MED**EL**

SONNET®

CI and EAS Audio Processors

Quick Guide
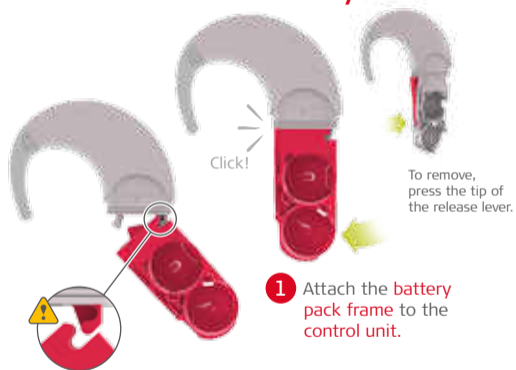
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SONNET® CI and EAS Audio Processors

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- Control Unit
- EAS Earhook
- CI Earhook
- Battery Pack
- 🔒 Battery Pack Cover Lock
- Coil Cable
- Air Inlets

Basic Assembly

Click!

To remove, press the tip of the release lever.
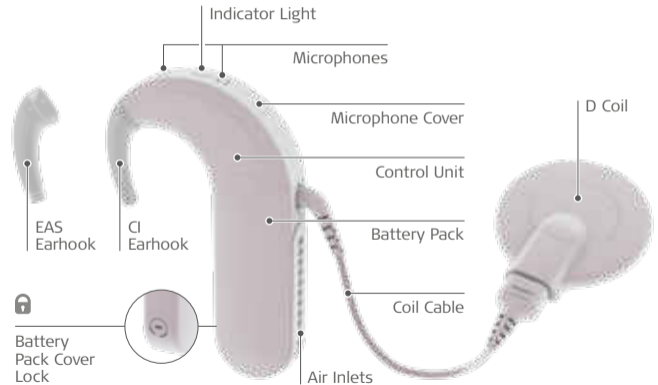
1 Attach the battery pack frame to the control unit.

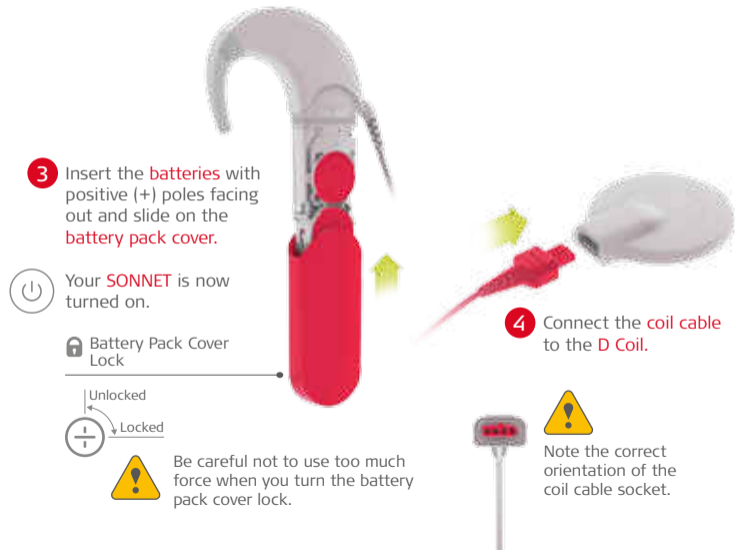Note the mechanism that secures the control unit to the frame.

2 Plug the coil cable into the control unit.

⚠ Note the correct orientation of the coil cable socket.

3 Insert the batteries with positive (+) poles facing out and slide on the battery pack cover.

⏻ Your SONNET is now turned on.

🔒 Battery Pack Cover Lock

Unlocked
Locked

⚠ Be careful not to use too much force when you turn the battery pack cover lock.

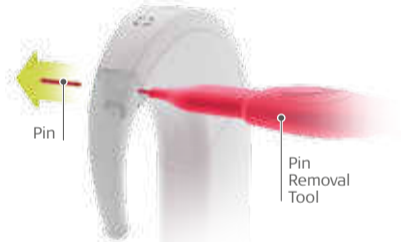**4** Connect the coil cable to the D Coil.

