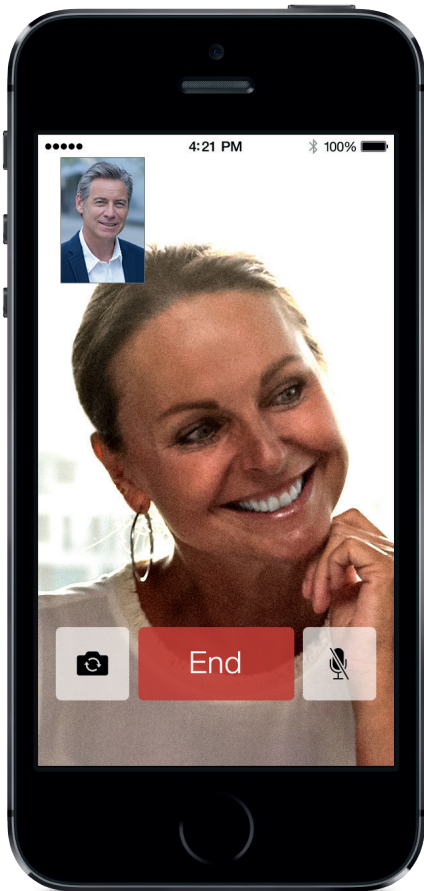


Using Beltone MFi hearing instruments with the iPhone®



Setup and Usage guide for Made for iPhone (MFi) functionality

Hardware supported

Beltone MFi hearing instruments support MFi functionality with the following hardware from Apple. Before attempting to pair and connect your Beltone MFi hearing instruments to your Apple product, make sure your Apple hardware matches one of these below hardware versions. If it does not, MFi functionality cannot be supported with your Beltone MFi hearing instruments.

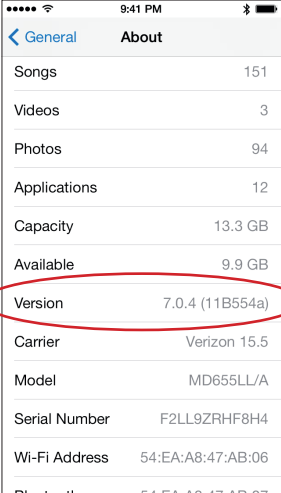
- iPhone® 5s
- iPhone 5c
- iPhone 5
- iPad Air™
- iPad® 4th generation
- iPad mini™ with Retina display
- iPad mini™
- iPod touch® 5th generation

iOS versions supported and updates

MFi in hearing instruments like Beltone MFi hearing instruments requires iOS 7.X or later versions. Before starting any pairing process between Beltone MFi hearing instruments and your supported Apple hardware, make sure that iOS 7 is installed and that it has been updated to the latest version. The iOS version can be checked as follows.

iOS 7.X or later Version Check

1. Select the **Settings** icon on the Home screen.
2. Select the **General** menu in the Settings screen
3. Select the **About** menu in the General screen
4. Check the **Version** number in the About screen



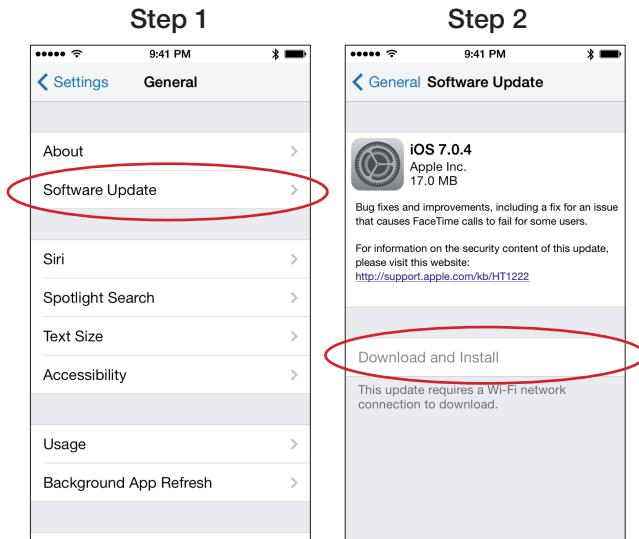
About	
Songs	151
Videos	3
Photos	94
Applications	12
Capacity	13.3 GB
Available	9.9 GB
Version	7.0.4 (11B554a)
Carrier	Verizon 15.5
Model	MD655LL/A
Serial Number	F2LL9ZRHF8H4
Wi-Fi Address	54:EA:A8:47:AB:06
Bluetooth	54:EA:A8:47:AB:07

