

Fitting guide.
Receiver-in-Canal (RIC).

Receiver in canal (RIC) guide.



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Fitting guide.
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RIC Produktlinie.

sound 312.



RIC options	Vmax./LAmx. (2cc)	Battery
Standard RIC	45/112 dB	312
Power RIC	55/126 dB	312
Super Power RIC	61/129 dB	312

sound 13.

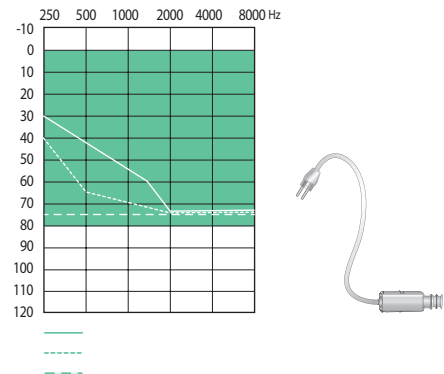


RIC options	Vmax./LAmx. (2cc)	Battery
Standard RIC	45/112 dB	13
Power RIC	55/126 dB	13
Super Power Plus RIC	65/133 dB	13

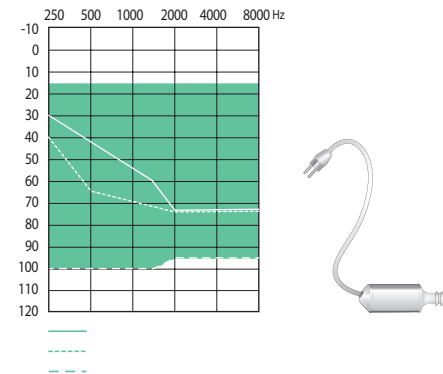
⚠ Warning to hearing healthcare professional: Domes should never be fitted on patients with perforated eardrums, exposed middle ear cavities, or surgically altered ear canals. In the case of such a condition, we recommend to use a customized ear mold. In the unlikely case that any parts remain in the ear canal after the removal of the hearing instrument, contact a physician immediately

Fitting guide.
Receiver-in-Canal (RIC).

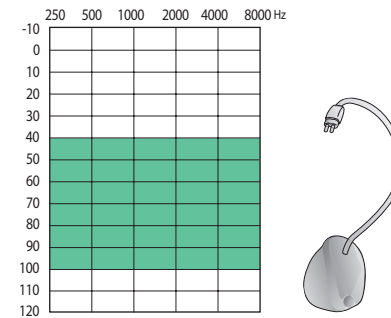
Standard-xReceiver.



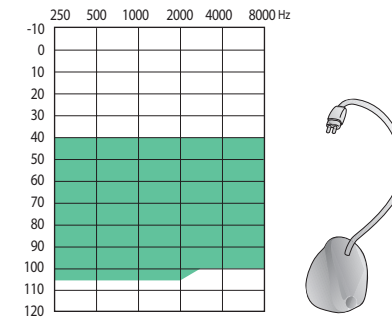
Power-xReceiver.



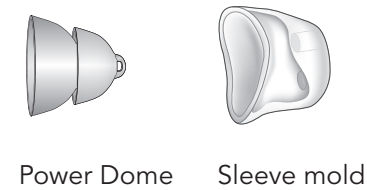
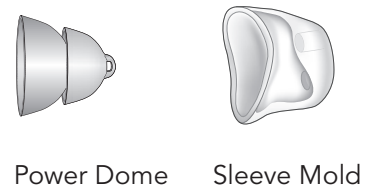
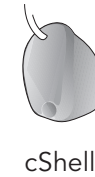
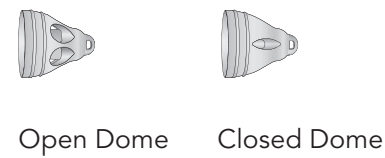
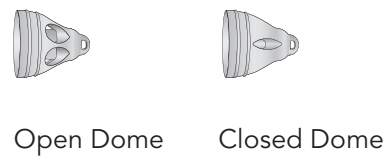
Super Power-xReceiver.



Super Power Plus*-xReceiver.



Coupling options.



Fitting guide.

