

Nucleus[®] Smart App

for Android[™]

P1285539 Version 3.0

User Guide for Kanso[®] 2 Sound Processor



Hear now. And always



Get started!

Nucleus Smart App is intended to allow you to make adjustments to your sound processor (such as changing volume or programs, and selecting audio sources), and to monitor battery levels and receive alerts for sound processor issues.

Step		Page
1	Download the Nucleus® Smart App on Google Play™ to your Android smartphone*	-
2	Run the Nucleus Smart App	3
3	Log in to your Cochlear account	-
4	Pair your sound processor(s) to the app Refer to the <i>Kanso 2 Sound Processor Pairing Guide for Android</i>	-
5	Start using the app!	4

* The Cochlear Nucleus Smart App is available on App Store and Google Play. For compatibility information visit www.cochlear.com/compatibility.

Pairing basics

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For more information, refer to the *Kanso 2 Sound Processor User Guide*.

Visit us online for tips, how-to videos and more:

www.cochlear.com/

Pair your processor(s)

You need to pair your sound processor(s) to the app, before you can use the app's communication and control features.



WARNING

Consider security when connecting your sound processor to devices such as smartphones. Only connect to devices that are protected, e.g. password or PIN access control. Do not connect to devices that have had their operating system altered.

Refer to the *Kanso 2 Sound Processor Pairing Guide for Android* for step-by-step instructions.

Unpair your processor(s)

If you change your sound processor(s), for example if you receive a new sound processor from the repair centre, you need to:

- First **Unpair** the old sound processor(s),
- Then **Pair** the new sound processor(s).

Refer to the *Kanso 2 Sound Processor Pairing Guide for Android* for step-by-step instructions.

Run the Nucleus Smart App

1. Tap the **Nucleus Smart** icon to start the app.



2. **Log in to the app.** The first time you run the app, you will need to log in using your Cochlear account.
3. **Pair your sound processor(s) to the app.**
Refer to the *Kanso 2 Sound Processor Pairing Guide for Android* for step-by-step instructions.
4. Follow the on-screen instructions to finish setting up the app.

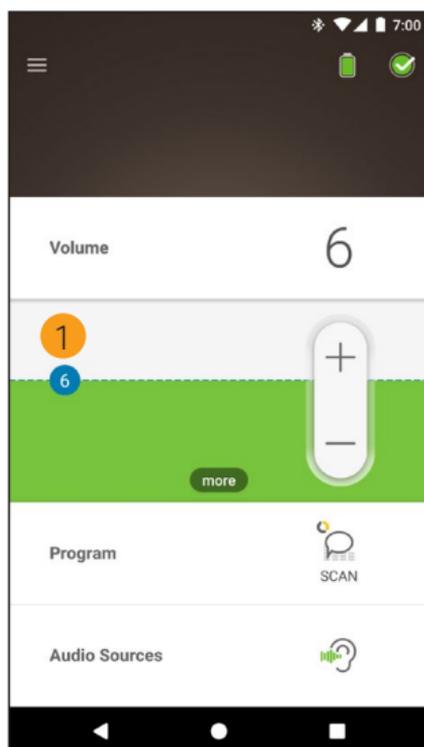
The home screen



- 1 Sound processor battery level
- 2 Sound processor status
- 3 Control panel (closed)
- 4 Control panel (open)
- 5 Setting name
- 6 Setting current value
- 7 Setting controls
8. Back button

Control one or two processor(s)

You will see a green bar and one control if you only have one paired sound processor.

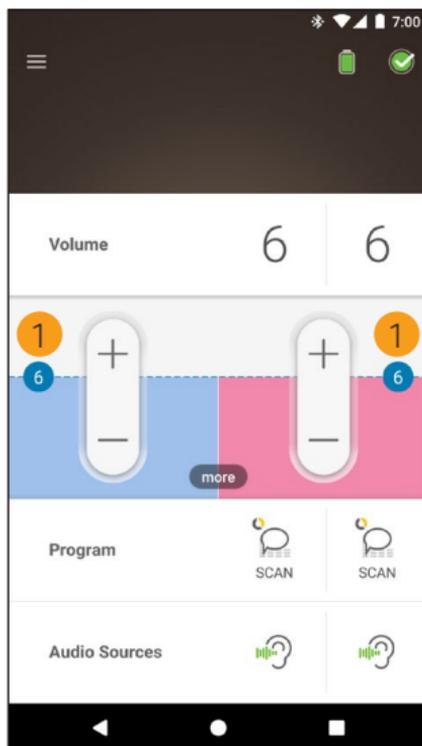


- 1 Default value (set by clinician). May be different for each program, and for different sound processors.