Check for latest iOS 7 or later update and install (if applicable)

Now you need to verify the latest software is installed on your Apple hardware and update this if it is not.

Go to **Settings** and in the **General** menu

1. Select **Software Update**.
2. Your device will now check if there is a new iOS software update available. This may take a few seconds to verify. If there is an update, then choose **“Download and Install”** as in the below example. Please note that this installation may require connection to a WiFi network.



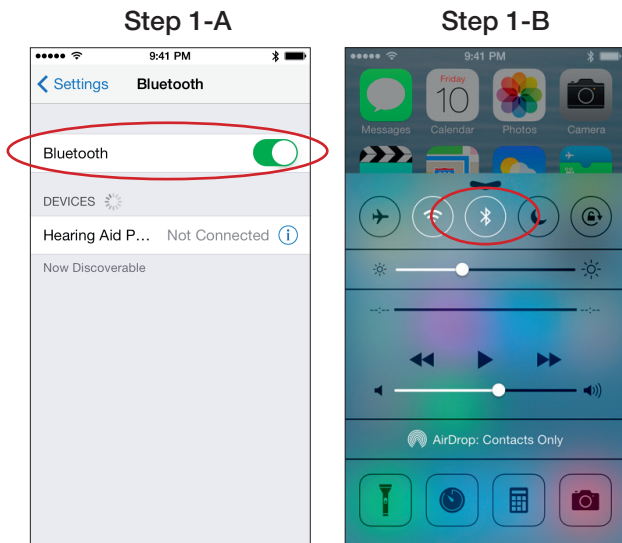
Pairing and connecting your Beltone MFi devices to your iPhone, iPad, or iPod touch

Now that you know you have a compatible Apple device with the latest iOS 7.X or later software installed, you are ready to pair to your Beltone MFi hearing instruments. The following process will cover pairing and connecting to your device in preparation for streaming, controlling your hearing instrument, and the myriad of things you can do with a Made for iPhone hearing instrument and the connectivity to the world around you that this provides.

Pairing the hearing aids to a supported Apple device

To start, make sure you have your Beltone MFi hearing instruments available with fresh batteries inserted. Do not close the battery doors at this point.

1. Turn on Bluetooth functionality on the Apple device if it is not already on. This can be done in one of two ways ... via the **Settings > Bluetooth** menu (Step 1-A) or by swiping upwards from the bottom of your Apple device (Step 1-B)



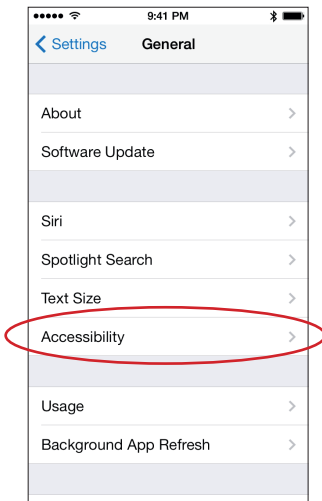
2. Go to the **Settings > General** menu just as you did to check the iOS version and software updates. Then select **Accessibility** in the General menu.
3. Power up Beltone MFi hearing instruments by closing the battery doors. This will put the Beltone MFi hearing instruments into a 180 second discovery mode that will allow the iPhone, iPad, or iPod touch to detect the hearing instruments.