⚠ Note the correct orientation of the coil cable socket.

Earhook

Detaching

Pin

Pin Removal Tool

1 Remove the earhook pin by pushing it out with the supplied pin removal tool.

If you have SONNET EAS, a hearing aid acoustician will fit your earhook with an ear mould.

2 Remove the earhook by gently pushing it down.

Click!

To Attach

Note the mechanism that secures the earhook.

To lock the earhook, attach the earhook and insert the earhook pin.

Microphone Cover

Detaching

1 Remove the earhook.

2 Gently pull the microphone cover off the control unit from the front using your fingernail.

Click!

Attaching

1 Insert the microphone cover pins into the recesses in the control unit.

2 Carefully snap the microphone cover onto the control unit.

Make sure that the microphone cover pins have been inserted before you proceed to step 2.

Indicator Light

Confirmation	Status
🟢	FineTuner command has been successfully received.

Program Change

🟢	Program 1 is selected.
🟢 🟢	Program 2 is selected.
🟢 🟢 🟢	Program 3 is selected.
🟢 🟢 🟢 🟢	Program 4 is selected.

Status

🟢 —— 🟢 · · · ·	If the optional status light has been activated: SONNET is initialised and working.

0   1   2   3
Scale in Seconds

Warning	Status	Solution
🔴 🔴 🔴 🔴 · · · · ·	Batteries are empty.	Change the batteries.
🔴🔴🔴🔴🔴 · · · ·	Either minimum or maximum volume has been reached, or audio sensitivity has been reached.	Adjust volume or sensitivity if necessary.

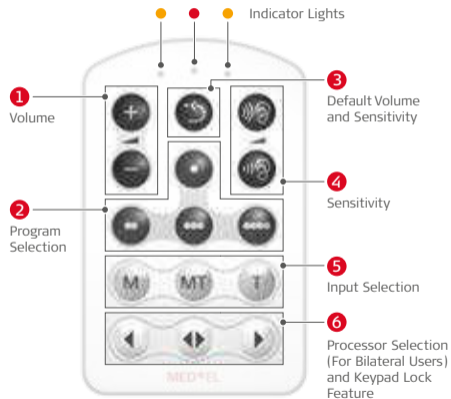| Error Pattern	Problem	Solution
🔴 —— 🔴 · · · ·	Temporary error or electronic malfunction.	1. Turn processor off. 2. Turn processor back on.
🔴🔴 🔴🔴 · · · ·	The setting you selected has not yet been programed, or there has been a program malfunction.	Select another setting.
🔴🔴 🔴🔴 🔴 · · ·	Temporary error or electronic malfunction.	1. Turn processor off. 2. Turn processor back on.
🔴🔴🔴 🔴🔴🔴 · · ·	Programming failure, temporary error, or electronic malfunction.	1. Turn processor off. 2. Turn processor back on.

0   1   2   3
Scale in Seconds

FineTuner

Indicator Lights

1 Volume

Volume

2 Program Selection

Program Selection

3 Default Volume and Sensitivity

4 Sensitivity

5 Input Selection

6 Processor Selection (For Bilateral Users) and Keypad Lock Feature

1 Volume
Increase or decrease the volume

2 Program Selection
Choose a program

3 Default Volume and Sensitivity
Set volume and audio sensitivity to default setting as determined by your audiologist

4 Sensitivity
Increase or decrease the audio sensitivity

5 Input Selection
M: Selects the microphone
MT: Selects microphone and telecoil
T: Selects the telecoil

6 Processor Selection (For Bilateral Users)
Select the left processor, both processors, or the right processor; Activates and deactivates the Keypad Lock

FineTuner Keypad Lock

To prevent accidental setting changes, you can activate the FineTuner Keypad Lock. If any key is pressed while the keypad is locked, the red LED light on the FineTuner will blink.

Temporarily Unlocking the Keypad
You can make a selection even when the keypad is locked by pressing any given key twice. The first click temporarily unlocks the keypad, and the second click sends the command.

When the Keypad Lock is temporarily deactivated, the keypad will relock after 10 seconds of inactivity.