If you have **two paired sound processors** you can control them together (one control button) or separately (two buttons, as shown here):

- Left side controls are blue
- Right side controls are red.

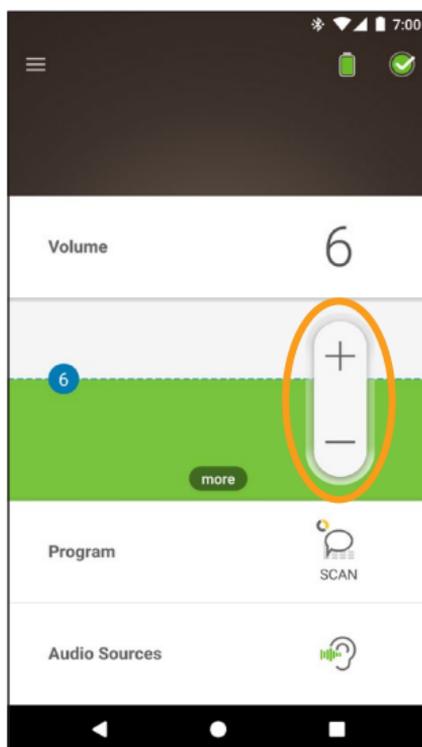
Change this using the *Settings menu* (see page 21).



- 1 Default value (set by clinician). May be different for each program, and for different sound processors.

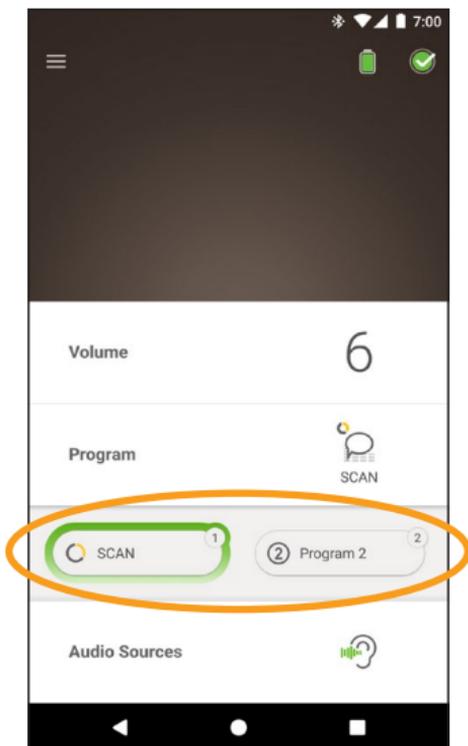
Adjust volume

1. Tap **Volume** to open its control panel.
2. Tap **+ / -** to change volume.



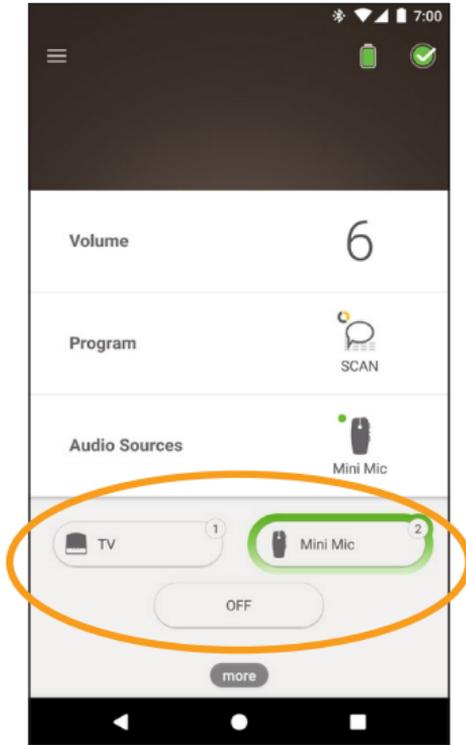
Change program

1. Tap **Program** to open its control panel.
2. Tap the icon for the program you want to use.



Stream audio

1. Tap **Audio Sources** to open its control panel.
2. Tap the **icon** for the audio source you want to use.



TIP

Tap **Off** to stop streaming audio and return to the previous program.