4. Select **Hearing Aids** in the Accessibility menu on the Apple device.
5. Once you enter the Hearing Aids screen, you will see the Apple device trying to detect your hearing instruments. Note that this may take some short amount of time for them to be detected. Once detected, you will see the name of your hearing instruments appear on the screen along with the Beltone brand name and model number. Note that when trying to pair a left and right hearing instrument you will still only see one name.

In the event, that the hearing instruments are not detected the first time try the following solutions.

- Go back to the previous menu screen (**Accessibility**) and then re-enter the **Hearing Aids** menu to initiate the detection of the hearing instruments.
- Open and close the battery door to initiate a new 180 second discovery window as it might have timed out before the first detection.
- Make sure the batteries you are using are not old and should be replaced. If so, try again with fresh batteries.

Step 2

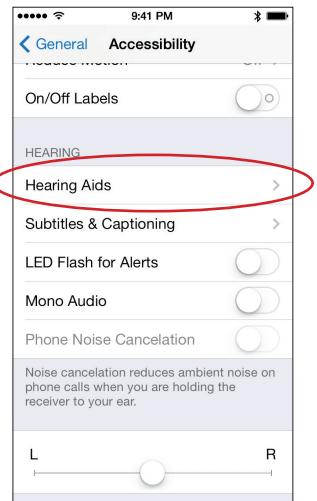


Step 3

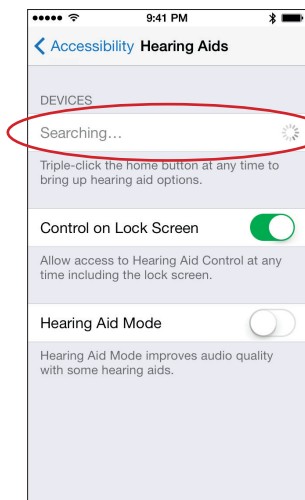
Power up hearing instruments



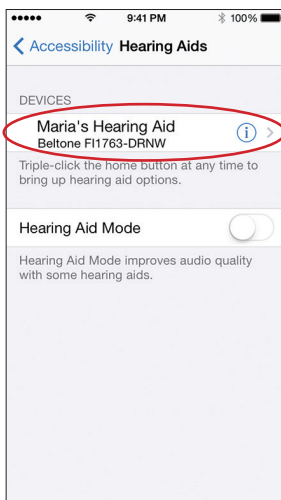
Step 4



Step 5-A



Step 5-B



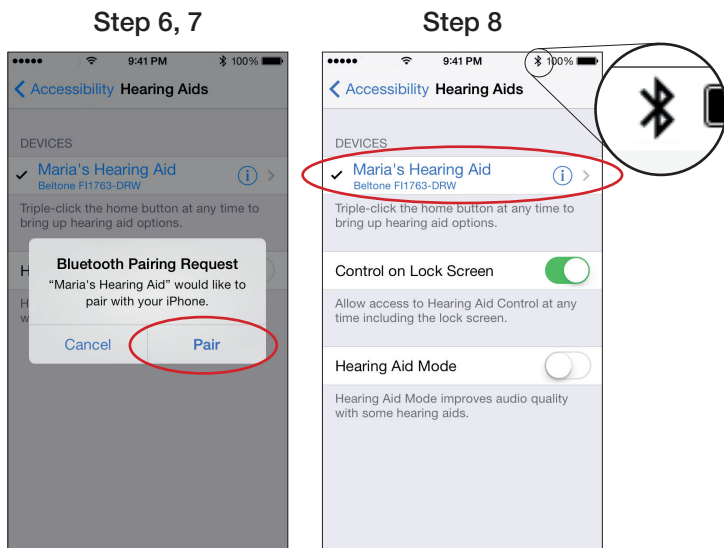
6. Tap the device name on the screen to select your hearing instruments.
7. You will now see that your device is selected as it appears with a check mark beside the hearing instrument name and the color has changed from black to blue. A pairing request dialogue box will now appear asking if you would like to pair to your iPhone, iPad, or iPod touch. Press "Pair" to begin the pairing process to your Beltone MFi hearing instrument. Note that for pairing to two devices in a binaural fitting, there will be two separate pairing requests. The second request may take a few seconds to appear after starting the first pairing.

