

## PHONE SOLUTIONS

**PRODUCT AVAILABILITY:** A4 iQ, Invisibel Synergy iQ, A4, and Invisibel Synergy Devices

A4 and Invisibel Synergy wireless devices feature a number of phone solutions to meet the needs of any patient. Several phone options can be configured as memories in the hearing devices, including the Ear to Ear phone streaming feature.

Ear to Ear phone streaming takes phone audio from the microphone or telecoil of one hearing device and wirelessly transmits it to the opposite device. With this feature, the patient is able to hear phone audio in both ears without an intermediary device. Ear to Ear phone streaming is available for binaural fittings in wireless A4 and Invisibel Synergy devices.

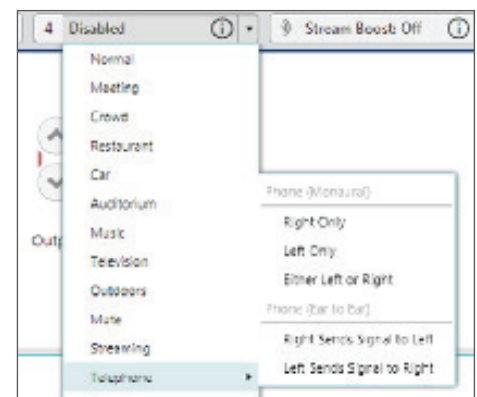
Ear to Ear binaural phone streaming is designed to enhance a patient's ability to communicate on a telephone. The telephone signal can be enabled to wirelessly stream from one hearing device to the other.

**NOTE:** Ear to Ear binaural phone streaming is available in i2400, i2000, and i1600 devices only.

1. Launch **Inspire X**, then connect and detect hearing devices. Refer to the *Initial Fitting Protocol QuickTIPS* for more information on getting started.
2. Select **Memories** on the left navigation bar.

## MEMORIES

1. Select **memory 2, 3, and/or 4**, select the **arrow** to extend the memories menu, then select a phone memory in one or more of the memory slots. Options include:
  - » **Telephone:** Adjusts the frequency response to improve audibility when talking on the phone. This is a manual memory that requires the patient to use either a memory button or a remote for engagement.
  - » **Autophone:** Adjusts the frequency response to improve audibility when talking on the phone. This is automatically activated when the phone is placed near the hearing device.
  - » **Telecoil:** Activates the telecoil in the hearing device to improve audibility on the phone and with assistive listening devices. This is a manual memory that requires the patient to use either a memory button or a remote for engagement.
  - » **Autocoil:** Activates the telecoil in the hearing device to improve audibility on the phone. This automatically activates the telecoil electromagnetically when the phone is placed near the hearing device.
2. Select a configuration option. Options include:
  - » **Right Only**
  - » **Left Only**
  - » **Either Left or Right**
  - » **Right Sends Signal to Left**
  - » **Left Sends Signal to Right**



Memory Options

**NOTE:** Right Sends Signal to Left and Left Sends Signal to Right are the only options that support Ear to Ear phone streaming.

## PHONE (EAR TO EAR)

1. Select **Right Sends Signal to Left** or **Left Sends Signal to Right** to enable Ear to Ear phone streaming. One hearing device (the phone side) will send the signal and one hearing device (the non-phone side) will receive the signal for binaural listening.
2. Select the phone side hearing device microphone relative to the Autocoil/Telecoil (for Autocoil and Telecoil memories only). **Send Signal** options include:

- » **Mic Off** (input from autocoil/telecoil only)
- » **Mic On: 0 dB** (no microphone attenuation on phone side)
- » **Mic On: -3 dB** (3 dB of attenuation on phone side)
- » **Mic On: -6 dB** (6 dB of attenuation on phone side)
- » **Mic On: -9 dB** (9 dB of attenuation on phone side)

**NOTE:** Send Signal defaults to Mic Off.

3. Select the non-phone side hearing device microphone response relative to the streamed phone signal. **Receive Signal** options include:

- » **Mic Off** (input from streamed signal only)
- » **Mic On: 0 dB** (no microphone attenuation on non-phone side)
- » **Mic On: -3 dB** (3 dB of attenuation on non-phone side)
- » **Mic On: -6 dB** (6 dB of attenuation on non-phone side)
- » **Mic On: -9 dB** (9 dB of attenuation on non-phone side)

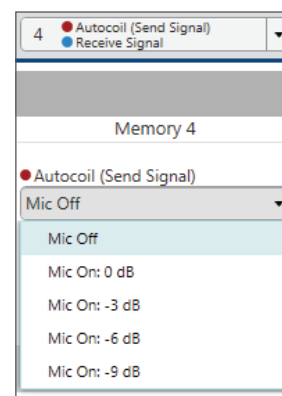
**NOTE:** Receive Signal defaults to Mic Off.

