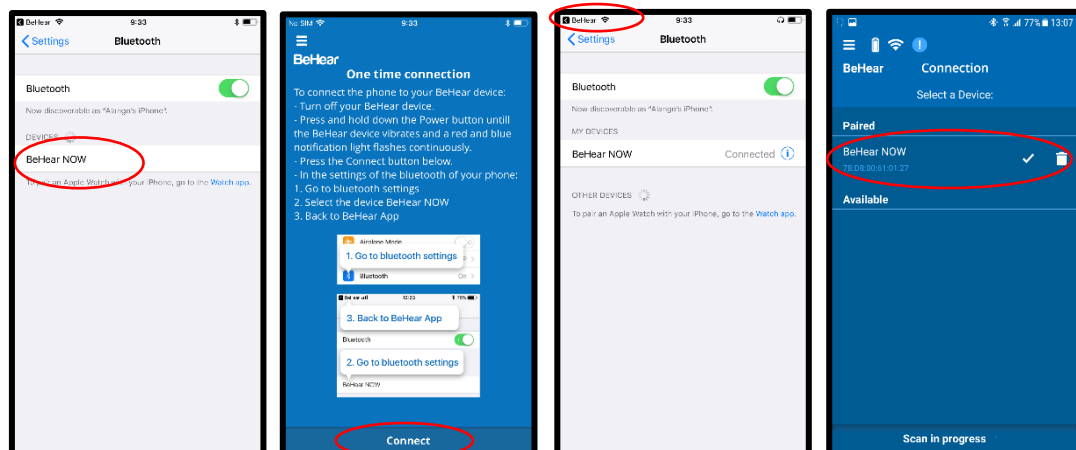
1. Make sure your BeHear NOW is powered on and in the [Bluetooth pairing mode](#).
 2. Tap the **Search** text on the screen. The scan will start, followed by the **Scan in progress** notification.
 3. The product name **BeHear NOW** followed by the serial number of the device will appear in the list of **Available** devices. You can verify the device by checking that the serial number printed on the inside panel of the BeHear NOW neck band (on the white label, underneath the QR code) matches the serial number in the list.
 4. Select your BeHear NOW in the list by tapping the device name. When the pairing and connection process is complete the headset will be listed in the **Paired** devices section, followed by a ✓.
 5. When the BeHear NOW device is connected the application will display the Home screen.
- To **disconnect** BeHear NOW tap the name of the connected device in the list.
 - To **unpair** BeHear NOW tap the  icon.



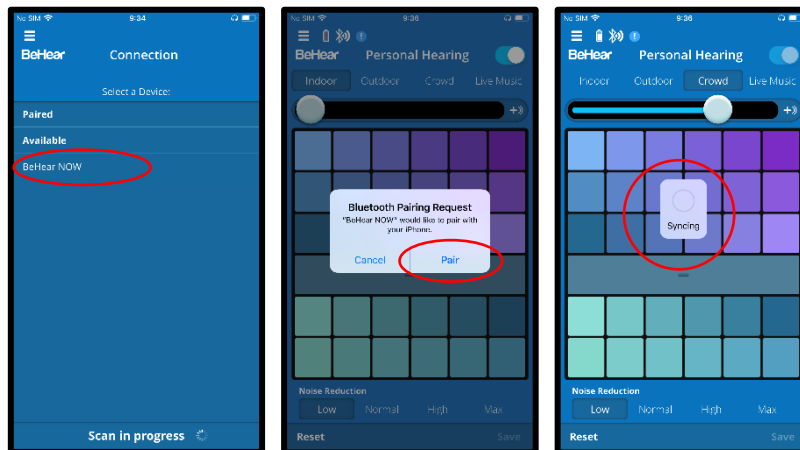
Connection with an iOS Phone


1. Make sure your BeHear NOW is powered on and placed in the [Bluetooth pairing mode](#).
2. Use the Bluetooth section of the **Settings** application on your phone to add BeHear NOW to the list of My Devices.