Key note: This first time pairing includes an authentication process that occurs when you pair a Beltone MFi hearing instrument to a specific supported piece of Apple hardware. **WHILE THIS PROCESS OF AUTHENTICATION IS OCCURRING, DO NOT START ANY STREAMING TO Beltone MFi hearing instruments ON THE APPLE DEVICE AFTER PRESSING THE PAIRING REQUEST(S).**

You can verify this process is completed by one of the following two ways.

- Place the hearing instrument(s) on your ears while the authentication process is occurring. Once completed, you will hear a series of 6 beep tones followed approximately 20 seconds later by a ripple tone announcing the completion of pairing. Note that these authentication tones only occur the first time you pair a Beltone MFi device to a specific Apple device.

- Wait up to 120 seconds to be certain that the process has had sufficient time to complete.
8. Your iPhone, iPad, or iPod touch will now detect the Beltone MFi hearing instruments you paired and automatically connect to them. The status of the connection can be seen in the Hearing Aid menu screen of the selected device (see the Step 8 picture below for details).



Congratulations! You are now paired, connected, and ready for a completely new experience in hearing instrument connectivity with Beltone MFi hearing instruments and your iPhone, iPad, and iPod touch devices.

Re-Connecting to your Apple device

After pairing, you will be connected to your Beltone MFi hearing instruments. When you turn OFF your hearing instruments or your Apple device, they will be disconnected. To connect them again, just make sure Bluetooth is on as you did during the pairing process and then turn on your hearing instruments by opening and closing the battery door. The Beltone MFi hearing instruments will then automatically connect to your Apple device and you can see the Bluetooth icon is no longer greyed out but is black again showing that the devices are connected.

You can also verify this connection by accessing the Accessibility shortcut

(triple click of the home button) and verifying that the Beltone MFi devices have been detected. You can find out more on the Accessibility shortcut and its usage later in this document.

Pairing to more than one Apple device

With Beltone MFi hearing instruments, you can pair up to 5 different Apple devices to your hearing aids following the process above. While this can allow you to use more than one of the supported Apple devices with your hearing instruments, you can only connect to one of these Apple devices at a time. To switch the hearing aid connection from one Apple device to another, the easiest way is to do the following ...

1. Make sure Bluetooth is enabled on the Apple device where connection is desired.
2. Disable the Bluetooth functionality on the Apple devices you do not want to connect to using the same process for enabling Bluetooth. The Bluetooth icon will disappear from the top of the Apple device screen when you turn OFF Bluetooth.
3. Once the Beltone MFi hearing instruments are connected to the Apple device you want, you can enable Bluetooth again on your other Apple devices without interfering with the connection to the Beltone MFi hearing instruments.

Streaming directly from your iPhone, iPad, or iPod touch to your Beltone MFi device

Now that you are paired, you can start streaming audio within 2 to 3 seconds. This can be done in a number of ways.

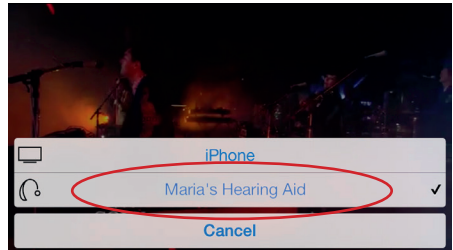
1. **Playing Music:** When playing music on your iOS device, you can stream directly to your connected Beltone MFi hearing instruments. Swipe up from the bottom of the Apple device's screen to access the Control Center and select the device that is receiving the audio. In the case below, this is the Beltone MFi hearing instrument that is being streamed to directly. If you want to stop streaming to the hearing instrument, simply select iPhone instead of the hearing instrument.

Note: There are two ways to adjust the volume level of the streamed audio you are listening to while streaming.

