

TOOLS for SCHOOLS™  
Program



# The Naída CI Sound Processor

Name



# Advanced Bionics



 **PHONAK** | Partners for Better Hearing

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Speaker's Notes: AB is dedicated to helping people with hearing loss hear their best. Partnering with Phonak has allowed AB to offer unique technological advances to help people with hearing loss hear better in the most challenging listening situations.



# Tools for Schools

Today's presentation is just one of many valuable FREE resources provided by Advanced Bionics' Tools for Schools™ program (TFS™).

**The goal of the TFS program is to:**

- Help school aged children with cochlear implants succeed in the classroom.
- Ease your workload and save you time.
- Educate parents and professionals about CI technology.
- Provide support for effective teaming between the School, CI center and Home.

Visit [www.advancedbionics.com/tfs](http://www.advancedbionics.com/tfs) to learn more.

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## What you will learn today

- The Naída CI Sound Processor
- Processor Basics
- Steps for Everyday Use
- Indicators for System Checks and Troubleshooting
- Care and Maintenance
- Connectivity
- Advanced Technology



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Speaker's Notes: Today we are going to discuss the exciting ear level processor the Nadia CI and cover these topics.



**AB** The HiResolution™ Bionic Ear System

**Naida CI Sound Processor**  
The ultimate in behind-the-ear wearing

**Neptune™**  
Swimmable sound processor

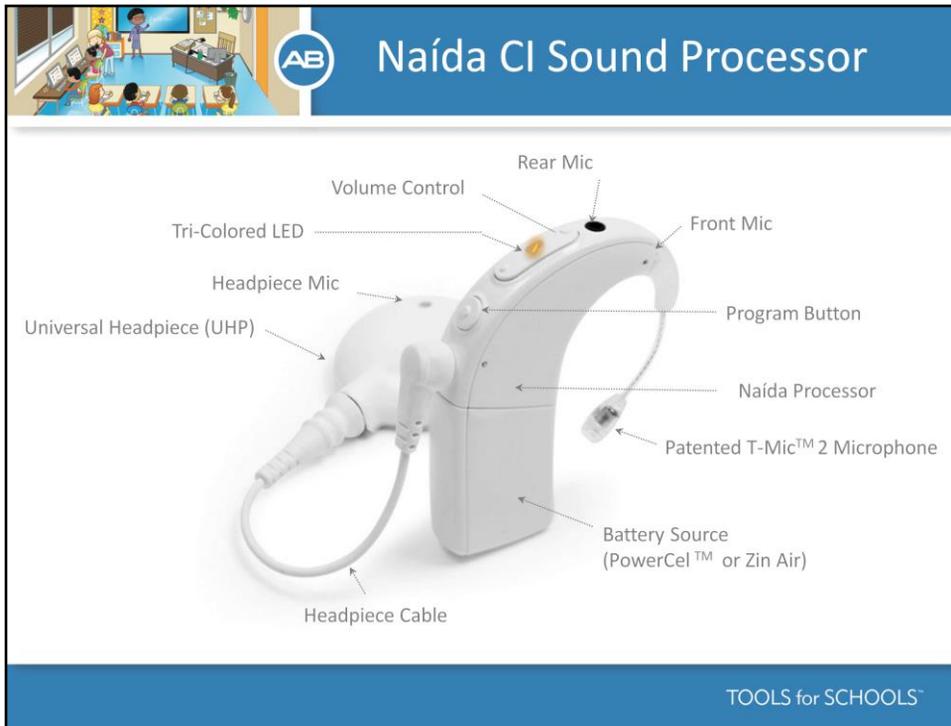
**HiRes 90K™ Advantage Implant**  
The world's most advanced technology

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The image displays three components of the HiResolution Bionic Ear System. On the left is the Naida CI Sound Processor, a white behind-the-ear device with a microphone boom. In the center is the HiRes 90K Advantage Implant, a circular, gold-colored device with a clear window. On the right is the Neptune Swimmable sound processor, a white, rectangular, waterproof device. The background is a light blue gradient.

Speaker's Notes: The Naida processor is one part of the entire HiResolution Bionic Ear System. The HiResolution Bionic Ear System includes the HiRes 90K Advantage Internal Implant that is surgically implanted and the external sound processors that are worn on the head or the body. AB offers two sound processors: The Naída CI or the freestyle™ waterproof processor, Neptune™.





Speaker's Notes: Let's start by reviewing the components of the Naída CI.

1. Here is the Naída Processor.
2. At the bottom of the processor is the power source. Here you see one of the Power Cel rechargeable batteries. You can also use a Zinc-Air cartridge that holds 2 high powered 675 cochlear implant disposable batteries.
3. Here you can see the Universal Headpiece (UHP) and the headpiece cable.
4. The round button located near where the UHP attaches to the processor is the Power Button.
5. The Volume Control is located directly above.
6. You can see here that the Naída's LED is located in the center of the volume control.
7. There are also several microphones on the Naída processor. The front and rear microphone as well as the T-Mic and headpiece mic.