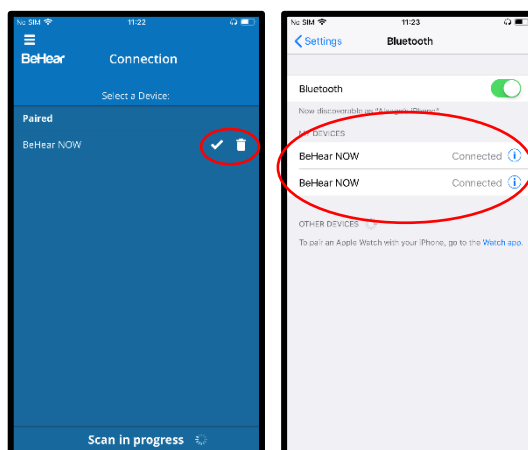
Note: If you launch the W&H BeHear application before step 2, tap the **Connect** text on the screen to open the phone **Settings** screen. Finish connecting BeHear NOW and then return to the W&H BeHear application by tapping the arrow in the upper left-hand corner.



3. The product name **BeHear NOW** will appear in the list of **Available** devices.
4. Select BeHear NOW in the list by tapping the device name. The Bluetooth Pairing Request prompt appears.
5. Select Pair and wait for 2-3 seconds to complete the synchronization.
6. When the pairing and connection process is complete the headset will be listed in the **Paired** devices section, followed by a ✓.
7. When the BeHear NOW device is connected the application will display the Home screen.



- To **unpair** BeHear NOW from the application tap the  icon in the **Connection** screen.
- To **unpair** BeHear NOW from your phone delete both records of the BeHear NOW in the Bluetooth section of the **Settings** application.



Home Screens

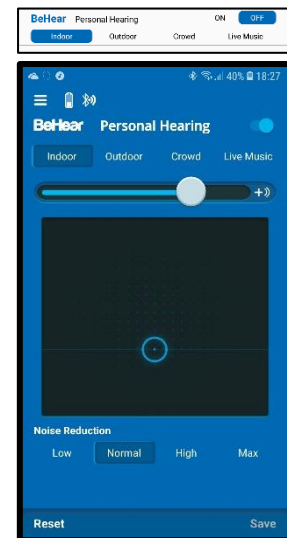
The application's Home screen changes automatically depending on the actual state of the headset (personal hearing amplification, phone call handling or audio play).

When the application operates in the background, major control functions of the actual home screen are also available via the Android notification drawer.

Personal Hearing Amplification State (for Android phones)

In this state the home screen supports managing BeHear NOW as a personal sound amplifier. Available control functions are:

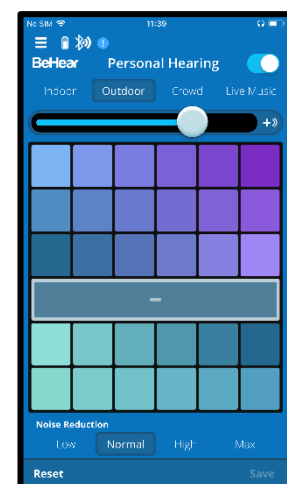
- Personal Hearing On/Off switch
- Preset selection buttons – **Indoor, Outdoor, Crowd, Live Music**
- Hearing volume control slider
- Noise reduction level selection buttons – **Low, Normal, High, Max**
- Touch pad for adjusting sound quality. Touch, hold and move the dot to optimize sound quality. The color of the dot and grid changes when dot position is modified.
- **Save** button to store the last changes made for the selected preset.
- **Reset** button to restore original parameters of the selected preset.



Personal Hearing Amplification State (for iOS phones)

In this state the home screen supports managing BeHear NOW as a personal sound amplifier. Available control functions are:

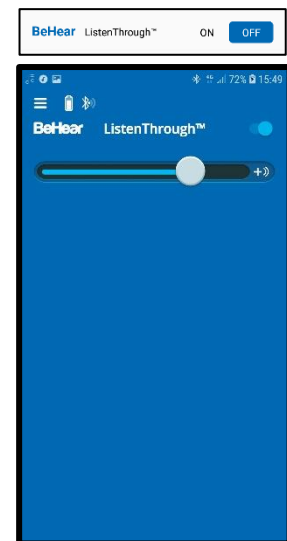
- Personal Hearing On/Off switch
- Preset selection buttons – **Indoor, Outdoor, Crowd, Live Music**
- Hearing volume control slider
- Noise reduction level selection buttons – **Low, Normal, High, Max**
- Colored matrix for adjusting sound quality. Touch and hold the buttons to optimize sound quality. The white frame indicates selected button.
- **Save** button to store the last changes made for the selected preset.
- **Reset** button to restore original parameters of the selected preset.