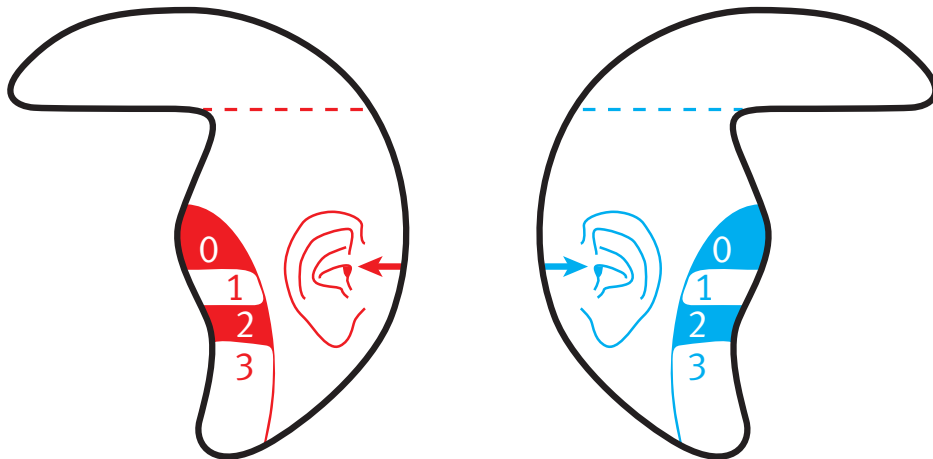
Receiver-in-Canal (RIC).

Measuring for an accurate xReceiver unit.

Choosing the correct xReceiver wire length will ensure a more accurate, comfortable fit. The measurement tool included in the kit allows for a quick and simple measurement and has the following features:

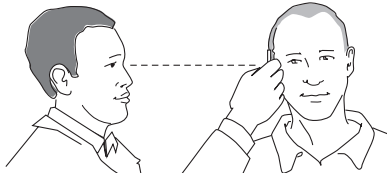
Color Code Markings – blue (left ear) and red (right ear) color code markings to indicate which of the patient's ears to measure.

Horizontal Line Markings – measurements must be made horizontally with the measurement tool touching the skin in the gap between the head and the top of the pinna. Four Horizontal Sightlines – (0-1-2-3) – to indicate which wire length you should use for an accurate fitting.

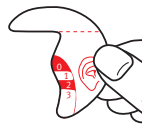


To measure for an accurate wire length.

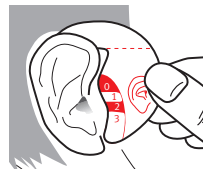
- 1 Place your head at the same horizontal level as the patient's head so you are looking straight into the patient's ear that you wish to fit with the hearing instrument.



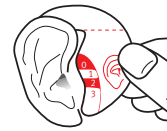
- 2 Hold the measurement tool with the appropriate blue or red color code marking (for the left or right ear) with your thumb placed on the ear diagram.




- 3 Place the measurement tool on the top of the ear and in contact with the skin in the narrow gap between the head and the pinna. Keep the horizontal line on the measurement tool horizontal and level.



- 4 Choose the sightline (0-1-2-3) on the measurement tool that is most parallel with the top of the opening of the ear canal. In this example, the sightline marked 1 would be the most accurate choice.



- 5 Make a note of the sightline chosen and then repeat steps 1-4 on the opposite ear for a binaural fitting.

 Note: It is important to measure the opposite ear for a binaural fitting since right and left ear sizes can vary and thus, require different wire lengths.

Fitting guide.

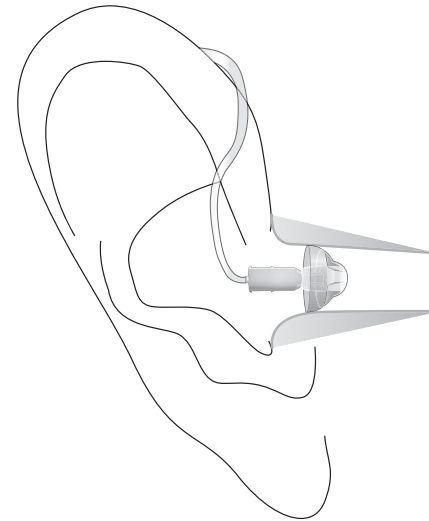
Receiver-in-Canal (RIC).

Modifying xReceiver wire to improve fit.

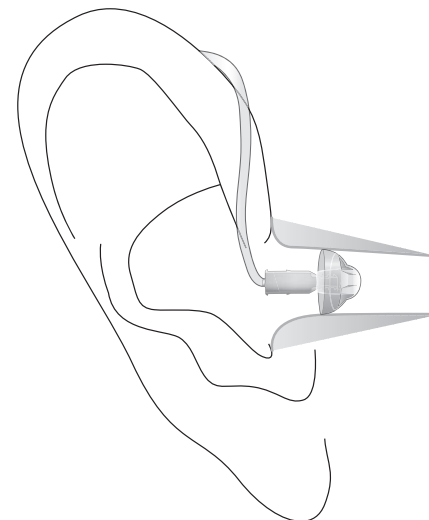
In some cases, you might find that the wire of the xReceiver unit does not lie close to the side of the head or follow the shape of the ear.