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Speaker's Notes: Let's move on and discuss the Naida CI in more detail.



# Processor Basics

## Program Button

- Stores up to five (5) programs
- Push the program button down briefly and then release the button to change programs
- The number of GREEN blinks displayed on the LED indicates which program is in use
- The programs switch in a chronological order; once it reaches the final program, it will return back to the first program
- The program button can be disabled by the child's audiologist



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Speaker's Notes: Here you can see the Program Button. *Read Slide*

Note: If there are less than five programs stored, there is not any empty program slot. The programs will switch in a chronological order; once it reaches the final program, it will return back to the first program.



## AB MAKES IT SIMPLE FOR SCHOOLS!

### Did you know??

You do not need to change your student's programs for the different listening environments they encounter at school

Autosound™ processing **automatically** adapts to the changing listening environments at school, allowing children to hear every sound from whispers in the library to friends talking in the lunch room

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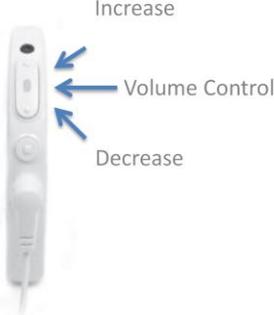
Speaker's Notes: Read slide



# Processor Basics

## Volume Control

- To increase the volume, briefly tap the top of the volume control. To decrease the volume briefly tap the bottom of the volume control.
- The audiologist has the ability to restrict or disable the volume range



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Speaker's Notes: Here you can see the volume control. To increase the volume gently push the top of the volume control. To decrease the volume gently push the bottom of the volume control.

Restricting or disabling the volume control prevents accidental changes in loudness (either too soft or too loud), which could compromise the child's hearing



## AB MAKES IT SIMPLE FOR SCHOOLS!

### Did you know??

The Naída CI will always default to program 1 at the child's standard volume setting when it is powered on.

If P1 with standard volume is the child's everyday program no setting changes are necessary to the Naída CI after the battery is attached!

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Speaker's Notes: read slide



# Processor Basics

## The Universal Headpiece (UHP) and Headpiece Cable

- Transmits power to the internal implant
- Contains a microphone which, when activated, picks up sound from the environment and transfers it to the Naída CI
- Covered by a Color Cap, which snaps securely in place
- Cables come in a variety of colors and lengths to suit all needs



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Speaker's Notes: Read slide.



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# Processor Basics

## Microphones

- The Naída CI has four microphones
- The audiologist can set each program to utilize the microphones in different configurations



*Check with the child's family or audiologist to determine which microphones are active in each program*

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Speaker's Notes: The Naida CI has 4 microphone options: Front, Rear, T-Mic 2, and the Headpiece Mic. Here you can see where they are located. The microphones can be used in different combinations in any given program depending on what the audiologist has chosen for that program. Check with the child's family or audiologist if you have questions about microphone usage and what microphones are active for a particular student.



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# Processor Basics

## Earhook Options

Standard Earhook



T-Mic™ 2 Earhook



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Speaker's Notes: There are 2 options for earhooks with the Naida CI. There is the standard earhook for retention on the ear which comes in a small and large size.

There is also the T-mic 2 earhook. This is a special earhook with a microphone at the bottom placed at the entrance to the ear canal. This strategic placement utilizes the outer ear's natural sound-gathering capabilities, just like normal-hearing ears. The result is better, more effortless hearing in noise. It also allows recipients to use cell phones, Bluetooth devices, headphones, and other battery-powered audio devices just like everyone else. AB is the only company to offer the patented T-Mic.



**AB**

# Processor Basics

## Power Options



- 4 rechargeable options**
  - 110 mini mAh
  - 170 mini mAh
  - 170 mAh (Can be used with Roger 17)
  - 230mAh
- 2 disposable options**
  - Zinc-Air battery – 2 high powered CI 675
  - AAA PowerPak – 3 AAA



110 mini mAh    170mini mAh    230mAh    Zn-Air battery Pak    AAA PowerPak

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Speaker's Notes: There are a variety of power options available for the Naída CI.

There are 4 rechargeable Powercel options. The 110 mini powercel is the smallest followed by the 170mini, and the 230. Note there is also a 170 standard size battery option that can be used with Phonak's Roger 17 receiver for wireless FM use.

There are 2 disposable battery options: The Zinc Air battery pak cartridge which is used with 2 675 high powered Zn-Air CI batteries or the AAA PowerPak which uses 3 AAA batteries. Note you can use rechargeable AAA batteries with the AAA PowerPak if you prefer.

How can you tell the difference between a rechargeable powercel and the Zinc Air battery pak cartridge? The rechargeable options have a flat bottom and the Zinc-air battery cartridge has a curved bottom.