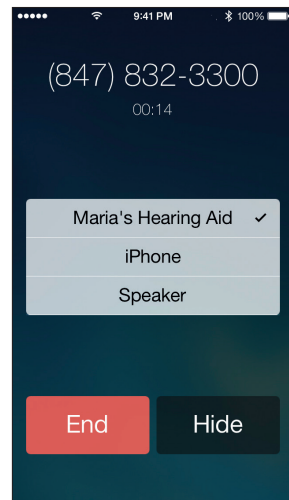
- 1) Use the volume slider on the media player to adjust the level.
- 2) Use the volume increase and decrease buttons found on the side of our iPhone, iPad, or iPod touch device.



2. Other apps: You can also select the source for the audio when in other applications like video players. Just click on the AirPlay® icon on the screen and you can select the device receiving the streamed audio. You can simply go back to normal iPhone operation via this path as well.



3. Phone and FaceTime® calls: Stream the audio of your phone or FaceTime calls directly to your hearing instruments. If you are already streaming audio (such as music) when you get a call, answer it and the audio will automatically transition to the conversation. Once the call is completed, simply end it. The audio you were streaming before the call will pick up right where you left off. If you were not streaming audio when the call was received, ending it will put you right back into normal hearing instrument operation.



Controlling your Beltone MFi hearing instruments directly from the iPhone, iPad, or iPod touch

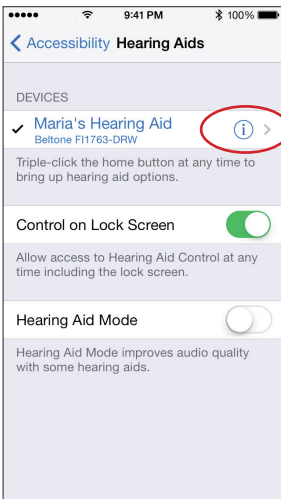
With your Beltone MFi hearing instruments connected to your supported Apple device, you can control functionality of the instruments from the device. This can be achieved in two different ways ... by using the **Settings > General > Accessibility > Hearing Aids** menu or by using the Accessibility Shortcut (triple-click) on your Apple device.

Controlling Beltone MFi hearing instruments via Settings

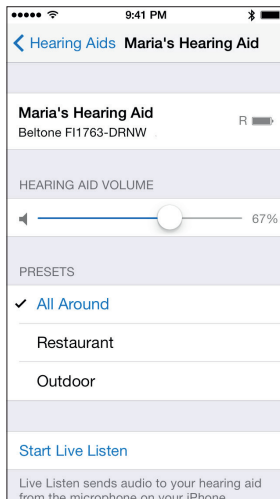
To control your device directly from your iPhone, iPad, or iPod touch from **Settings**:

1. Access the connected Beltone MFi device via the **Settings > General > Accessibility > Hearing Aids** menu as in the section on pairing.
2. Tap the device name or select the circled “i” and arrow (>) showing your hearing instruments.
3. After step two, you will go the Hearing Aids screen for your Beltone MFi hearing instrument.

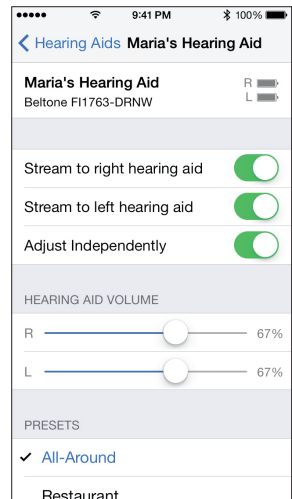
Step 2



Step 3 (1 device)