First, ensure the selected dome and xReceiver unit sizes are appropriate (see following pages).

- 1** Remove the xReceiver unit from the hearing instrument.
- 2** Heat the tube carefully with a hairdryer at a low setting for a few seconds.
- 3** Do not use excessive heat to avoid damage to the electrical components.
- 4** Bend the tubing into the desired shape and hold until it has cooled off. Once completely cooled, the tube will maintain its new shape.



Poor fit (tube does not lie close to the head)

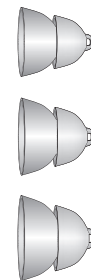
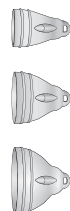
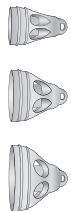


Good fit

Fitting guide.
Receiver-in-Canal (RIC).

Choosing the correct coupling for standard xReceivers.

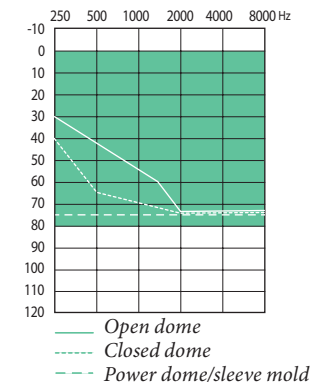
Determine the correct dome size based on your otoscopic examination of the ear canal. Select the dome type based on the audiometric requirements and fitting ranges shown on this page. Allow the dome to fit comfortably in the ear canal.



Schlechter Sitz
(Dome zu klein)



Guter Sitz



Open Dome

Choose for:

- Instant fit
- Open fit

Considerations:

- Occlusion free

Closed Dome

Choose for:

- Instant fit
- Open fit

Considerations:

- Extended fitting range over open dome
- Some occlusion

Power Dome

Choose for:

- Instant fit
- Open fit

Considerations:

- Extended low-frequency response
- Occlusion

Hohlotoplastik cShell

Choose for:

- Custom fit

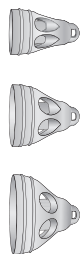
Considerations:

- Comfort
- possible occlusion
- Impression required

Fitting guide.
Receiver-in-Canal (RIC).

Choosing the correct coupling for power xReceivers.

Determine the correct dome size based on your otoscopic examination of the ear canal. Select the dome type based on the audiometric requirements and fitting ranges shown on this page. Allow the dome to fit comfortably in the ear canal.



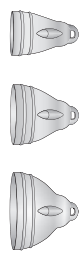
Open Dome

Choose for:

- Instant fit
- Open fit

Considerations:

- Occlusion free



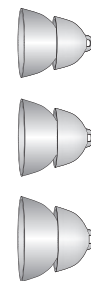
Closed Dome

Choose for:

- Instant fit
- Semi-occluded fit

Considerations:

- Extended fitting range over open dome
- Some occlusion



Power Dome

Choose for:

- Instant fit
- Occluded fit

Considerations:

- Extended low-frequency response
- Occlusion



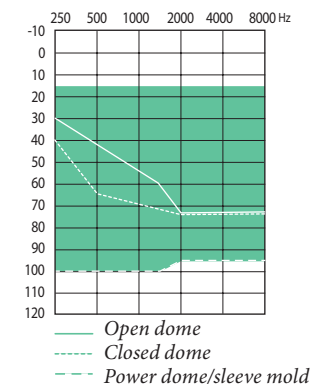
Sleeve mold cShell

Choose for:

- Custom fit

Considerations:

- Comfort
- Possible occlusion
- Impression required



Fitting guide.

Receiver-in-Canal (RIC).

Choosing the correct coupling for super power and super power plus xReceivers.

Select, based on the audiometric requirements and fitting ranges shown on this page.



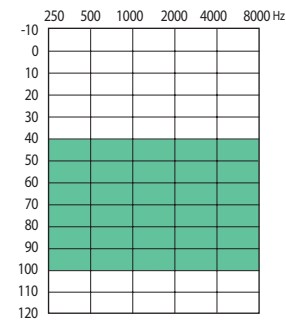
cShell

Choose for:

- Custom fit

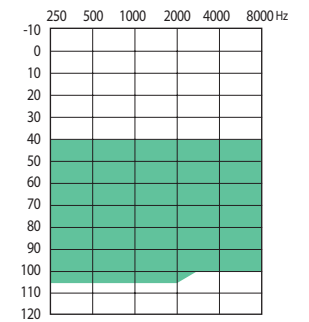
Verwendbar für:

- Comfort
- Possible occlusion
- Impression required



Super power** xReceiver

**R 312, Rm 312 only



Super power plus* xReceiver

*R 13 only

Fitting guide.

