



# Bimodal fitting flow

Cochlear™ sound processors and ReSound hearing aids

## Before you begin, please note:

- During bimodal programming either the ReSound Smart Fit™ or Cochlear™ Custom Sound® Pro fitting software should be open, but not both at the same time. Close any other software using the Noahlink Wireless programming interface.
- To program devices for smart bimodal streaming you will need ReSound Smart Fit 1.8 and Cochlear Custom Sound Pro fitting software 6.1, or higher.
- For compatibility information and devices visit [cochlear.com/compatibility](http://cochlear.com/compatibility) and [resound.com/compatibility](http://resound.com/compatibility)

## 1. Fit devices

While the devices can be fitted in any order, the hearing aid and sound processor must be assigned to the correct ear.

### Program hearing aid

Use ReSound Smart Fit to program the hearing aid for audibility. We recommend the following parameters:

- Audiogram+, NAL-NL2 or preferred prescription
- Experience: Non-Linear
- P1 All Around (Soft Switching)

Modify gain, maximum power output and frequency response based on client feedback and preference.

### Program cochlear implant

Use Custom Sound Pro fitting software to program the sound processor. If required, fine-tune the MAP for acceptable loudness, sound quality and speech understanding. Place the preferred program in P1 and save to the sound processor.

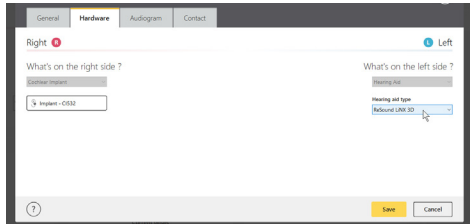


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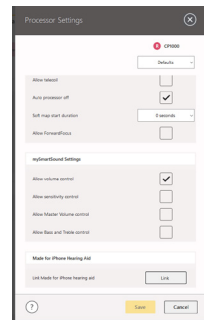
## 2. Link devices for smart bimodal streaming in Custom Sound Pro fitting software (compatible devices only)

**Note:** If the sound processor or hearing aid are already paired with other Bluetooth® devices (i.e. smartphone or wireless accessories), turn the Bluetooth devices off during the linking process.

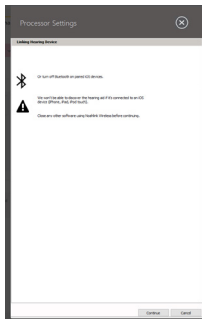
- 1 Ensure the ReSound compatible hearing aid is added under Hardware in Patient Details.



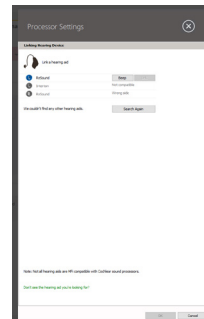
- 2 Select *Finalise* then *Processor Settings*, then *Link*.



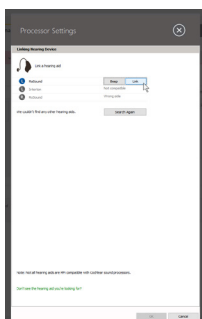
- 3 Follow steps and select *Continue*.



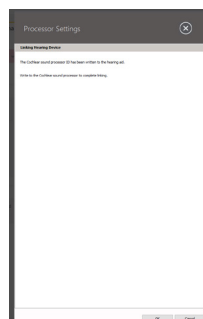
- 4 The hearing aid will be detected. Select *Beep* to confirm the correct device has been selected.



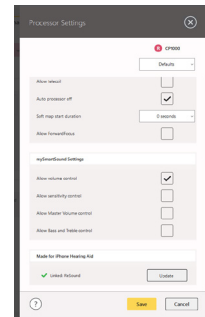
- 5 Select *Link*.



- 6 Select *OK* after the sound processor ID has been written to the hearing aid.



- 7 The linked hearing aid will now show in Processor Settings. Write to processor to save linking.



### 3. Balance bimodal loudness in ReSound Smart Fit

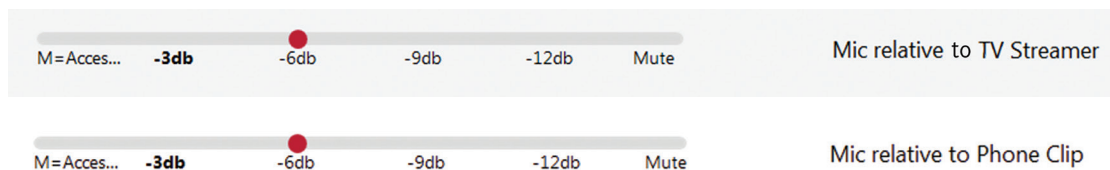
While using their sound processor and hearing aid, ask the client to assess if sound is centred in the middle of their head, rather than to one side, using conversational speech.<sup>1</sup> If sound is not balanced, adjust the hearing aid gain in ReSound Smart Fit to achieve the client's preferred loudness balance.

If required, use AutoRelate in the Tools menu to apply other fine tuning programs.

### 4. Accessory mixing in ReSound Smart Fit

In ReSound Smart Fit, use AutoRelate in the Tools menu to apply the programs for phone accessory and streaming accessory.

You do not need to adjust the mixing ratio for the Cochlear Mini Microphone 2/2+ or ReSound Micro / Multi Mic. For the Cochlear TV Streamer, ReSound TV Streamer 2, Cochlear Phone Clip or ReSound Phone Clip+ you will need to adjust the mixing ratio to -6dB.



Programming complete

## References

1. Cochlear Limited. D1195503. Bimodal CI Whitepaper. 2017, Nov.

## Cochlear and ReSound collaborate in the Smart Hearing Alliance to develop advanced and innovative hearing solutions for you.



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**Hear now. And always**



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### **ReSound is part of the GN group. GN makes life sound better through intelligent audio solutions.**

Please seek advice from your health professional about treatments for hearing loss. Outcomes may vary, and your health professional will advise you about the factors which could affect your outcome. Always read the instructions for use. Not all products are available in all countries.

The Cochlear Nucleus 7 and Kanso 2 Sound Processors are compatible with iPhone, iPad and iPod touch. The Cochlear Nucleus Smart App is available on App Store and Google Play. For compatibility information visit [www.cochlear.com/compatibility](http://www.cochlear.com/compatibility).

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Selected ReSound hearing aids are compatible with iPhone, iPad and iPod touch. The ReSound Smart app and ReSound Smart 3D app are available on App Store and Google Play. For compatibility information visit [www.resound.com/compatibility](http://www.resound.com/compatibility).

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