Audio Player State

In this state the home screen supports managing the ListenThrough function of the BeHear NOW working as a stereo audio player. Available control functions are:

- ListenThrough On/Off switch
- Ambient sounds volume control slider




Phone Call State

In this state the home screen supports managing the EasyListen function of the BeHear NOW, working as a headset during phone call. Available control functions are:

- Speech Tempo selection buttons – **Normal** (EasyListen disabled), **Slow**, **Slower**, **Slowest**



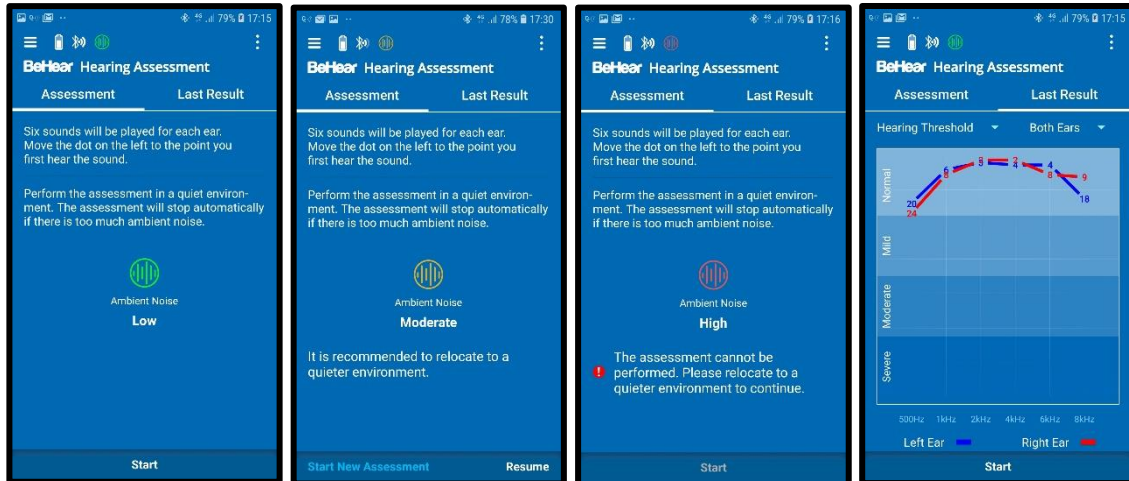
Hearing Assessment Screens

Choose **Hearing Assessment** option in the menu or tap the warning icon  in the notification area to enter the hearing assessment.

Initial screens of the Hearing Assessment allow:

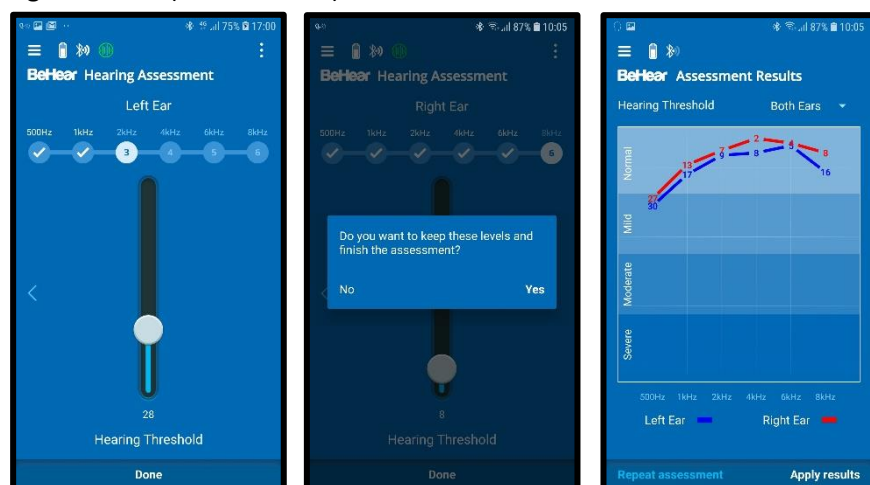
- Start the assessment
- Resume previously interrupted assessment or discard it and start a new assessment
- Observe the results of the last previous assessment