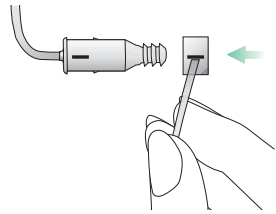
Receiver-in-Canal (RIC).

Attaching the retention piece to the standard or power xReceiver unit.

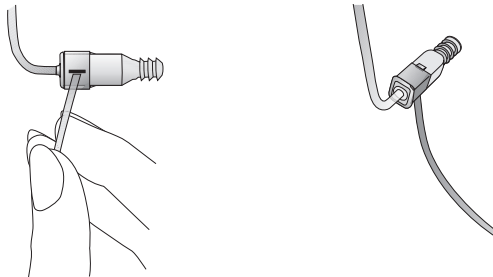
The retention piece may be used for fittings with the open or closed dome depending on the patient's requirements. The retention piece is optional and allows for extra security in the ear. The retention piece can easily be cut shorter to comfortably fit into the patient's concha bowl.

To attach the retention piece.

- 1 Slide the retention piece over the receiver.

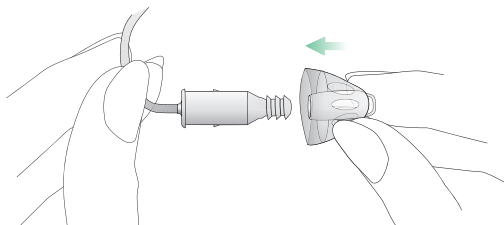


- 2 The retention piece should be secured over the receiver so it appears as one piece.

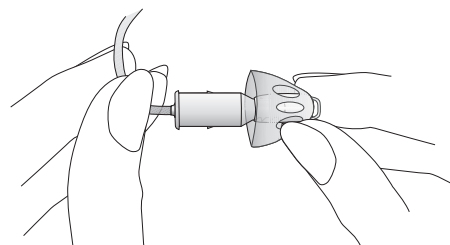


Attaching the dome or sleeve mold to the standard xReceiver unit.

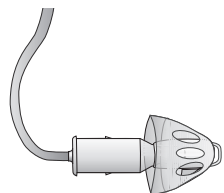
- 1 Hold the xReceiver unit in one hand and the coupling (i.e. dome or sleeve mold) in the other hand.



- 2 Slide the appropriate coupling over the receiver.

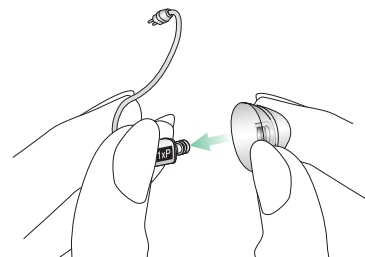


- 3 The xReceiver unit and coupling should fit snugly together.

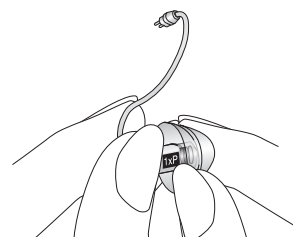


Attaching the power dome to the power xReceiver unit.

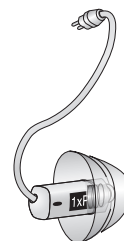
- 1 Hold the xReceiver unit in one hand and the power dome in the other hand.



- 2 Slide the power dome over the receiver.



- 3 The xReceiver unit and power dome should fit snugly together.



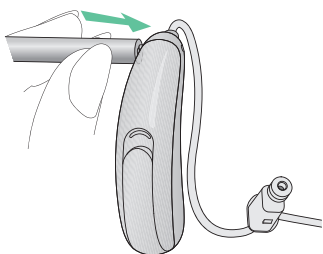
Fitting guide.

Receiver-in-Canal (RIC).

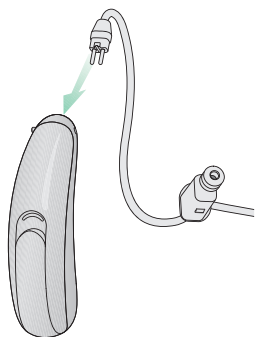
Attaching the standard, power or super power xReceiver unit to sound 312.