Adjust streamed audio

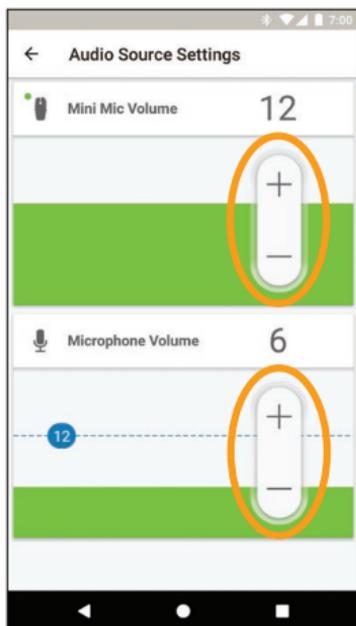
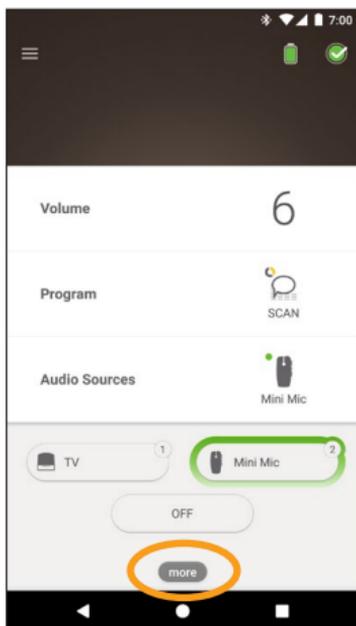
You can separately change the volume of the streamed audio and sound from your processor microphones.



NOTE

Audio Source Settings return to the default setting when you turn your sound processor off.

1. Start streaming from an Audio Source.
2. Tap **more** to open the **Audio Source Settings** control panel.
3. Tap **+ / -** to change settings.



4. Tap the Back button to close the **Audio Source Settings** control panel.

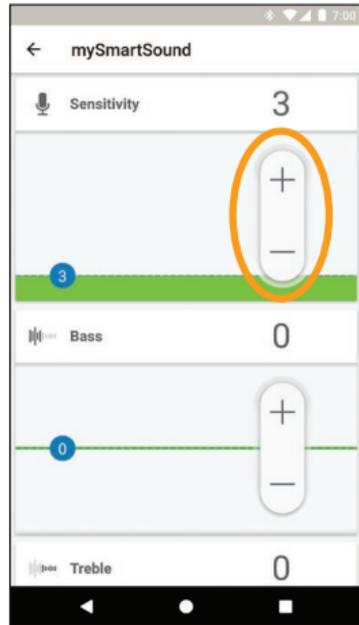
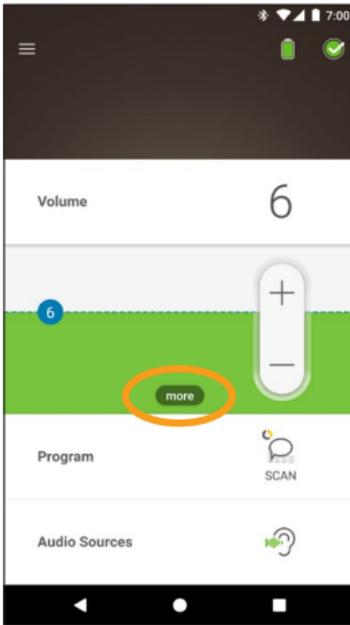
Adjust sensitivity



NOTE

- Sensitivity is only available if enabled by your clinician.
- Sensitivity returns to the default setting when you turn your sound processor off.