You can start the assessment only if you are in a quiet environment. It will not be possible to run the assessment if the ambient noise is determined by the application to be too high.



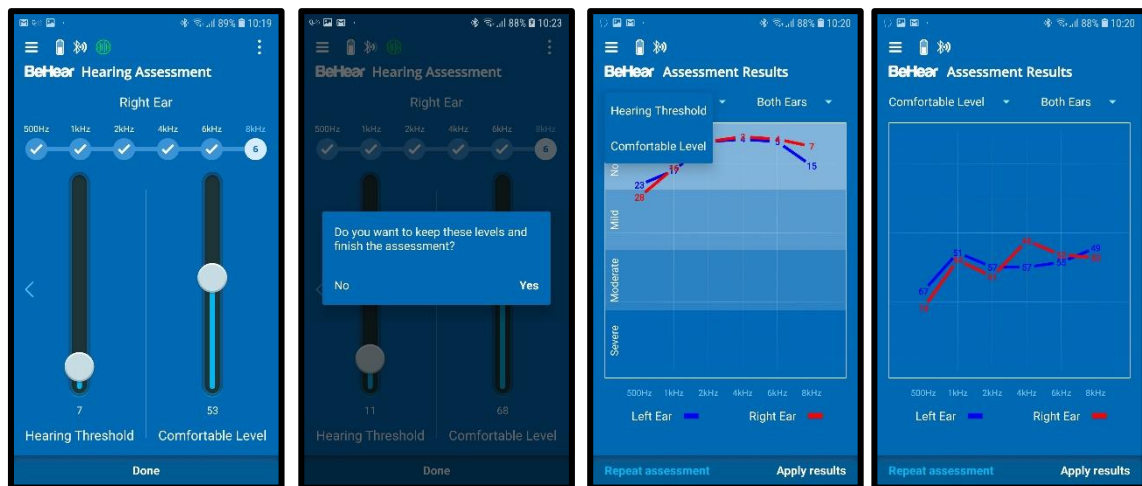
If **Basic** assessment is selected in the Settings:

- The assessment screens contain a single slider.
- Confirmation of the results is required to complete the assessment.
- The assessment results shown after completing the assessment display a single chart for measured hearing threshold (for both ears).



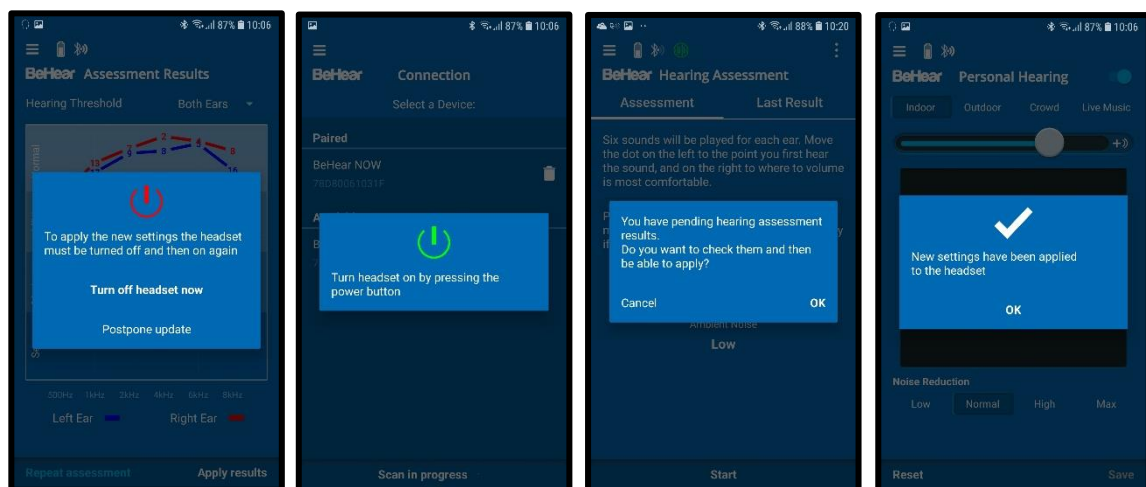
If **Advanced** assessment is selected in the Settings:

- The assessment screens contain two sliders.
- Confirmation of the results is required to complete the assessment.
- The assessment results shown after completing the assessment display two charts, one for measured hearing threshold and the other for comfortable level. Select the relevant chart by tapping the chart name.



To apply the assessment results to the headset:

- Tap **Apply results** in the **Assessment Results** screen.
- If the **Turn off headset now** option is selected, the headset will be turned off automatically and a screen notification will appear reminding you to turn on the headset manually.
- If the **Postpone update** option is selected, the headset and the application will continue to operate normally (without applying results of the assessment until the headset is turned off).
- Results of the last assessment are applied automatically when the headset is turned on.



Settings Screen

Display the Settings screen by choosing **Settings** option in the menu. Here you can define application-wide settings, as follows:

✓ Balance

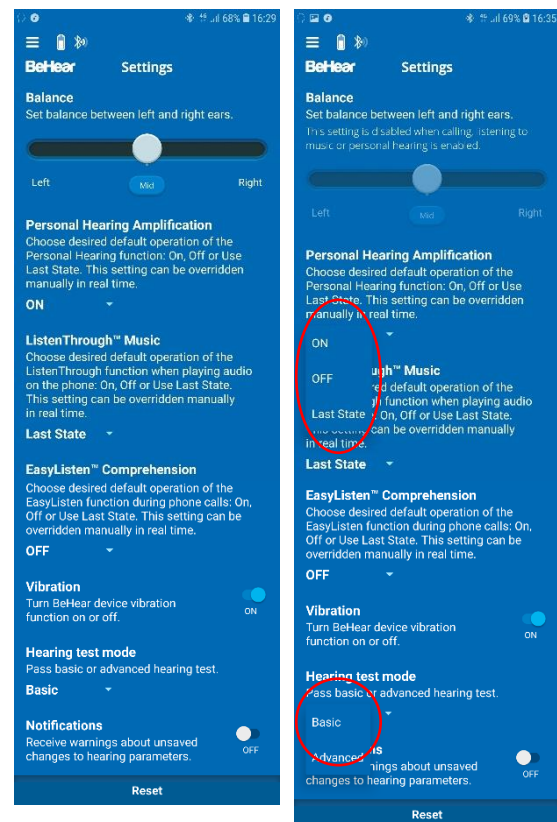
This control sets the desired amplification balance between left and right ears.

The setting is applied to the volume control – in addition to the results of the built-in hearing assessment – and will be active in all operation modes of the headset: phone calls, audio playback and personal hearing.

Slide the silver dot while listening to the tone to set the desired amplification balance between left and right ears.

Press the **Mid** button to reset the dot in the middle of the slider for equal amplification in both ears (application default).


Note: The balance setting is enabled only when all active sounds are disabled in the headset: no phone call is active, no music is currently playing, and the personal hearing mode is off.



✓ Personal Hearing Amplification

This setting defines the automatic activation behavior for the Personal Hearing function:

- **ON** – automatically turned on when there is no active phone call or music/audio playback
- **OFF** – automatically turned off when there is no active phone call or music/audio playback
- **Last State** – automatically turned on or off according to the last actual state of the device before handling a call or playing a music/audio


The function can be turned on or off manually in real time either by pressing and holding  on the right-hand control box or by tapping the **ON/OFF switch** on the Personal Hearing screen in the application.