# Processor Basics



Battery Type	Average (hours)	Range (hours)
2 Zinc-Air Cartridge	31	56
110 Mini PowerCel™	12	17
170 Mini PowerCel™	18	27
170 PowerCel™ with FM	12	16
230 PowerCel™	25	36
AAA PowerPak	129	183

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Speaker's Notes: These numbers reflect operating times using the HiResolution sound processing strategy with Optima.



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# Processor Basics

## Options for Wearing the Power Supply Off the Ear



Náida CI Power Adapter



Náida CI Clips



AAA PowerPak Accessory

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Speaker's Notes: The Naida CI can be worn with the power supply off the ear. This is great for children with small ears or active little ones. These are the different options for wearing the power supply off the ear. You can use the Naida Power-Cel Adapter, the Naida CI Clip, or the AAA Power Pak in combination with the Naida Power-Cel Adapter.



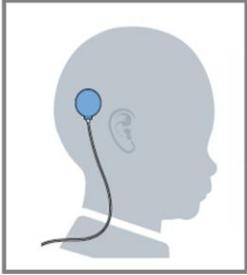
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# Processor Basics

## None on the Ear



Naida CI Clip



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For the NONE ON THE EAR option you will need to use the Naida CI clip and a long headpiece cable.

The Naida CI Clip comes in left and right configurations. The Naida CI Clip is intended to attach directly to clothing, hair or in the preferred wearing location. The Naida CI Clip fits all three sizes of PowerCel rechargeable batteries, as well as the Zn-Air Battery Pak. The clip also includes a silicon cover for added protection when the T-Mic 2/Earhook is detached.



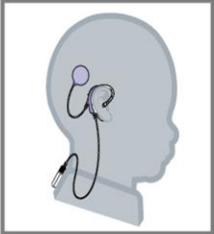
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# Processor Basics

## Some on the Ear



Naida CI Power Adapter



Power Adapter Cable  
Naida CI Power Adapter  
AAA PowerPak Accessory

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Speaker's Notes: Let's talk more about these flexible wearing options.

To use the SOME ON THE EAR option you will need the Naida Power-Cel Adapter.

You can connect either the AAA PowerPak or a Harmony PowerCel Plus battery to the Power-Cel Adapter with use of the Naida CI AAA PowerPak Adapter Cable. In this photo you see the PowerCel Adapter being used with the AAA Power Pak.



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Speaker's Notes: Now that we have learned about the basics of the Naida CI. Let's talk about the steps for everyday use.



## Steps for Everyday Use

1. Turn on processor
2. Confirm the UHP and headpiece cable are firmly connected to the Naída CI
3. Verify the correct program is selected
4. Verify the volume is on the proper setting
5. Place the Naída CI on the child in the child's preferred wearing style
6. Ensure the UHP is positioned over the internal implant
7. Perform a behavioral listening check

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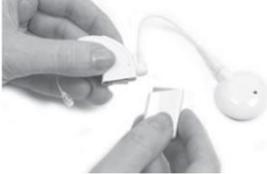
Speaker's Notes: Here are the steps for everyday use. *Read Slide.* We will talk about each step in more detail in the next several slides.



## Steps for Everyday Use

### Step 1: Turn on the Naída CI

- Turn on the Naída CI by sliding on a fully charged battery
- The LED will flash ORANGE to indicate battery status
- 3-4 ORANGE blinks indicates the battery is sufficiently charged to power the Naída CI
- The ORANGE blinks will be followed by 1 quick GREEN blink to indicate the Naída CI is in program 1
- To turn off the Naída CI remove the battery



Attach Battery



LED

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Speaker's Notes: The Naida CI is turned 'on' when a charged battery is attached to the processor. When the battery is engaged the orange LED located in the middle of the volume control will flash to indicate battery charge followed by the green LED to indicate program position. The Naida CI will always power on in Program 1 with the volume and sensitivity at the default settings. To power down the Naida CI, simply remove the battery cartridge.



**AB** Steps for Everyday Use

**Step 2: Confirm the UHP and headpiece cable are firmly connected to the Naída CI**

- Verify that the headpiece cable is firmly plugged into the UHP and Naída CI
- Check that the cable is not twisted or frayed



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Speaker's Notes: *Read Slide*



## AB Steps for Everyday Use

### Step 3: Verify the correct program is selected

- The Naída will always default to program 1 at the child's standard volume setting when it is powered on.
- If program 1 is the child's everyday program no further changes are necessary.
- If you would like to change programs, push the program button down briefly and then release the button
- The LED will display 1, 2, 3, 4, or 5 GREEN blinks depending on how many programs are stored in the Naída CI. The number of GREEN blinks displayed indicates which program is in use

Program Button



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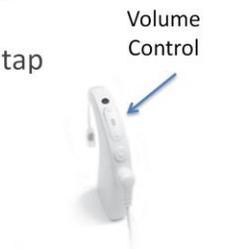
Speaker's Notes: Next, verify the correct program is selected. *Read Slide.*



## Steps for Everyday Use

### Step 4: Verify the volume is on the proper setting

- The Naída CI will always default to program 1 with the volume set at the child's standard volume setting when it is powered on.
- If the child is using their standard volume setting no changes to the volume are necessary.
- If you would like to increase the volume, briefly tap the top of the volume control. To decrease the volume, briefly tap the bottom of the volume control.