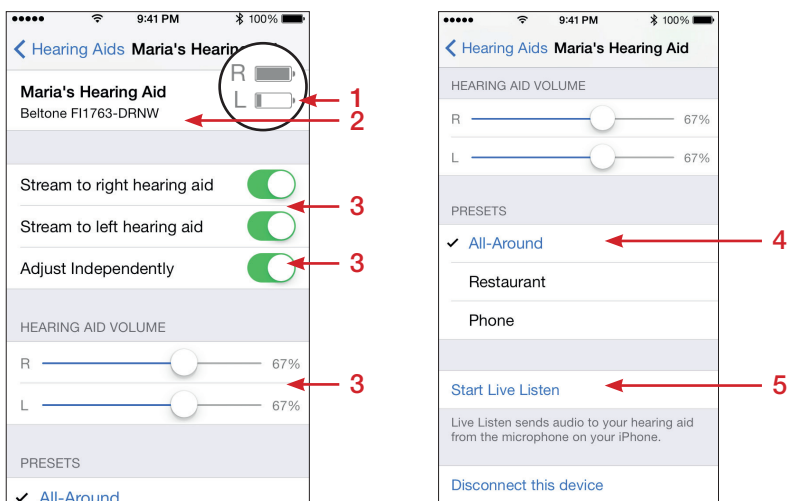
Step 3 (2 devices)



Once in this screen, you can see key information and have the ability to adjust some settings.

1. Left and Right side indicators and current battery status indicator for the respective side. The battery level indicator gives an indication of whether the Beltone MFi hearing instrument has enough power for operation (either full strength or less than full strength) or if it is at low battery level and wireless operation is close to interruption. See below an example showing a low battery state on the left Beltone MFi hearing instrument.
2. The name of the hearing instruments as stored during fitting and the brand and model name. Also seen is the patient's name as stored in fitting software (see below as "Maria").
3. If you connect to two devices in a binaural fitting, options are available to choose streaming side selection independently as well as to adjust volume for both or individually. If only one device was paired, you will have the option to adjust its volume as well.
4. Program selection information. The list of available programs is shown along with the highlighted selection of the current program. Tapping another program will change this in the hearing instrument.
5. Ability to start Live Listen™. Read more on this functionality in the section on **Live Listen** later in this guide.

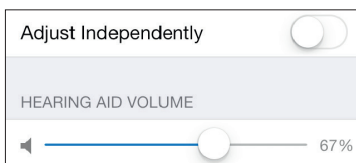
Hearing Instrument adjustment options



Note that when streaming to your Beltone MFi hearing instruments from the Apple device, the program shown in these screens will be labelled as "iPhone", "iPad", or "iPod touch"



As mentioned above, if you choose to control the volume for both hearing instruments rather than each independently, the screen will reflect this with only one volume slider for adjustment as shown below.



Note that if two hearing instruments have been paired as part of a binaural fitting and only one is connected, neither this screen or Triple-Click screen can be accessed. This is because both hearing instruments in a binaural fitting must be connected to reach the adjustment screen and without them the Apple device will continuously search for the missing hearing instrument until it is connected again.

Controlling Beltone MFi hearing instruments via the Accessibility Shortcut

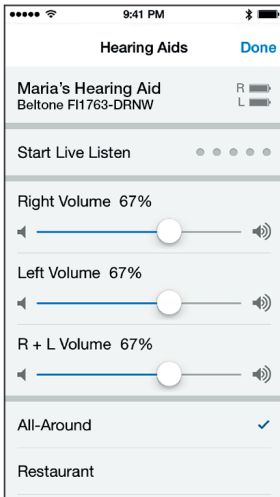
To access the functionality for controlling your device directly from your iPhone, iPad, or iPod touch from the Accessibility Shortcut, all you have to do is quickly click the home button on your supported Apple device three times. This will pull up a similar version of the adjustment screen. The Accessibility shortcut is available to you from anywhere in the operating system including the lock screen. From this screen, you will have quick access to the following functionality...

1. Information on the hearing instruments name, model, and battery status.
2. Ability to view and change the volume settings on the hearing instrument.
 - a. For two hearing instruments in binaural fittings, you will automatically get the options in this screen to both control the volume independently for each side or together as a combined R + L volume control.
 - b. Note that if the volume settings are adjusted independently and

have different values between the sides, then adjusting the combined R + L control will sync them to the same settings of volume automatically.