Recommended setting (application default) – **ON**

✓ ListenThrough™ Music

This setting defines the automatic activation behavior for the ListenThrough function of ambient sound passthrough while listening to audio, as follows:

- **ON** – automatically turned on when music playback starts
- **OFF** – automatically turned off when music playback starts
- **Last State** – automatically turned on or off according to the last choice during the previous music playback

The function can be turned on or off manually in real time either by pressing and holding  on the right-hand control box or by tapping the **ON/OFF switch** on the Personal Hearing screen in the application.

Recommended setting (application default) – **Last State**

✓ **EasyListen™ Comprehension**

This setting defines the automatic activation behavior for the EasyListen function of slowing down speech tempo during phone calls, as follows:

- **ON** – automatically turned on when phone call starts
- **OFF** – automatically turned off when phone call starts
- **Last State** – automatically turned on or off according to the last choice during the previous phone call

Note: The function can be turned on or off manually in real time via the application only.

Recommended setting (application default) – **OFF**

✓ **Vibration**

This setting controls vibration notification behavior in the BeHear NOW headset for the following events:

- Headset power on and power off
- Bluetooth pairing connection/disconnection
- Connecting to the charger
- Incoming call (synchronized with call tone)

Recommended setting (application default) – **ON**

✓ **Hearing Assessment Mode**

This setting defines the type of hearing assessment to be performed:

- **Basic** – the assessment contains one measurement (hearing threshold) for each ear.
- **Advanced** – the assessment contains two measurements (hearing threshold and most comfortable level) for each ear.

Recommended setting (application default) – **Basic**

✓ **Notifications**

This setting controls the behavior of warnings and notifications about unsaved changes to hearing parameters made in the Personal Hearing screen.

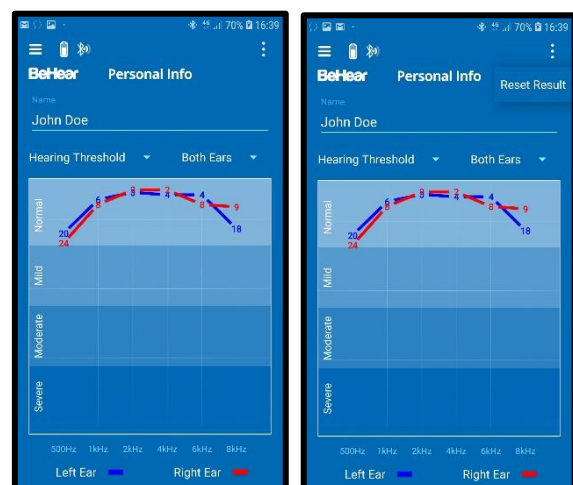
Recommended setting (application default) – **OFF**

Personal Info Screen

Display the Personal Info screen by choosing the **Personal Info** option in the menu. Use this screen to view and edit user information:

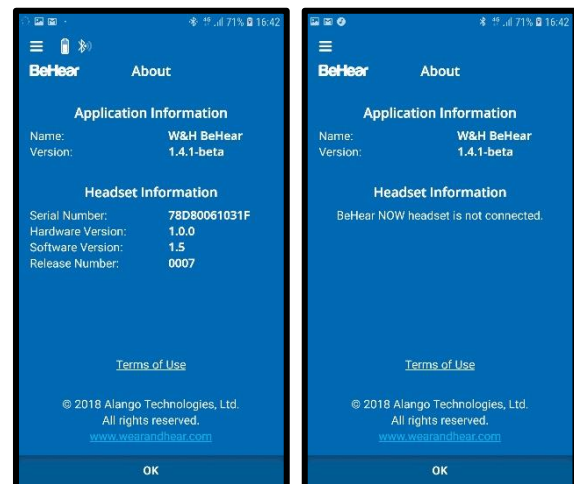
- User name
- Hearing assessment results

Open the drop-down menu in the top right corner to reset the results of the assessment.



About Screen

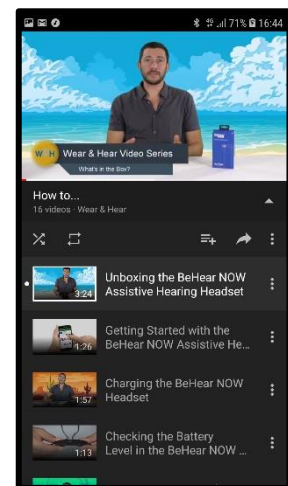
Display the About screen by choosing the **About** option in the menu. Use this screen to check information about the W&H BeHear application and connected BeHear NOW headset.