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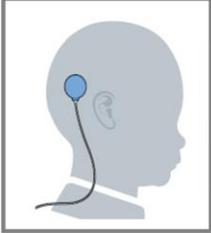
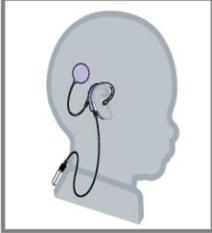
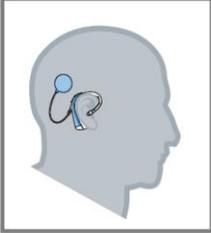
Speaker's Notes: *Read Slide*



**AB** Steps for Everyday Use

**Step 5: Ensure the Naída CI is securely fastened in the child’s preferred wearing style**

All on the ear      Some on the ear      None on the ear



**Step 6: Place the UHP over the internal implant**  
You will feel a magnetic attraction

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Speaker’s Notes: Attach the processor to the child in the preferred wearing configuration— All on the ear, some on the ear, or none on the ear. Then attach the UHP to the child’s head. You will feel a magnetic pull.



# Steps for Everyday Use

**Step 7: Perform a behavioral listening check, using the Ling Six sound check or another listening activity.**

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### THE LING SIX Sound Check

**What is the Ling Six Sound Check?**

The Ling Six Sound Check is a simple, quick, and effective way to check a child's hearing. It is a behavioral listening check that uses six sounds to assess a child's ability to hear and understand speech. The sounds are: /m/, /n/, /p/, /t/, /k/, and /g/. The child is asked to identify each sound, and the results are recorded on a form.

Child's Name	Date	Age	Sex

**How to Complete the Ling Six Sound Check?**

1. Sit the child in a quiet room with the Ling Six Sound Check form in front of them.
2. Explain to the child that you are going to play some sounds and they need to tell you what they hear.
3. Play the sounds one at a time, starting with /m/ and ending with /g/.
4. Ask the child to tell you what they hear. If they cannot hear a sound, play it again.
5. Record the results on the form.
6. If the child cannot hear any of the sounds, they may have a hearing problem. Tell the parent and the teacher.
7. If the child can hear all the sounds, they may not have a hearing problem. Tell the parent and the teacher.



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Speaker's Notes: Once the Naida CI is set and placed on the child, you should always perform a behavioral listening check.



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## AB MAKES IT SIMPLE FOR SCHOOLS!

### Did you know??

AB makes it Simple for Schools by providing FREE and easy downloadable instructions and pictures to conduct a Ling 6 Sound assessment.

Visit [AdvancedBionics.com/tfs](http://AdvancedBionics.com/tfs) and click on Tools for Using the Ling 6 Sounds under Educational Support



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Speaker's Notes: read slide



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## What you will learn today

- The Naída CI Processor
- Processor Basics
- Steps for Everyday Use
- **Indicators for System Checks and Troubleshooting**
- Care and Maintenance
- Connectivity
- Advanced Technology



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Speaker's Notes: Let's move on and discuss the indicators and system checks that assist with troubleshooting

An illustration of a classroom with a teacher at the front and several students at their desks. A blue circle with the letters 'AB' is overlaid on the illustration.

## Indicators for System Checks and Troubleshooting

### Indicators for Naída CI

- Tri-Color LED
- Internal Alarms
- Intellilink™ Safety Feature
- Listening Check™ Accessory
- AB myPilot Accessory
- Data logging

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The Naída CI has diagnostic indicators to assist with completing system checks and troubleshooting. Let's review each of these in more detail.



## Indicators for System Checks and Troubleshooting

### Tri-Color LED

FEATURE	COLOR
Battery Status	Orange
Microphone Status	Green
Program Position	Green
CI Status	Red



LED

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Speaker's Notes: The Naída CI LEDs provide important information about Naída CI battery life, program position, audio input, and Naída CI error conditions. The LED indications are grouped by color: orange for battery status, green for microphone and program position, and red for CI status.

The LED sequence is very similar to the LED sequence that is used in the Harmony Processor. There are a few new LED indicators available with the Naida.



## Indicators for System Checks and Troubleshooting

ORANGE BEHAVIOR	BATTERY STATUS
Blinks at start up	<ul style="list-style-type: none"> <li>• 4 quick blinks battery is fully charged</li> <li>• 2-3 indicates that the battery is sufficiently charged to power the Naída CI</li> <li>• 1 quick blink indicates the battery is nearly depleted</li> <li>• No blinking indicates depleted battery</li> </ul>
Solid	The battery is almost depleted
Blinks twice every 3 seconds	The battery is almost depleted and cannot support stimulation
Fades Out	The Naída CI is entering Standby Mode

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Speaker's Notes: The Orange LED indicates battery information. As we have discussed the orange LED blinks at startup to indicate if the battery is sufficiently charged to power the processor. 4= fully charged  
 2- 3= charge is sufficient 1= nearly depleted 0=fully depleted.