Attaching the xReceiver unit to sound 312.

- 1 Use the small silver tool to push the slider pin slightly sideways.



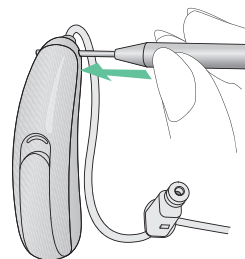
- 2 Place the xReceiver unit on sound 312.



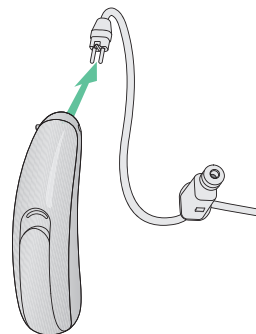
- 3 Use the back of the small silver tool to push in the slider pin.

Removing the xReceiver unit from sound 312.

- 1 Use the small silver tool to push the slider pin slightly sideways.



- 2 Remove the xReceiver unit.

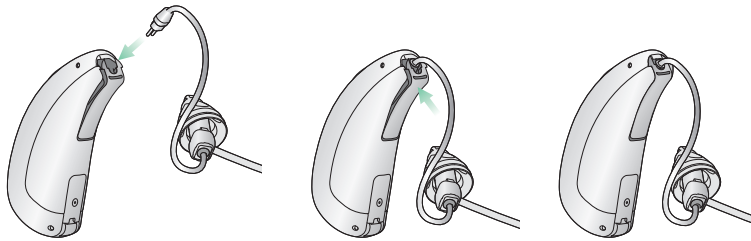


Fitting guide.
Receiver-in-Canal (RIC).

Attaching the standard, power or super power plus xReceiver unit to sound 13.

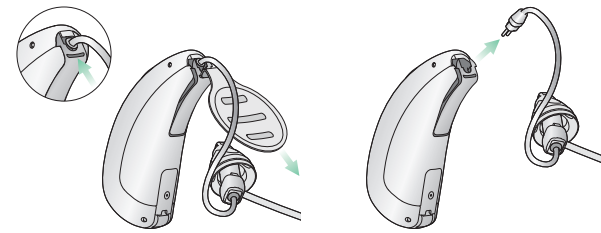
Attaching the xReceiver unit to sound 13.

- 1 Ensure the xReceiver lock is in the open position.
- 2 Place the xReceiver unit on the hearing aid.
Push the lock closed.



Replacing the xReceiver unit from sound 13.

- 1 Insert the tool into the slot to open the xReceiver lock.
- 2 Remove the xReceiver unit.

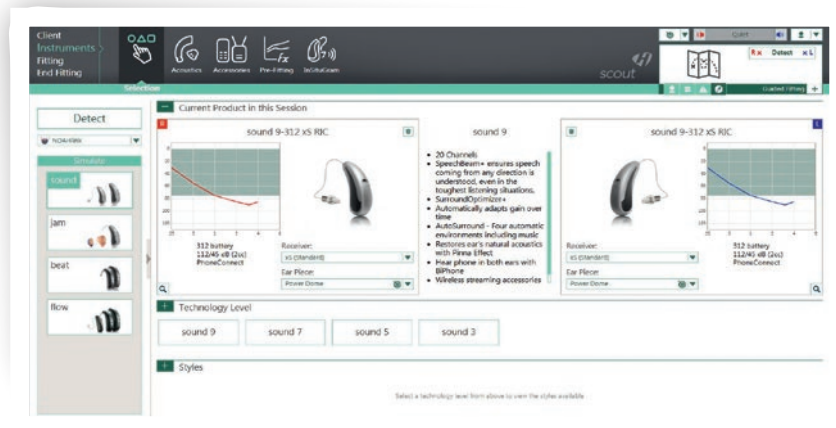



Fitting guide.
Receiver-in-Canal (RIC).

Configuring in HANSATON scout.

Detection screen.