3. Ability to view and change the program selection on the hearing instrument
4. Ability to start and stop Live Listen

Note that some control functionality such as streaming side selection or disconnecting the device is only available in the screen as accessed from the **Setting** menus. See below for an example of the adjustment screen as seen after using the Accessibility Shortcut.



Using Live Listen

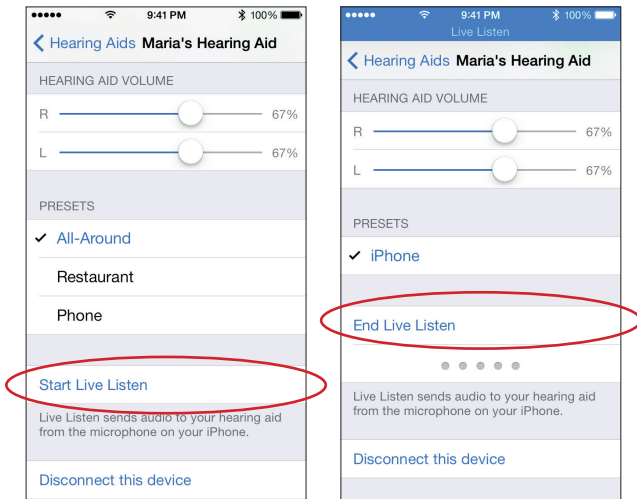
With Live Listen, you can stream sound picked up from the microphone of your iPhone, iPad, or iPod touch directly to your hearing instruments within 2 - 3 seconds just like you can media or phone calls.

This functionality can be accessed either using the **Accessibility Shortcut** (triple-click) or by using the screen from **Settings > General > Accessibility > Hearing Aids** when selecting your devices. Selecting **Start Live Listen** as in the example below will initiate the start of this functionality. After starting, the audio will be streamed to the Beltone MFi hearing instruments and the text on the screen will change to "End Live Listen". An indication of the level of sound picked up by the Apple device microphone is shown dynamically on the dot indicators next to or below Live Listen. Also, as when streaming in general, you also can see the program selection changed to the Apple device rather than the hearing instrument programs.

To stop Live Listen, select **"End Live Listen"** on this screen.

Note: While Live Listen is active, a blue banner stating this will be seen at the top of the screen. This will remain even when exiting the hearing instrument screens until Live Listen functionality is ended.

Using Live Listen



Disconnecting Hearing Instruments from your Apple device

In the event that you need to disconnect your new Beltone MFi hearing instruments from your iPhone, iPad, or iPod touch to pair to new Beltone MFi hearing instruments, you can also do this from the Hearing Aids screen in Settings > General > Hearing Aids. Tap on the Hearing Instrument name to return to the adjustment screen. Scroll down and tap on **Disconnect this Device**. A dialogue box will appear asking if you want to do this. If you proceed, pairing will be removed and the hearing instruments will no longer be connected to your Apple device. If you want to connect them again or pair to new hearing instruments, turn Bluetooth OFF then back ON the Apple device and follow the steps in the pairing section at the beginning of the document. Note that pairing is required again once devices are disconnected.

Note: The authentication process that requires up to 120 seconds (see the pairing section) only occurs the first time you pair a Beltone MFi hearing instrument to your specific Apple device. For cases where you are pairing devices again after disconnecting, the Beltone MFi hearing instruments can be used in normal operation right after the pairing request(s) are received and “Pair” is pressed.



Disconnecting Devices

Further support

In the unlikely event that streaming performance or connection to the device experiences some delay or inconsistency, most issues can be resolved by one of the below steps.

- 1) Turn Bluetooth on the Apple device OFF then back ON
- 2) Reboot the hearing instruments by opening and closing the battery doors. For best results if connection is lost by walking out of range, wait 10 seconds before closing the battery doors again to allow batteries to recover fully.
- 3) Reboot the Apple device
- 4) Try replacing the batteries with fresh ones

Not that due to the position of the antenna on the iPhone, facing the back of the iPhone away from the body could result in improved performance if placed in a pocket.