If you see a solid orange light the battery in use is almost depleted.

If the orange LED blinks twice every 3 seconds the battery can no longer support stimulation.

Finally, a new feature, if the orange light fades out the Naida is entering standby mode. Standby mode allows the PowerCel or Zn-Air Battery Pak to remain attached to the processor without causing a major drain on battery life. Most children will not use this feature.



## Indicators for System Checks and Troubleshooting

GREEN BEHAVIOR	MICROPHONE/PROGRAM POSITION
Flickers in response to loud input	The sound processor and microphone are responding to sound
Blinks at start-up after battery status and upon program change	<ul style="list-style-type: none"> <li>• 1 blink indicates program one</li> <li>• 2 blinks indicates program two</li> <li>• 3 blinks indicates program three</li> <li>• 4 blinks indicates program four</li> <li>• 5 blinks indicates program five</li> </ul>
Solid	A processor that is not yet programmed
Blinks 4 Times	Response to the AB myPilot request to "Find Paired Devices". The Left paired device will identify itself with this LED pattern.

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Speaker's Notes: The green LED indicates microphone status and program position.

The green LED indicates the microphones are functioning properly when it flickers in response to loud sounds. This is a programmable feature so it may not be active in a child's processor. You will need to contact the child's parents or audiologist to determine if this feature is active.

The green LED also will indicate which program is active by the number of blinks it displays either after the orange battery status sequence or upon changing a program.

A solid green LED indicates the processor has not been programmed.

Finally, a new feature, four green blinks indicates a response to the AB myPilot request to "Find Paired Devices." The Left paired device will identify itself with this LED pattern.



## Indicators for System Checks and Troubleshooting

RED BEHAVIOR	CI STATUS
Blinks once per second	Loss of lock with the implant.
Blinks rapidly (more than once per second)	Intellink™ is enabled and the Naída CI is connected to the wrong implant
Solid	Sound Processor Error Condition. Fully remove and re-insert the battery to reset processor
Blinks 5 Times	Response to AB myPilot request to “Find Paired Devices”. The Right paired device will identify itself with this LED pattern

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Speaker’s Notes: The red LED indicates CI status.

One red blink per second indicates loss of lock with implant. Confirm the headpiece is attached to the child’s head or verify the UHP cable is intact and firmly attached to the processor and headpiece.

Rapid red blinks indicate the Naida is connected to the wrong internal implant. If the child is a bilateral user switch to the child’s other processor. If the child is not a bilateral user, consider if the child may have swapped Naida’s with another child.

A solid red LED indicates an error condition.

Finally, a new feature, 5 red blinks indicates a response to the AB myPilot request to “Find Paired Devices.” The Right paired device will identify itself with this LED pattern.



AB

## Indicators for System Checks and Troubleshooting

### Internal Alarms

ALARM	INDICATION
Beeps upon program change	1 beep indicates program 1 2 beeps indicates program 2 3 beeps indicates program 3 4 beeps indicates program 4 5 beeps indicates program 5
Short beep upon increase or decrease of volume	Beeps once per press of the volume control either up or down (a double beep will be heard when the following settings are reached: top of volume range; baseline setting; bottom of volume range)
Long beep once every 15 minutes	Low Battery

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Speaker's Notes: Like LEDs, Internal alarms provide important information. The internal alarm is only audible to the person using the Naida CI. They are a discreet way for adults and older children to get information about battery status, program number, and volume level. You can see here what the different internal alarms indicate.



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## Indicators for System Checks and Troubleshooting

### Intellilink™

- Safety Feature
- Ensures the Naida CI only stimulates the correct internal device
- Prevents accidental stimulation from a wrong ear processor for a bilateral user or processor that belongs to another child
- The Naída CI LED will blink **RED** rapidly (more than once per second) to indicate it is connected to the wrong internal device

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As we briefly discussed earlier, Intellilink is a safety feature that ensures the Naida CI only stimulates the correct internal device. *Read Slide*



## Indicators for System Checks and Troubleshooting

### Listening Check™

- Verifies the Naída CI sound sources are working properly when children are unable to provide this feedback themselves
- Any sound source that is programmed for use with the child's Naída CI can be verified
- Sound Sources can include,
  - 4 Naída CI microphones
  - Wireless (via ComPilot)
  - FM/Roger™
  - TCoil



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Speaker's Notes: Completing a Listening Check of the Naída CI may be necessary to complete troubleshooting. The Naída CI Listening Check is a special attachment that allows you to listen to and verify the clarity of the microphones or other sound sources programmed for use with the Naída CI. The Module itself does not have a power source as it relies solely on power from the Naída CI power sources.