4. On the side that is designated as **Send Signal**, the patient will select the **memory user control** to manually enter into the memory (Telephone and Telecoil) or **hold the phone to the ear** to automatically enter the memory (Autophone and Autocoil).
5. Ear to Ear phone streaming will begin within two seconds and the side that is designated as **Receive Signal** will receive the signal. The signal will take on the gain, response, and feature settings of the Send Signal phone side.
6. Both devices will return to the previously-used memory when the patient **manually leaves the memory** (Telephone and Telecoil) or the **phone is removed from the ear** (Autophone and Autocoil).

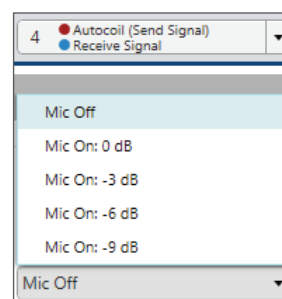
## BINAURAL EAR TO EAR PHONE STREAMING

To enable Ear to Ear phone streaming for both sides, the use of two memories is required.

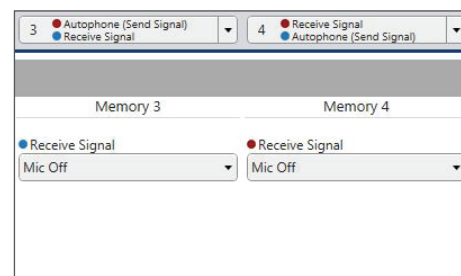
1. Select **Right Sends Signal to Left** in the **Memory 3** slot, then select the desired **Receive Signal** option for the left side.
2. Select **Left Sends Signal to Right** in the **Memory 4** slot, then select the desired **Receive Signal** option for the right side.



Microphone Offsets: Send Signal



Microphone Offsets: Receive Signal

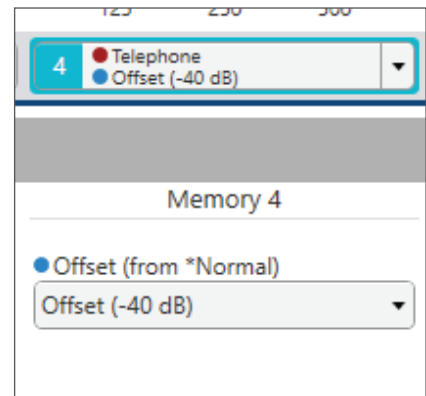


Right Sends Signal to Left and  
Left Sends Signal to Right

## RIGHT ONLY/LEFT ONLY

1. Under **Phone (Monaural)**, select **Right Only** or **Left Only** to enable only one device for optimized telephone/assistive device performance.
2. Select the non-phone hearing device response **Offset** from the \*Normal memory. Options include:
  - » **0 dB** (no microphone attenuation on non-phone side)
  - » **-6 dB** (6 dB of attenuation on non-phone side)
  - » **-40 dB** (40 dB of attenuation on non-phone side)

**NOTE:** Offset defaults to -40 dB. Right Only and Left Only do not support ear to ear phone streaming.

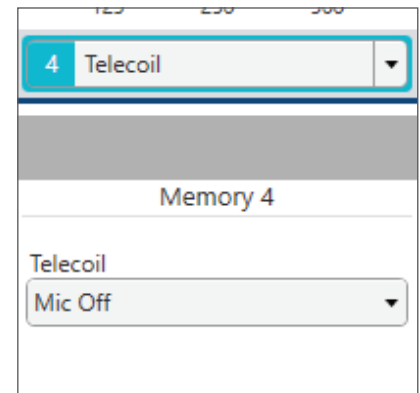


Right Only/Left Only

## EITHER LEFT OR RIGHT

1. Select **Either Left or Right** to enable both devices for optimized telephone/assistive device performance.
2. Select hearing device microphone relative to **Autocoil/Telecoil** (for Autocoil and Telecoil memories only). Options include:
  - » **Mic Off** (input from telecoil only)
  - » **Mic On: 0 dB** (no microphone attenuation when using autocoil/telecoil)
  - » **Mic On: -3 dB** (3 dB of microphone attenuation)
  - » **Mic On: -6 dB** (6 dB of microphone attenuation)
  - » **Mic On: -9 dB** (9 dB of microphone attenuation)

**NOTE:** Telecoil/Autocoil defaults to Mic Off. Either Left or Right does not support ear to ear phone streaming.



Either Left or Right