1. Tap **Volume** to open its control panel.
2. Tap **more** to open the **mySmartSound** control panel.
3. Tap **+ / -** to change sensitivity.



4. Tap the Back button to close the **mySmartSound** control panel.

Adjust bass and treble



NOTE

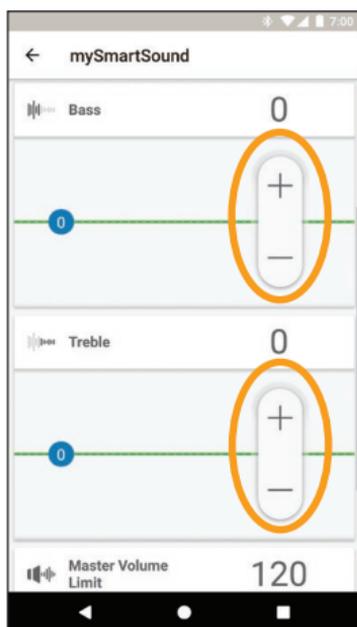
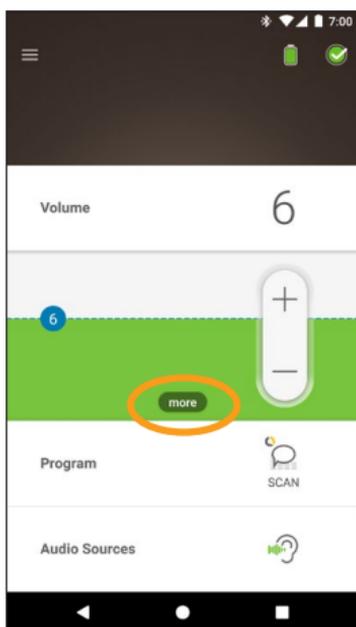
Bass and treble are only available if enabled by your clinician.



WARNING

Only adjust this when you can hear sounds or speech. Increasing bass or treble may cause loud sounds or discomfort at high levels. If this occurs, remove the processor/coil immediately and decrease the bass or treble before replacing.

1. Tap **Volume** to open its control panel.
2. Tap **more** to open the **mySmartSound** control panel.
3. Tap **+ / -** to change bass or treble.



4. Tap the Back button to close the **mySmartSound** control panel.

Adjust master volume limit



NOTE

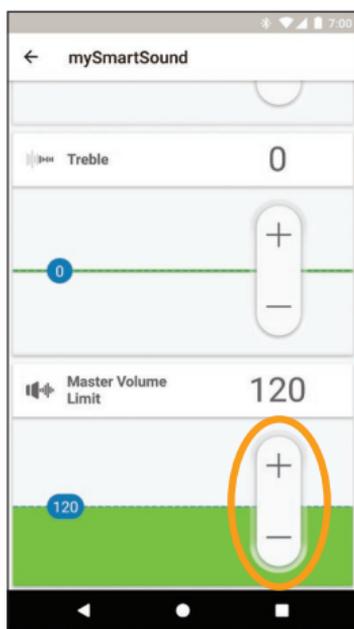
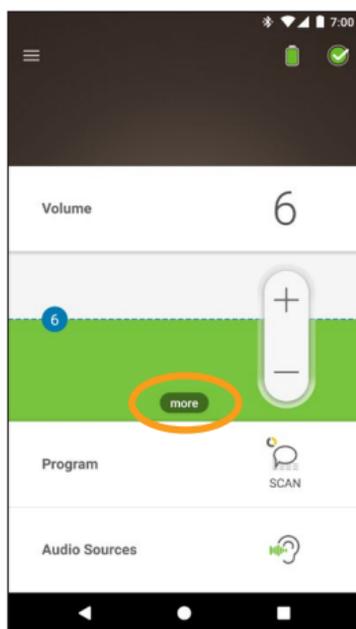
Master volume limit is only available if enabled by your clinician.



WARNING

Only adjust this when you can hear sounds or speech. Increasing master volume limit may cause loud sounds or discomfort at high levels. If this occurs, remove the processor/coil immediately and decrease the master volume limit before replacing.