To view a video on how to use the Listening Check copy this link into your browser

[https://www.youtube.com/watch?v=74Qv\\_6dijxo&feature=youtu.be&list=PLo1a43uJmTy1YuYTDV90BXC5WAZI9OIw](https://www.youtube.com/watch?v=74Qv_6dijxo&feature=youtu.be&list=PLo1a43uJmTy1YuYTDV90BXC5WAZI9OIw)

Or visit YouTube and search for “Naida Listening Check”



## Indicators for System Checks and Troubleshooting

### AB myPilot Accessory

- Easy to use remote control
- One touch changes to program, volume, and sensitivity changes
- Provides Device Status Check and Battery Status Check information
- Can be used to complete a listening check in combination with the Listening Check Accessory



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Speaker's Notes: read slide



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## Indicators for Status Check and Troubleshooting

### Data logging

- Allows the audiologist to see data about how the Naída CI is being used on a daily basis
- The Audiologist can use this information to make programming changes to help the child maximize use of their device
- Can obtain information about
  - What programs and features are being used
  - What volume setting is being used
  - The different listening environments the child encounters throughout the day

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Speaker's Notes: The Naida CI will log data that the audiologist can review to assist with programming or troubleshooting. Read Slide



## AB MAKES IT SIMPLE FOR SCHOOLS!

### Did you know??

AB recommends you obtain the following information from the child's audiologist to effectively manage your student's equipment in the classroom:

1. What program should be used for everyday listening?
2. What program should be used for FM/Roger™ or T-Coil use?

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Speaker's Notes: Read Slide



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Speaker's Notes: Let's move on talk about how to care for the device.



**AB** Care and Maintenance

### Preventative Maintenance Tips

- Store extra equipment in a Zephyr Dry & Store®.
- Run equipment through one drying cycle (8hrs) nightly.
- If a Zephyr Dry & Store® is not available, keep extra equipment in the Naída CI case.
- If you do not have the case you can use another sealed container or a Ziploc bag.
- To keep battery contacts from accumulating debris attach Naída CI PowerCel battery covers to the PowerCel batteries when they are not in use.
- The covers can be ordered from Customer Service at 877-829-0026 (US and Canada).



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#### Speaker's Notes:

I wanted to be sure to discuss some care and maintenance tips with you today. The following recommendations are best practices for keeping your student's equipment working properly.

Store any extra equipment that is kept at school, including batteries, in a Zephyr Dry and Store overnight. A Zephyr Dry & Store is an electrical appliance that utilizes warm, moving air and a desiccant, to keep equipment dry. If you do not have a Dry and Store be sure to keep any extra equipment in a sealed container or even a Ziploc bag. Also, use PowerCel battery covers when batteries are not in use. These can be ordered from Advanced Bionics.



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TOOLS for SCHOOLS™

Speaker's Notes: Let's move on and briefly discuss connectivity with the Naida. Today's presentation is meant to give an overview of the options. More detailed information on connectivity can be found in on our website.



# Connectivity

## Connectivity Options

- T-Mic 2™
- FM/Roger™
- ComPilot
- T-Coil



TOOLS for SCHOOLS™

Speaker's Notes: The Naida CI can connect with additional sound sources in 4 ways:  
Read Slide.



AB

## Connectivity

### Natural Connectivity with the T-Mic 2™

- Natural placement for headset, ear buds, or cell phones
- Access to commercially available audio devices



TOOLS for SCHOOLS™

Speaker's Notes: As we discussed earlier, the T-Mic is a special microphone that places the microphone at the entrance to the ear canal. It also allows recipients to use cell phones, Bluetooth devices, MP3 players, and other battery-powered audio devices just like everyone else— by holding the device up to the ear. AB is the only company to offer the patented T-Mic.



AB

# Connectivity

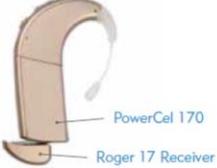
## Wireless FM/Roger™

Phonak ComPilot



Can be used with Phonak's Roger X receiver

170 mAH battery



Can be used with Phonak's Roger 17 receiver

Roger 17 is compatible with the PowerCel 170. It can not be used with the PowerCel mini 170.

TOOLS for SCHOOLS™

Speaker's Notes: An FM/Roger system is commonly used in many classrooms as it improves the signal to noise ratio in difficult listening environments. An FM/Roger system uses a receiver and transmitter (microphone) to overcome noise and distance.

An FM/Roger system can wirelessly connect with the Naida through Phonak's ComPilot or the 170 PowerCel. Note the PowerCel mini 170 is NOT compatible with Roger 17. You must use the standard PowerCel 170.



AB

## Connectivity

### ComPilot

Stream Audio	Stream Roger™	Stream Bluetooth Phone	Stream TV	Stream Speech
				

TOOLS for SCHOOLS™

Speaker's Notes: Connectivity to various devices can be achieved through the versatile ComPilot. To learn more about the ComPilot contact Phonak at [www.phonak.com](http://www.phonak.com).