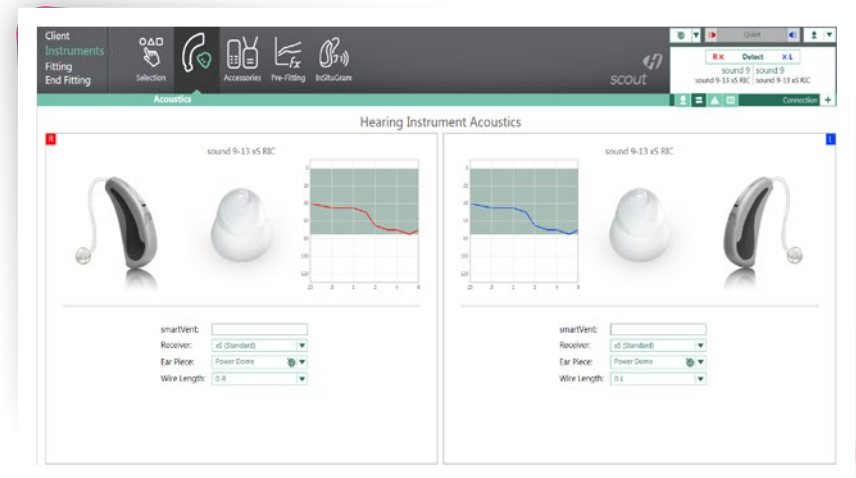
- 1 Connect hearing instrument to the NOAHLink, HI-PRO, or iCube and click the detect icon. HANSATON scout software will display the connected devices and serial numbers.




 Note: After connecting to the hearing devices, go to the Acoustics screen and select the correct receiver and "tip" option.

Acoustics screen.

- 2 Go to the Acoustics screen in the Instruments menu.
- 3 Select the connected Receiver unit for each hearing instrument from the drop-down lists.
- 4 Select the connected tip from the drop down list. If applicable, choose the appropriate size of venting. Whenever a change to the xReceiver unit or dome is made during the fitting, you need to revisit the Acoustics screen and specify your choices to allow for correct gain calculations.