Tutorials

Watch online YouTube video tutorials by choosing the **Tutorials** option in the menu.

An Internet connection is required to get access to the videos.

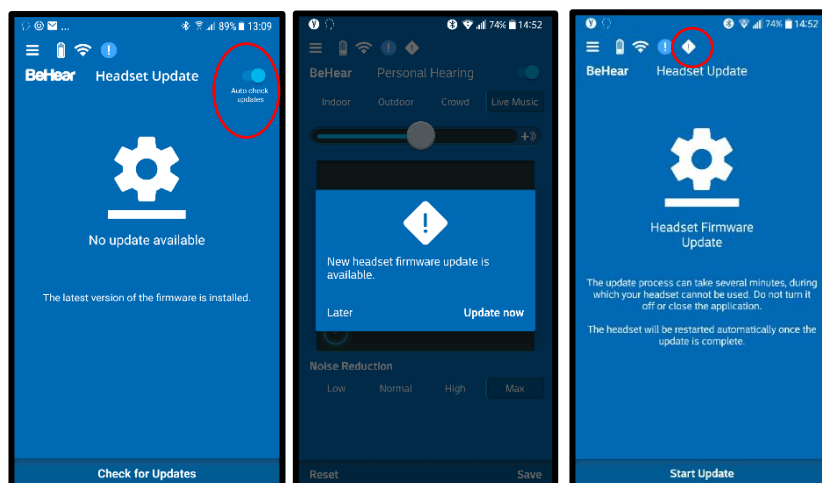


Headset Update

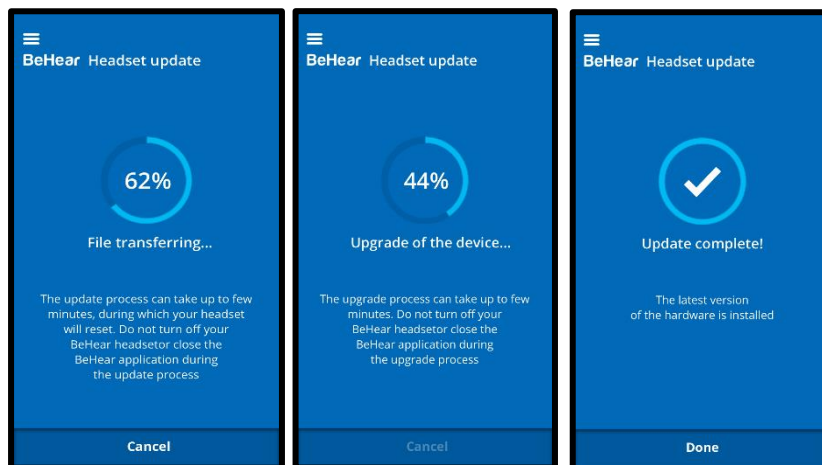
The application supports firmware updates of the connected BeHear NOW headset, allowing users to enjoy the most advanced features of the device.

You can verify the availability of an update by manually checking the **Headset Update** in the menu.

We recommend turning the **Autocheck Updates** option on to get automatic notification whenever a new update is available. In this case, an icon will appear in the notification area on each screen.



Choose **Update Now** to start the update process. The process will last for several minutes during which time the headset and application cannot be used. Normal operation resumes automatically when the update is complete.



Choose **Later** or exit the **Headset Update** screen to postpone an update. The warning icon will appear at the top of each application screen as reminder to update the firmware. You can initiate an update any time by tapping the diamond icon in any screen header, or by choosing the **Headset Update** option in the menu.