AB

# Connectivity

## T-Coil

- Wireless connectivity to looped rooms or devices with electromagnetic energy
- The T-coil can be enabled in a particular program by the child's audiologist
- Can be used for wireless access to FM or Roger™ in conjunction with the MyLink+ or Roger™ MyLink
- Access to bilateral/bimodal FM/Roger™



MyLink

TOOLS for SCHOOLS™

Speaker's Notes: The Naida's T-Coil allows for wireless connectivity to looped rooms or devices with electromagnetic energy. The T-Coil is enabled through a program setting by the child's audiologist. You will need to check with the child's parents or audiologist to determine if a T-Coil program is available.



## AB MAKES IT SIMPLE FOR SCHOOLS!

### Did you know??

Most audiologists enable Audio-Mixing for FM/Roger™ and T-Coil programs.

Audio-Mixing ensures children can hear and monitor their own voices as well as sounds around them when utilizing auxiliary devices

TOOLS for SCHOOLS™

Speaker's Notes: Read Slide



## Review of Child Friendly Features



### Naída CI

- Light-emitting diode (LED) indicators
- Tamper proof to protect children from swallowing small parts
- Intellilink
- Ability to disable /limit volume and program settings to avoid accidental changes
- Flexible wearing options
- Waterproof with use of Aqua Case and AquaMic
- Simple wireless connectivity to computers, tablets, Roger/FM, and other electronics
- Full day of hearing with one battery
- The Naída CI does not need to be labeled as right and left side for children bilaterally implanted. The processor can detect which ear it is worn on automatically and provide access to the appropriate programs for that ear.

TOOLS for SCHOOLS™

Speaker's Notes: The Naida provides many features that are important for pediatrics. Read Slide.



AB

## What you will learn today

- The Naída CI Processor
- Processor Basics
- Steps for Everyday Use
- Indicators for Status Checks and Troubleshooting
- Care and Maintenance
- Connectivity
- **Advanced Technology**



TOOLS for SCHOOLS™

Speaker's Notes: Finally lets end on a very exciting topic! The Advanced Technology that helps each child maximize his or her success with a cochlear implant.



**AB** Advanced Phonak Technology

**Features for Improved Hearing in Noise**

- Ultrazoom
- Zoom Control
- StereoZoom
- Duophone

**Features for Comfort and Ease of Use**

- Windblock
- Echoblock
- Sound Relax
- QuickSync

TOOLS for SCHOOLS™

Speaker's Notes: AB's partnering with Phonak has enabled us to offer some amazing technology features that help children with the Naida CI hear better at home and in the classroom. I will provide a brief overview of each one. Please note that these features are programmed by the child's audiologist and are dependent on the child's age and ability to use their processor independently.



## UltraZoom Feature

Focused listening on a small group of voices in front for improved communication in noisy environments.



TOOLS for SCHOOLS™

Speaker's Notes: UltraZoom zooms in on voices of people facing recipient, while noise from the side and back is reduced. It is ideal for use in the classroom when the main speaker is in front.



AB Advanced Phonak Technology Features

## Zoom Control Feature

Focused listening on a speaker to the front-back or right-left for improved communication in noisy environments.



TOOLS for SCHOOLS™

Speaker's Notes: ZoomControl focuses on the speaker to the front, back, or left or the right when the listener cannot face them, such as when driving in a car. In the example pictured here the CI user is driving and thus focusing on the speaker to her right. Sounds coming into the CI users left implant will be audible but dampened so the CI user can focus on the voice coming into her right implant.



## Stereo Zoom Feature

Extracts a single voice from a noisy crowd so one-on-one conversation requires less effort.

TOOLS for SCHOOLS™

Read slide.



AB Advanced Phonak Technology Features

## Duophone Feature

Automatically streams phone calls to both ears simultaneously for stereo hearing and easier conversations in noise.



TOOLS for SCHOOLS™

Speaker's Notes: DuoPhone is a unique feature that allows bilateral Naída recipients the ability to hear phone conversations in both ears simultaneously. By placing the phone to one ear, the conversation is automatically streamed to the other ear as well, giving the listener the best possible listening experience.



## WindBlock Feature

Reduces wind noise to improve comfort and ease of listening in windy conditions.

TOOLS for SCHOOLS™

Read Slide



## EchoBlock Feature

Improves comfort and ease of listening in places that echo, such as large assembly halls.

TOOLS for SCHOOLS™

Read Slide



## SoundRelax Feature

Softens sudden loud sounds, such as slamming doors or clanging dishes.

TOOLS for SCHOOLS™

Read Slide



AB Advanced Phonak Technology Features

## QuickSync Feature

Provides one-touch control of the child's processors for easy simultaneous adjustments to volume and program settings on both ears.