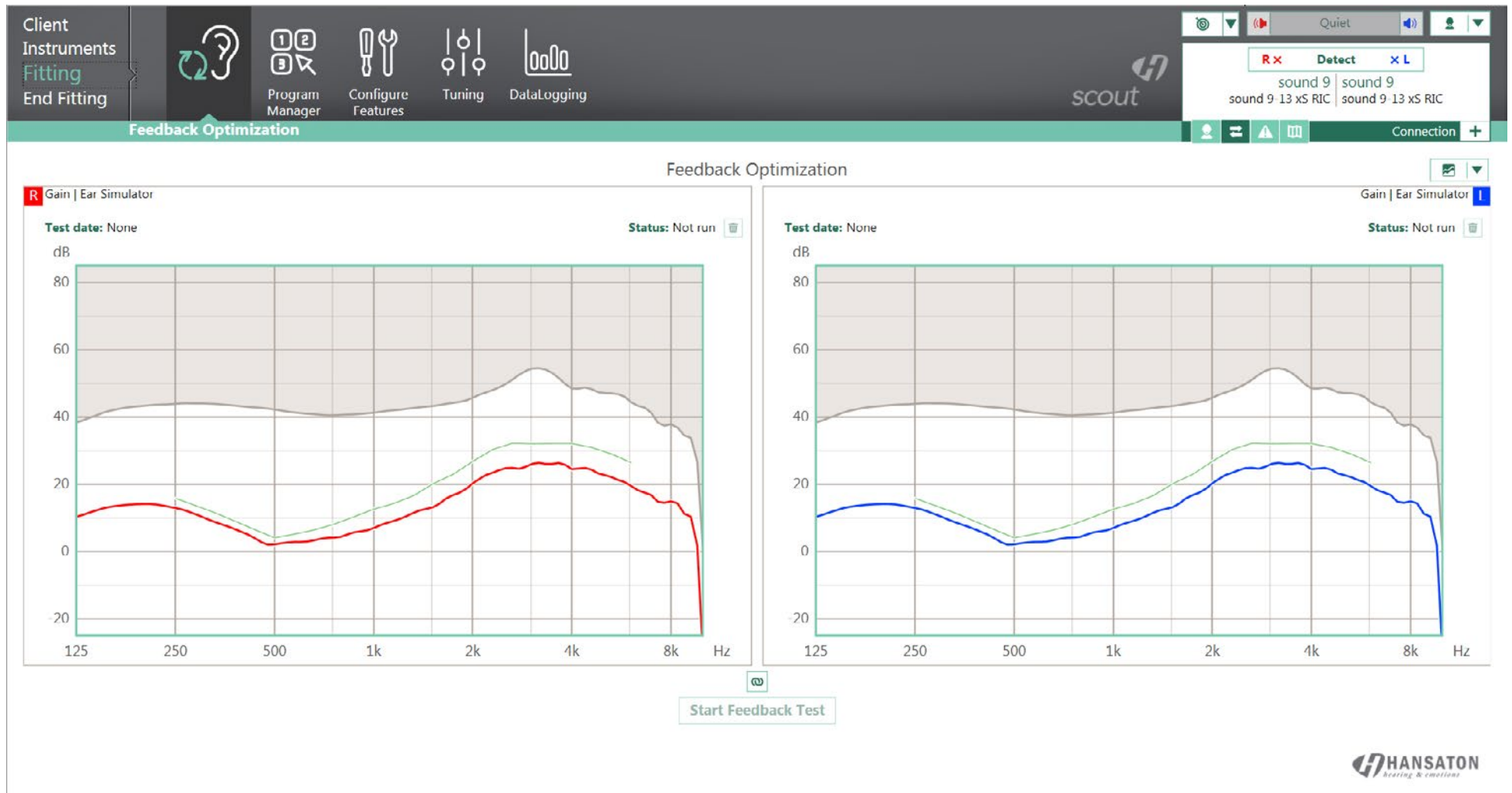


 Note: Please ensure that the connected xReceiver unit is selected and a QuickFit is performed before inserting hearing instrument into your patient's ear canal. Once your setup selection is complete, go to Feedback Optimization under Fitting.

Fitting guide.
Receiver-in-Canal (RIC).

Feedback optimization.

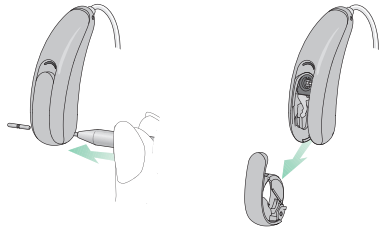
Run Feedback Optimization.



sound 312 battery door replacement.

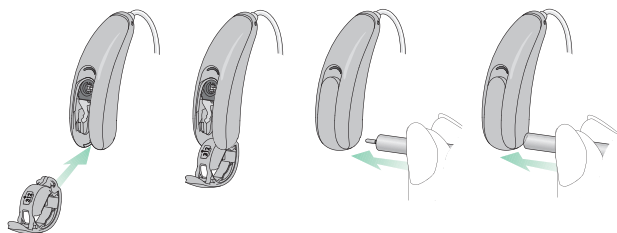
Removal.

- 1 Use the small silver tool to push the pin out.
- 2 Remove the battery door.



Installation.

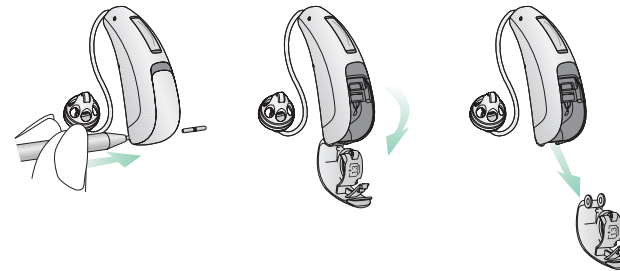
- 1 Line up the battery door.
- 2 Insert the pin. Use the back of the small silver tool to push the pin in.



sound 13 battery door replacement.

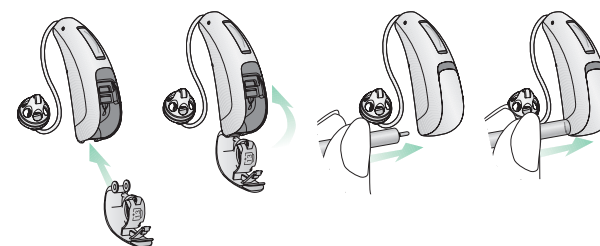
Removal.

- 1 Use the small silver tool to push the pin out.
- 2 Remove the battery door.



Installation.

- 1 Line up the battery door.
- 2 Insert the pin. Use the back of the small silver tool to push the pin in.



Fitting guide.