Activating the Keypad Lock
1. Press and hold the (⬧) key for 5 seconds, or until the red and amber lights blink alternately.
2. Press the (▷) key. When the keypad has been locked successfully, the amber lights will blink.

Deactivating the Keypad Lock
1. Press the (⬧) key twice. The second time, press and hold for at least 5 seconds, or until the red and amber lights blink alternately.
2. Press the (◁) key. The amber lights will blink to indicate that your FineTuner is unlocked.

🔒 Any FineTuner key can be deactivated by your clinician to prevent accidental setting changes.

Light Patterns

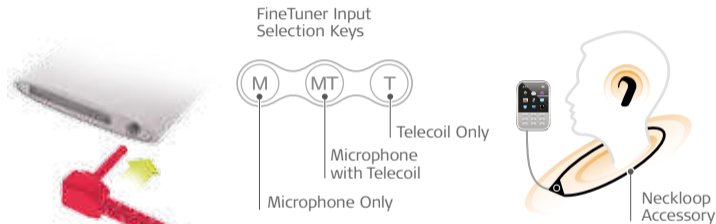| Light Pattern	Meaning	Explanation
○ ● ○	Keypad is locked	If you press any key while the FineTuner is locked, the red indicator lights will turn on.
● ○ ○ ○ ○ ● ● ○ ●	Information is being transmitted	The indicator lights blink when signals are being transmitted. The left light blinks if the left side is activated. The right light blinks if the right side is activated. Both blink if both sides (for bilateral users) are activated.
◁ ⟶ ● ○ ○ ▷ ⟶ ○ ○ ● ◁▷ ⟶ ● ○ ●	Input side change	Press the left key to send commands to the left side. Press the right key to send commands to the right side. The corresponding amber light will turn on. To send commands to both sides (for bilateral users), press the centre key. Both amber lights will turn on.
◁▷ + 5 seconds ● ● ● ● ● ● ● ● ● · · · ·	Programming mode	Press for more than 5 seconds to activate programming mode. The 3 indicator lights will flash alternately.
● ● ● — ● ● ● · · · ·	Batteries are low	If batteries are low, the red indicator light in the centre will repeatedly blink three times.
● ○ ●	Configuration has been successful	If configuration of your FineTuner has been successful or if the automatic keyboard lock feature has been either activated or deactivated, both amber lights will turn on for one second.

Batteries

Use only type 675 batteries to power your SONNET. We recommend using zinc-air batteries that are designed especially for hearing implant systems. When you use SONNET with the WaterWear accessory, however, you must substitute zinc-air batteries with one of the other types.

	675 Zinc-Air Batteries	675 Silver-Oxide Batteries	675 Alkaline Batteries	675 Rechargeable Batteries
Maximum battery life	60 hours	10 hours	8 hours	8 hours
Requires oxygen supply	Yes	No	No	No
Compatible with WaterWear	No	Yes	Yes	Yes

Telecoil Accessories

For Neckloops and Silhouettes

FineTuner Input
Selection Keys

Telecoil Only

Microphone
with Telecoil

Microphone Only

Neckloop
Accessory

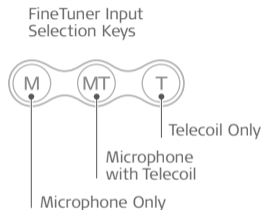**1** Insert the 3.5 mm plug of the telecoil accessory into the headphone jack of the audio device.

2 Press the MT or T button on your FineTuner to activate the telecoil and select the input type.

3 Place the telecoil accessory around your neck if you're using a neckloop or on your ear if you're using a silhouette.

For Induction Loop Systems

Look for the symbol that identifies the use of an induction loop system at venues.

FineTuner Input
Selection Keys

Telecoil Only

Microphone
with Telecoil

Microphone Only

1 Find the listening area of the induction loop system and stay within it.

2 Press the MT or T button on your FineTuner to activate the telecoil function and select the input type.

FM Battery Pack

3-Pin
FM Port

With Direct Audio Input

1 Insert the 3-pin plug of the audio adapter cable into the FM port.

2 Insert the 3.5 mm plug of the audio adapter cable into the headphone port of the audio device.

Attach the FM Battery Pack in the same way you attach the standard battery pack cover. (See Basic Assembly instructions on pages 2–3 of this guide.)