TOOLS for SCHOOLS™

Speaker's Notes: QuickSync allows for easy, instant adjustments to volume and program settings on two Naída CI sound processors . It gives bilateral wearers the ability to control both cochlear implants/sound processors with just one touch.





# Tools for Toddlers™ Program

Do you know about Advanced Bionics' Tools for Toddlers program (TFT™)?

TFT provides free resources created specifically to help support early intervention and pre-school aged children.



Visit the Tools for Toddlers Program at

[www.advancedbionics.com/tfs](http://www.advancedbionics.com/tfs)

TFT resources can be found on the lower section of the TFS page



**LITERACY STRATEGIES for the Very Young Child**

*When you begin reading to your child, you are helping the child learn to read. The best way to help your child learn to read is to read to them every day. Reading to your child helps them learn to love books and to learn the sounds of letters and words. Reading to your child also helps them learn to understand what they are reading. Reading to your child is the best way to help them learn to read.*

Strategies for the Parent/Teacher		Strategies for the Child	
1. Read to your child every day.	2. Read to your child in a quiet place.	1. Listen to you read.	2. Look at the pictures.
3. Use a variety of books.	4. Use a variety of voices.	3. Point to the words.	4. Turn the pages.
5. Use a variety of books.	6. Use a variety of voices.	5. Listen to you read.	6. Look at the pictures.
7. Use a variety of books.	8. Use a variety of voices.	7. Point to the words.	8. Turn the pages.
9. Use a variety of books.	10. Use a variety of voices.	9. Listen to you read.	10. Look at the pictures.
11. Use a variety of books.	12. Use a variety of voices.	11. Point to the words.	12. Turn the pages.
13. Use a variety of books.	14. Use a variety of voices.	13. Listen to you read.	14. Look at the pictures.
15. Use a variety of books.	16. Use a variety of voices.	15. Point to the words.	16. Turn the pages.



**Solving COMMUNICATION OPTIONS**

*When you begin reading to your child, you are helping the child learn to read. The best way to help your child learn to read is to read to them every day. Reading to your child helps them learn to love books and to learn the sounds of letters and words. Reading to your child also helps them learn to understand what they are reading. Reading to your child is the best way to help them learn to read.*

**Communication Options:**

- 1. Use a variety of communication options.
- 2. Use a variety of communication options.
- 3. Use a variety of communication options.
- 4. Use a variety of communication options.
- 5. Use a variety of communication options.
- 6. Use a variety of communication options.
- 7. Use a variety of communication options.
- 8. Use a variety of communication options.
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- 10. Use a variety of communication options.
- 11. Use a variety of communication options.
- 12. Use a variety of communication options.
- 13. Use a variety of communication options.
- 14. Use a variety of communication options.
- 15. Use a variety of communication options.
- 16. Use a variety of communication options.
- 17. Use a variety of communication options.
- 18. Use a variety of communication options.
- 19. Use a variety of communication options.
- 20. Use a variety of communication options.

TOOLS for SCHOOLS™



## AB Makes It Simple for Schools

**Additional FREE Resources**

- [www.hearingjourney.com](http://www.hearingjourney.com)
- [www.thelisteningroom.com](http://www.thelisteningroom.com)
- [www.advancedbionics.com/bea](http://www.advancedbionics.com/bea)
- [www.advancedbionics.com](http://www.advancedbionics.com)
  - Take free courses
  - Learn about products
  - Watch videos
  - Download materials and resources
  - Connect with others









TOOLS for SCHOOLS™

Speakers Notes: Advanced Bionics has several other resources and programs to assist you.

HearingJourney.com is an online forum for people to chat, laugh, and share stories about cochlear implants and hearing loss.

The Listening Room is a rehabilitation site where you will find a host of free, fun activities and resources to support the development of speech, language, and listening skills in people of all ages with a hearing loss.

The BEA is a community of recipients, candidates and professionals who connect to promote the benefits and optimal use of cochlear implants and Advanced Bionics technology.

And you can always visit [www.advancedbionics.com](http://www.advancedbionics.com) for materials, resources, and information.

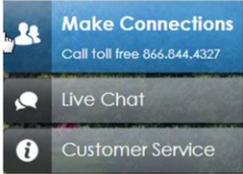


# Resources & Support

## For Educators, Therapists, Recipients, and Families

**Online:**  
**Live Chat:** [AdvancedBionics.com](http://AdvancedBionics.com)

**Customer Care:**  
**Speak with an audiologist:**  
Toll Free Phone: 1-877-829-0026  
TTY: 1-800-678-3575  
**Email Questions:**  
[CustomerService@AdvancedBionics.com](mailto:CustomerService@AdvancedBionics.com)  
[ToolsForSchools@AdvancedBionics.com](mailto:ToolsForSchools@AdvancedBionics.com)  
Monday through Friday, 5 am to 5 pm PST



TOOLS for SCHOOLS™

Speakers Notes: Finally support is always available. Discover resources and support services online or by phone.