1. Tap **Volume** to open its control panel.
2. Tap **more** to open the **mySmartSound** control panel.
3. Tap **+ / -** to change master volume.



4. Tap the Back button to close the **mySmartSound** control panel.

Use ForwardFocus

ForwardFocus is an additional feature that works by reducing noise coming from behind you. This allows you to concentrate on face-to-face conversations in a noisy situation such as a café.

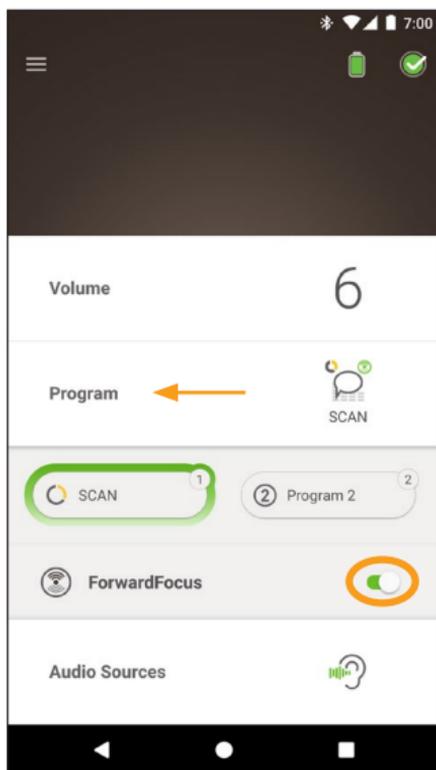
ForwardFocus is only available if enabled by your clinician. Once enabled, you have control of the feature and can turn it on and off as you need to.

When using ForwardFocus try to make sure any distracting noises are behind you.

Don't forget to turn it off when you move to a different hearing environment, for example, when moving from a noisy café to a quiet room.

If you are a carer of a child, you should talk to your clinician about the suitability of this feature. It is important that your child can provide feedback when ForwardFocus is no longer needed, and they need to use their normal programs.

1. Tap **Program** to open its control panel.
2. Turn **ForwardFocus** on.



NOTE

If you turn off your sound processor ForwardFocus is turned off and you will have to turn it on again when you need it.

Check status

Tap the icons to open the **Status** screen.



- 1 Sound processor battery level.
- 2 Sound level being delivered to the sound processor. Icon displays source (e.g. microphones, wireless accessory). Coloured bar indicates level.
- 3 Sound processor status indicator:
 - Green tick indicates no faults

If your sound processor has a fault, you will see a screen like this:



- 1 Sound processor part with the fault displays in yellow.
- 2 Description of fault and suggested solution.

Sound Check



NOTES

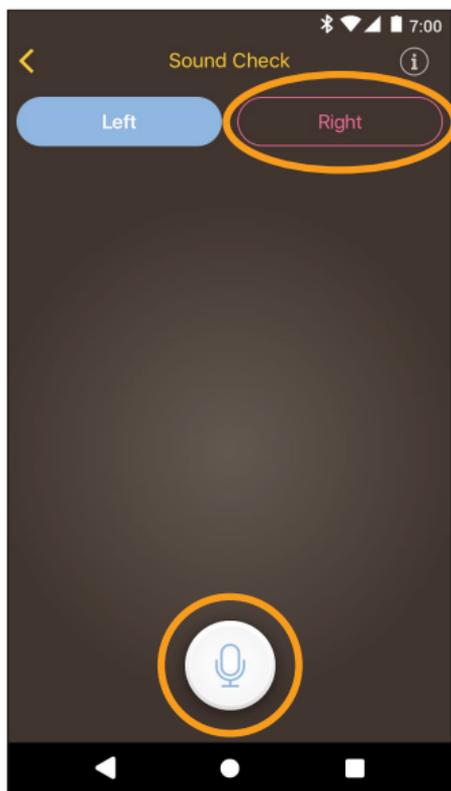
- Make sure you are in a quiet place away from microwave ovens, wireless routers or other devices that could cause interference.
- Place the smart phone near your processor with nothing in between e.g. walls, furniture, your head.
- Be aware of privacy – Sound Check records sound from your processor microphones. Recordings are stored on your smart phone (they are not stored by Cochlear).