Audio Adapter Cables

Unilateral Mix

Unilateral Ext.

Bilateral Mix

Bilateral Ext.

With FM Receiver

Insert the FM receiver into the FM port. SONNET will automatically detect sound signals as soon as the FM system is activated.

Refer to the user manual for your FM system for instructions on changing FM settings.

Safety Features

Lockable Earhook
The earhook locks securely in place to prevent accidental removal. To lock the earhook, insert the earhook pin after you attach the earhook to the control unit. If SONNET belongs to a child, always insert the earhook pin before you place the audio processor on the child's ear.

Battery Pack Cover Lock
The battery pack cover can be locked to prevent tampering or disassembly. If SONNET belongs to a child, always lock the battery pack cover before you place the audio processor on the child's ear.

Unlocked
Locked

Be careful not to use too much force when you turn the battery pack cover lock.

FineTuner Deactivation
You can deactivate certain FineTuner keys or programs to prevent accidental changes to settings. For more information about this feature or for instructions for FineTuner deactivation, please contact your CI centre.

Basic Care and Maintenance

Follow these basic and important care instructions to help improve the functioning of your SONNET and extend its life.

General Cleaning
Clean SONNET regularly by wiping it with a soft, damp cloth. Don't use cleaning solutions. Use extra care when cleaning small parts such as the battery contacts and microphone covers.

Battery Contacts
Inspect the battery contacts regularly; clean and dry them as necessary. To clean them, use a cotton swab and a small amount of rubbing alcohol. Gently wipe them dry. Avoid touching the battery contacts.

Microphone Covers
If the microphone covers get wet, wipe them dry or replace them. Replace the microphone covers every three months, or sooner if they appear dirty or if sound quality has worsened.
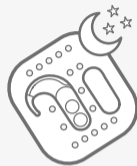
Drying
Use the drying kit every night to allow SONNET to dry out completely. Remove the battery pack cover before putting it into the drying kit with your audio processor. Disposable batteries can be left in the frame and put into the drying kit.

⚠ Don't put rechargeable batteries into the drying kit.

Moisture
Protect SONNET from excessive or unnecessary exposure to water. If your audio processor gets wet, gently wipe it dry with a soft absorbent cloth.

Sunlight
Don't leave SONNET in direct sunlight, especially inside of a vehicle. Don't expose your audio processor to extreme temperatures.

📖 Refer to your user manual for more information about care and maintenance.

Troubleshooting

In case you encounter any minor technical problems, such as an interruption in sound, carefully follow these steps to identify possible causes and solutions:

1. Remove your SONNET and change the batteries. If that doesn't solve the problem, go to 2.
2. Disassemble your SONNET into five parts: control unit, battery pack frame, battery pack cover, coil cable, and D Coil. (For guidance, see pages 2–3.)
3. Check each part for dirt or signs of damage. Gently clean any processor parts that are dirty and wipe dry any parts that are wet. (See instructions on pages 22–23.) If any parts appear damaged, contact your CI centre for assistance.
4. Reassemble SONNET. (See instructions on pages 2–3.) If your processor still isn't working, go to 5.
5. Use the Speech Processor Test Device to troubleshoot your audio processor.

Speech Processor Test Device

The Speech Processor Test Device (SPTD) is a troubleshooting tool for detecting the most common audio processor problems. To troubleshoot with the SPTD, follow these steps:

1. Switch on your SONNET.
2. Place the flat side of the D Coil under the Speech Processor Test Device.
3. Speak into the SONNET microphones. The indicator light should flicker to the rhythm of your voice. If it doesn't, go to 4.
4. Adjust the volume and speak into the microphones. If the indicator light doesn't flicker, go to 5.
5. Change the batteries and speak into the microphones. If the indicator light doesn't flicker, go to 6.
6. Replace the coil cable.

If your SONNET still isn't working or for immediate assistance, please contact your CI centre. For complete troubleshooting instructions, visit medel.com.

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