Troubleshooting

General Issues

Problem	Suggestion
No sound	Verify battery level (see Checking the Battery Status) Adjust volume level (see Managing Personal Hearing Using the Headset Controls) Check ear caps for debris
Ear buds are uncomfortable	Experiment with different silicon ear buds and ear hooks (see Fitting the Ear Buds and Hooks to Your Ears)
Wind noise	Use supplied wind protection covers (see Fitting the Ear Buds and Hooks to Your Ears)
Ambient noise too loud during music play	Reduce the volume of ambient sound (see ListenThrough™ – Stay Safe & Alert Function)
Phone calls and/or music not routed to headset	Verify Bluetooth pairing (see Pairing with Bluetooth Devices)
Bluetooth connection keeps cutting out	Verify that you are not more than 10 meters (30 feet) from the Bluetooth device. If you are using BeHear NOW outdoors we recommend that you carry the smartphone connected over Bluetooth with the BeHear NOW on the right side of your body.
Personal hearing is interrupted by smartphone notifications	We recommend turning off key tones (alerts, notification sounds, keyboard taps, etc.) in the smartphone connected to your BeHear NOW headset. It will guarantee smooth and convenient operation of your BeHear NOW as a personal sound amplifier without undesired sound disruptions produced by smartphone activity.

Reset the Headset

If your BeHear NOW behaves unexpectedly you can restart it, remove the Bluetooth connection data and/or restore the original factory configuration.

- **To restart BeHear** simply connect it to the charger. All configuration and connection data will be preserved.
- **To restart BeHear and remove the Bluetooth connection data only:**
 - Power on the BeHear NOW headset.
 - Press and hold these three buttons    simultaneously for approximately 8 seconds until a purple LED blinks twice.
 - The headset will restart and then enter pairing mode automatically.
- **To restart the BeHear NOW headset and restore the original factory configuration:**
 - Power on the BeHear NOW headset.
 - Press and hold these three buttons    simultaneously for approximately 8 seconds until a yellow LED blinks once.
 - The headset will turn off automatically.
 - Power on the headset.

Update the Headset

Make sure your BeHear NOW is using the latest version of the firmware. You can verify availability of an update by manually checking the **Headset Update** option in the menu.

[Update the headset](#) if a new version is available, using the mobile application.

Legal Information

BeHear® is a registered trademark of Alango Technologies, Ltd.

Bluetooth® is the trademark of the Bluetooth (SIG) Inc. and is used under license.

All product and company names mentioned herein are the trademarks or registered trademarks of their respective owners. Any rights not expressly granted herein are reserved.

All other trademarks are property of their respective owners.

FCC Compliance Statement

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.



FCC ID: 2AM3S-ABH-101

EU Declaration of Conformity

Declaration of Conformity

We, Alango Technologies Ltd. of 2 Etgar St. Tirat Carmel, Israel declare under our sole responsibility that our product BeHear NOW type **ABH-101** and in combination with our accessories, to which this declaration relates is in conformity with the provisions of the following directives:

- Radio Equipment Directive (RED) **2014/53/EU** by appropriate standards
EN 300 328 V2.1.1,
EN 310 489-1 V2.2.0,
EN301 489-17 V3.2.0,
EN 50332-1:2013,
EN 60950-1:2006+A11:2009,
EN 62479:2010
- Restriction of Hazardous Substances (RoHS) Directive **2011/65/EU** by appropriate standards
IEC 62321-3-1:2013 Ed1.0,
IEC 62321-5:2013 Ed1.0 / IEC 62321-4:2013 Ed1.0,
IEC 62321-7-2:2017 Ed1.0,
IEC 62321-7-1:2015 Ed1.0 / IEC 62321-6:2015 Ed1.0
- Reuse / Recycling / Recovery Targets under the Waste Electrical and Electronic Equipment (WEEE) Directive **2012/19/EU**

Tirat Carmel, May 2018

A handwritten signature in blue ink, appearing to read 'A. Goldin', written over a horizontal line.

Alexander Goldin,

CEO

European Union – Disposal Information



This symbol means that according to local laws and regulations this product and/or its battery shall be disposed of separately from household waste. When this product reaches its end of life, take it to a collection point designated by local authorities. The separate collection and recycling of this product and/or its battery at the time of disposal will help conserve natural resources and ensure it is recycled in a manner that protects human health and the environment.