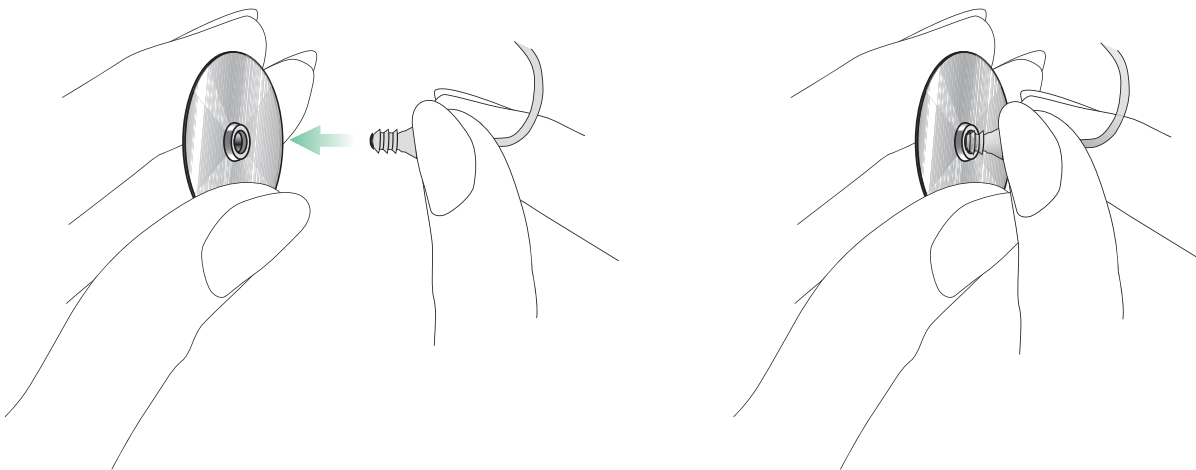
Receiver-in-Canal (RIC).

How to measure performance in a coupler.

RIC devices should be measured with a HA1 coupler since it best reflects the acoustical properties in the ear canal. The xReceiver kit includes a metal adapter plate that fits on a HA1 coupler and allows for a good connection of the xReceiver unit to the coupler.

Select Activate Test Box Measurement Mode in HANSATON scout software from the menu on the top menu bar. Clicking on Activate Test Box Measurement Mode disables the adaptive features and activates the omnidirectional microphone mode to allow for correct measurements.

Click on Deactivate Test Box Measurement Mode to reestablish the previous settings.



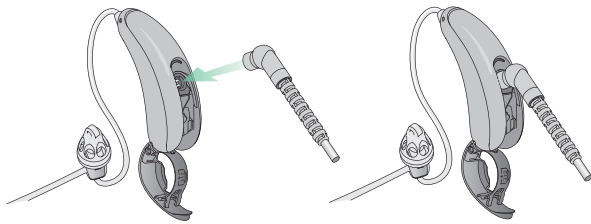
Attach the standard xReceiver to the metal adapter plate.

Fitting guide.
Receiver-in-Canal (RIC).

sound 312 programming cable.

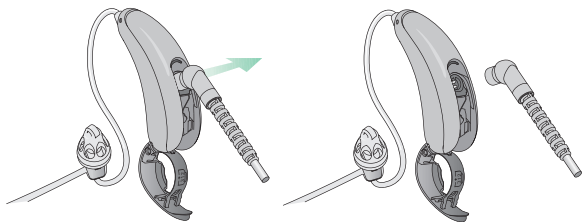
Insertion.

- 1 Open the battery door to reveal the programming port.
- 2 Push the cable down onto the programming port.



Removal.

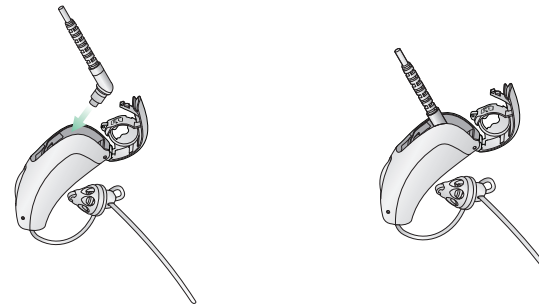
- 1 Pull up the programming cable and remove.



sound 13 programming cable.

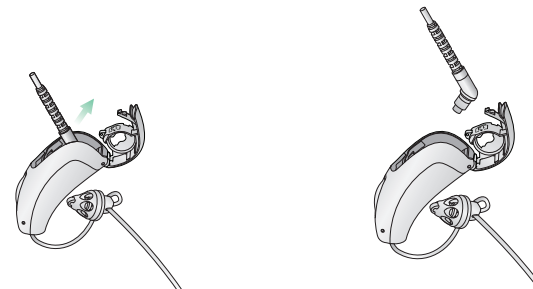
Insertion.

- 1 Open the battery door to reveal the programming port.
- 2 Push the cable down onto the programming port.



Removal.

- 1 Pull up the programming cable and remove.



Fitting guide.

Receiver-in-Canal (RIC).

Wax guard replacement and cleaning domes.

All xReceiver units are equipped with a wax guard system to protect the xReceiver from ear wax. The wax guard can be easily replaced. You will need to counsel your patient on how to replace the wax protector, see instructions included with the replacement packs.

If necessary, the domes and xReceiver units can be wiped with a damp cloth; however, xReceiver units should never be submerged in water to avoid damage to the electrical components.



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