

COCHLEAR™ NUCLEUS® 6

UPGRADE FOR NUCLEUS CI24RE, CI422 AND CI500 SERIES IMPLANTS

UPGRADING FROM NUCLEUS FREEDOM® AND NUCLEUS 5 SOUND PROCESSORS

In keeping with our commitment to lifelong improvements for our implant family, Cochlear is pleased to offer the Nucleus 6 Sound Processor Upgrade to our Nucleus CI24RE, CI422, and CI500 Series Implant recipients. The Nucleus 6 Sound Processor Upgrade offers a new hearing experience with an all-new microchip designed for innovations today and in the future. This chip builds upon our established SmartSound® 2 Technology to provide superior programming flexibility and patient performance.

1. CONVERT

1. OPEN Current Nucleus Freedom or Nucleus 5 MAP
2. Depending on when the patient was last seen it may be recommended to check the MAP prior to conversion.
3. SELECT "CONVERT MAP"
4. ADD summary to "Session Notes" to notate which MAP number was converted.

TIP: you will need to click on the map to find the "convert" option. You can do so by right-clicking on the map from the "open or create map" section.

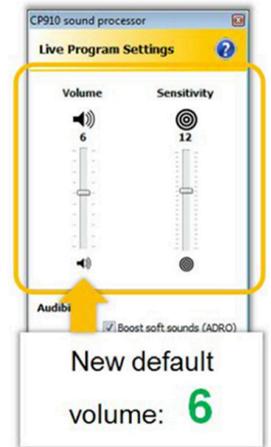
TIP: Another way to add the session notes, select "Title/Notes" button on the set levels screen.

Convert MAP	CP810 sound processor -> CP900 Series sound processor
Upgrade MAP	CP810 sound processor -> Freedom sound processor
Archive	CP810 sound processor -> ESPrit 3G

Convert Information:
IIDR stays the same
Maxima stays the same

2. OPTIMIZE SOUND QUALITY

When converting within Custom Sound® 4.0 the default volume level has changed to 6 for the CP800 and CP900 Series Nucleus Sound Processors. It is important to discuss with the recipient the volume level typically used and also record where the volume level was prior to conversion. If the recipient is at a volume other than 6, then set the volume to that used in the original program.



3. CHECKING THE MAP/ GOING LIVE

THRESHOLDS: Counting procedure recommended

C-LEVELS: Set to "Comfortably Loud"

SWEEP: C-Levels to Balance*

OPTIMIZE: Optimize power

*particularly important if C-levels have changed

4. OPTIMIZE BATTERY SUITABILITY

Ensure that the disposable battery module option works for the recipient.

TIP: if you are unsure how to perform a step in Custom Sound, use the help feature. Simply go to the "help" tab.

5. WRITE TO SOUND PROCESSOR

SmartSound Recommendations:

P1: ASC +ADRO

P2: Zoom + ASC +ADRO

P3: Beam + ASC + ADRO

P4: Whisper + ADRO



TIP: You can customize the remote assistant icons for each of the four programs.

TIP: Consider the features that your patient had previously and counsel accordingly. Remember, if a patient hasn't had ADRO or ASC in the past, the patient will notice a difference in sound perception.



Scene Icons



Program Number

PRACTICAL CONSIDERATIONS

- Print recipient summary
- Determine the recipient's preference for telecoil and accessories use
 - Adjust mixing ratio to recipient preferences
 - Demonstrate how to use telecoil and connect accessories
 - Instruct on best phone position
- Adjust remote assistant settings
 - Defaults to "Allow Volume Control" and not "Allow Sensitivity Control"
 - If the recipient uses the remote control option, select either the volume or sensitivity for the Loudness Control Preference
- Auto-FM is a setting automatically added onto the program
 - When Auto-FM is activated, the IIDR does not change
 - However, when the telecoil is activated the IIDR is reduced to 30 dB
- Demonstrate connecting the battery modules
 - Auto-On when connecting the battery module
 - Auto-Off when the sound processor is disconnected from the implant for more than 2 minutes
- Demonstrate sound processor controls
 - On/Off, Change Program
 - Accessory and Telecoil
 - Sensitivity and Volume
- Highlight the SmartSound® Program locations, icons, and environment descriptions
- Educate on sound processor care and maintenance
- Change microphone protector once every 3 months, or sooner if it becomes dirty or the sound quality deteriorates
- Use of Breeze or Zephyr by Dry & Store® daily

RESOURCES

- Nucleus Support App: Simply search for "Nucleus Support App" in the Apple App Store or Google Play for a free download
- Online Support Center: www.Cochlear.com/US/Support