From the **Status** screen, tap the **microphone** icon to start Sound Check.*



* Available on compatible smart phones only. For information visit www.cochlear.com/compatibility.

1. If you have two processors, **Left** is selected. To record the right processor, tap **Right**.



2. Tap the **Microphone** button to start recording.
3. Tap the **Stop** button  to finish recording.
4. Tap the **Play** button  to listen to your recording.

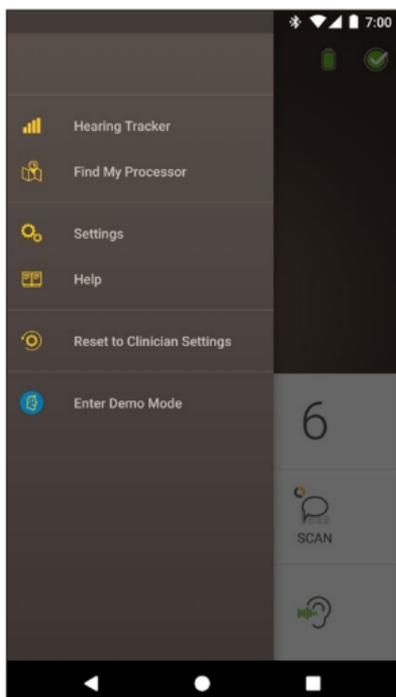


NOTES

- While recording, the processor light displays steady blue.
- A 5-tone sequence sounds at the start of recording and 1 beep at the end.
- 30 seconds is the maximum recording time.
- Elapsed recording time displays above the button.
- The quality of speakers on your smart phone and headphones will affect the sound quality on playback.

Settings menu

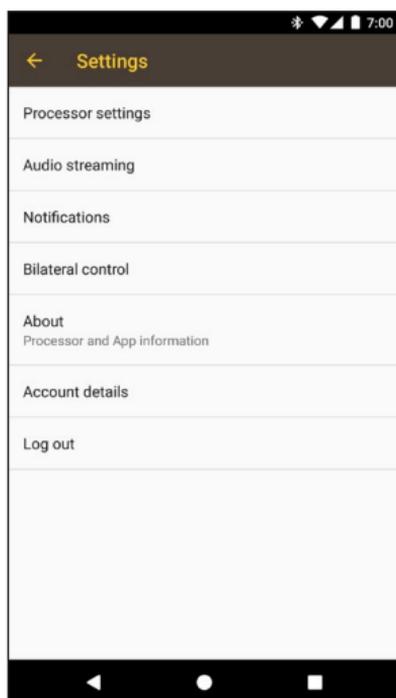
Tap the **menu** icon at top left of the screen to open the **Settings** menu.



Tap **Reset to Clinician Settings** to change your processor settings back to those set by your clinician.

Tap **Enter Demo Mode** to learn how to use the app without affecting your processor(s).*

Tap **Settings** to open the **Settings** screen:



* This feature may not be available in your version of the app.

Tap **Processor settings**:

- Set processor lights
- Turn beeps on/off.

Tap **Notifications** to turn notifications on/off.

Tap **Bilateral control** to select whether to control two sound processors together or separately.*

* This feature may not be available in your version of the app.

Troubleshoot

Contact your clinician if you have any concerns regarding the operation or safety of your sound processor.

Problem	Resolution
You have trouble connecting to the app	<ol style="list-style-type: none">1. Restart your sound processor.2. Restart the app.3. Restart the device running the app.
You don't receive notifications	Check that you have Notifications turned on in the Settings screen.

This software fulfils the essential requirements listed in Annex 1 of the EC directive 90/385/EEC on Active Implantable Medical Devices as per the conformity assessment procedure in Annex 2.



The year in which authorisation to affix the CE mark was granted was 2018.

Legal statement

The statements made in this guide are believed to be true and correct as of the date of publication. However, specifications are subject to change without notice.

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