For more information and support on the Beltone MFi hearing instruments and its Made for iPhone functionality, please contact your hearing care professional or visit our support site at www.beltone-hearing.com.



Beltone First and Beltone Boost are compatible with iPhone 5s, iPhone 5c, iPhone 5, iPad Air, iPad (4th generation), iPad mini with Retina display, iPad mini, and iPod touch (5th generation) using iOS 7.X or later. Apple, the Apple logo, FaceTime, AirPlay, Live Listen, iPhone, iPad and iPod are trademarks of Apple Inc., registered in the U.S. and other countries.

Beltone HearPlus™ app

Download and Usage

Download Beltone HearPlus app

App Store > Search: Beltone HearPlus > Click FREE to start downloading

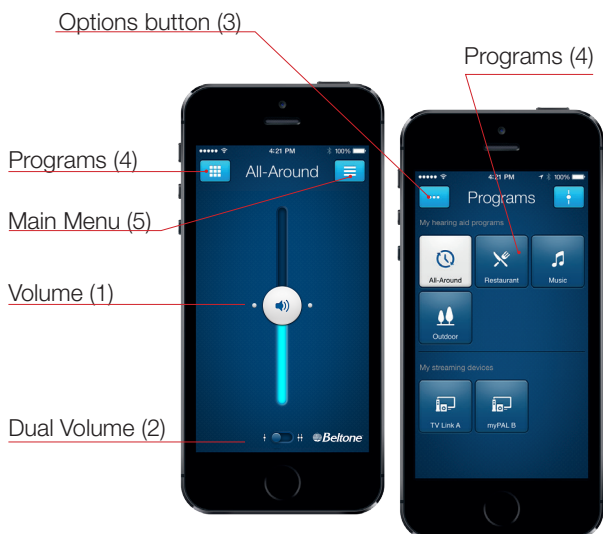


Initial setup

Once you've paired your MFi hearing aids and downloaded the app, tap the app icon to get started.

On welcome screen, tap Get Started > Accept Terms of Use > Ok > Wait until the Beltone MFi device will automatically connect to the app> When prompted, tap "yes" to let the app use your current location.

Now you are ready to begin using the HearPlus app.



HearPlus app features

Volume Control (1)

Tap on the icon to open the app. Slide the bar (1) up and down to increase or decrease the volume for **both** hearing aids. You can slide all the way down to *mute* the volume.

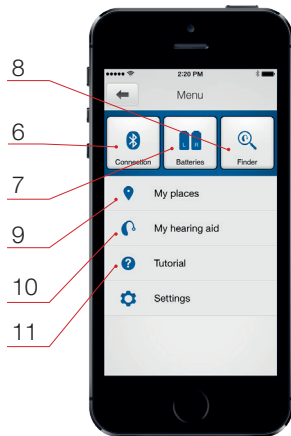
If you have two hearing aids, tap the Dual Volume (2) button to adjust volume individually. Two volume sliders will appear. You can also pinch with your fingers on the screen to get 2 sliders.

Programs (4)

Choose the program you want by pressing the corresponding button. The icons illustrate the program function.

Options Button (3)

Tap on the Options button to adjust **treble** and **bass** and save locations to **My Places**.



Main Menu Button (5)

Tap on the Menu button to access additional features of the app:

(6) Check the **Connection** status of your hearing aids to your streaming device and Apple device.

(7) Hearing aid **Battery status**

(8) Use **Finder** to retrieve the last known location of your hearing aids, if they happen to be misplaced. Also use **Finder** to search for your hearing aids when they are close by

(9) Saved locations will appear in **My Places**

(10) Use our tips and tricks in **My hearing aid** and learn how to maintain and troubleshoot your hearing aids

(11) This in-app **Tutorial** will guide you through the app features.

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