Programming Naída™ CI All-In-One Solution in SoundWave™

ADVANCED BIONICS
POWERFUL CONNECTIONS

SoundWave provides fully integrated fitting for any recipient who wishes to take advantage of acoustic hearing in the same ear as the cochlear implant. Follow the steps below to program the Naída CI All-In-One Solution.

Audiometric Testing

Gather Current Audiometric Data
Verify that the recipient has acoustic hearing by performing unaided pure tone audiometry across the frequency range.
- Obtain Air Conduction Thresholds (AC).
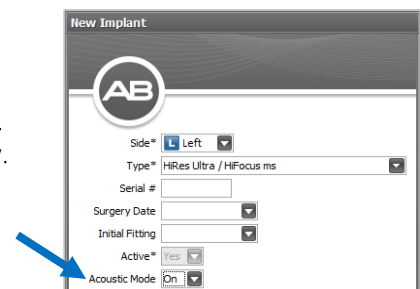- Obtain Uncomfortable Loudness Levels (UCL), if desired.

Manage Acoustic Information

Access the Patient File in SoundWave

Enable Acoustic Mode in the Implant Tab
Acoustic Mode allows access to the Acoustic Parameters within SoundWave.
- In the Implant Tab, select **New** or **Edit** to access the Implant Window.
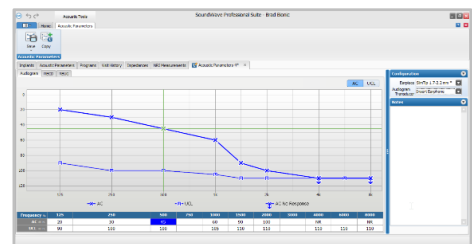- Select **Acoustic Mode – On**.

Select Acoustic Parameters
After acoustic mode has been enabled, the Acoustic Parameters tab will appear.
- In the Acoustic Parameters Tab, select **New Right** or **New Left.**

Enter the Audiogram
- In the Audiogram Tab, enter the recipient's unaided pure tone audiometry Air Conduction (AC) thresholds and Uncomfortable Loudness Levels (UCL) across the frequency range.
  Note: If no response was noted for a specific frequency, select the highest tested level. Right-click on the value in the audiogram to select **Mark as No Response**.
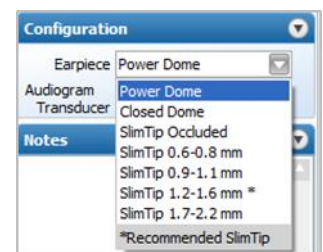

Enter RECD and/or REUG Values (optional)
- In the RECD or REUG Tab(s), enter the recipient's values.
  Note: If no values are entered, default adult values will be applied.

Select an Earpiece
- Under Configuration, select the earpiece from the dropdown menu.
- Available options:
  o Closed Dome: consider for mild-to-moderate hearing loss
  o Power Dome: consider for moderate-to-severe hearing loss
  o SlimTip (with various vent sizes): for the most severe hearing losses
    Note: The recommended SlimTip vent size is based on the entered audiogram and will be indicated with an asterisk (*).
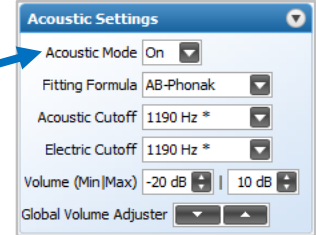

Save and Close the Acoustic Parameters
This step *must be completed* in order to access Acoustic Settings in the Program Window.

Create an Acoustic Earhook Program

Create a Baseline Program

- In the Program Tab, select **New Right** or **New Left**, or copy an existing program.
- Set the stimulation strategy parameters and AutoSound Settings in the Action Pane.
- Set M-Levels using Live Speech, Speech Burst, or Tone Burst stimulation
  Note: M-Levels should be set at most comfortable (Level 6 on the Loudness Scale).
- Verify comfort of the baseline electric program using Live Speech stimulation.

Enable Acoustic Mode in Program

- Under Acoustic Settings, turn Acoustic Mode **On.**

Select the Fitting Formula

- Select the preferred fitting formula (AB-Phonak, NAL-RP, or DSL v.5).
  Note: The AB-Phonak fitting formula is designed to align the signal processing of acoustic and electric components.
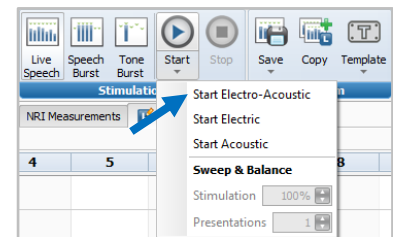
Verify the Acoustic and Electric Cutoffs

- Cutoffs will default to the point at which the recipient's threshold exceeds 70dB HL.
- Recommended acoustic and electric cutoffs will be indicated with an asterisk (*).

Verify the Volume Range for Acoustic Stimulation

Verify Sound Quality

- Select **Start Electro-Acoustic** to verify sound quality and comfort of the electro-acoustic program in Live Speech.
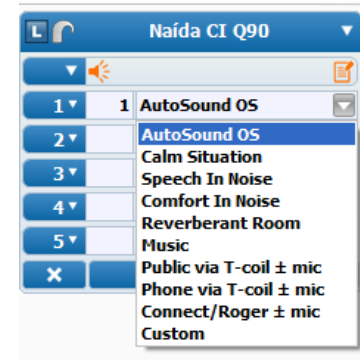- Select **Save and Close**.

Manage the Processor Pane and Download

Initialize Naída CI Q90 Sound Processor for Unilateral Use

Manage the Processor Pane

- Place the baseline program in slot 1
- Add program slots based on the recipient's unique listening needs, and apply a **program intention**

  Note: To add an Off Ear Use program or create any electric-only program, copy the baseline program and turn Acoustic Mode Off under Acoustic Settings

Download to Processor

- Select Download to save the programs and settings to the recipient's processor
  Note: Use the drop-down menu next to Download to Estimate Battery Life, if desired. Or, select Automatic Battery Estimates in Preferences to run automatically for every recipient.

Review Data Logs On Subsequent Visits

- Data Logs are automatically retrieved from a Naída CI processor if at least one day has passed since it was programmed
- To review Data Logs:
  - Open the Patient File
  - Connect the Naída CI processor and select the Data Logs Tab

If you require further support, please contact your local Advanced Bionics representative.