

Remote Microphone (RM) Daily Set-up Procedures for Cochlear Nucleus 8 User

Transmitter: **Phonak Roger Touchscreen** Receiver: **Phonak Roger 20**



In the morning:

1. Attach the Roger 20 receiver to the N8 processor.
 - a. Remove the battery pack from the N8 by turning it anti-clockwise. If the battery is locked, see (b).



- b. If the battery pack is locked, with the Cochlear supplied tool, push the lock to the right to unlock.



- c. Attach the Roger 20 receiver by aligning it with the N8 processor and turning clockwise.



- d. Attach the battery to the Roger 20 likewise.



- e. If successfully attached, the processor will turn on automatically. If the transmitter is ON, CONNECTED, and WITHIN RANGE, the indicator light will blink blue.



2. Teacher wears the Touchscreen transmitter using the provided lanyard and adjusts the length of the lanyard as needed. The top of the Touchscreen should be within 20 cm from the lips for optimum reception.



3. Turn on the Touchscreen by pressing and holding the power button for 3 sec until the screen lights up.



4. *Hold the transmitter within 4 inches of EACH receiver and tap *Connect*.



If connection is successful, the message “Roger 20 is connected” will appear on the screen.

5. Perform *Behavioral Check*.

➔ From approx. 3-4 metres away from student, speak with a normal conversational voice into the mic while covering your face. Confirm student’s understanding, e.g. “Can you point to the window?”, *NOT* just “Can you hear me?”.

*Step 4 only needs to be performed once during the **initial set-up**, unless the receiver has been connected to another Roger transmitter.

At Recess, Lunch and In-Between Classes:

1. Turn OFF the transmitter by pressing and holding the power button for 3 sec and tap on the upper right check mark for Yes.

When class (group instruction) resumes:

1. Turn transmitter back ON.
2. Behavioral check to confirm RM signal transmission.

During non-Instruction times (quiet study, speaking to individual students, etc):

1. Teacher to *MUTE* microphone on the transmitter by pressing the MUTE button once. A red light will blink around the MUTE button.



2. Please remember to *UNMUTE* the mic when instruction resumes. Unmute by pressing the same button once.

End of the Day:

1. Turn OFF transmitter.
2. Remove Roger receiver from CI processor.
3. Charge transmitter (2 hours for a complete charge; can leave it charging overnight).
4. Store the rest of the RM system (receivers, cables, etc...) in a safe, dry place.

Tips about RM:

→ Remember to either turn OFF or MUTE the transmitter during non-instruction times.

→ The Touchscreen goes into “sleep” mode when the display is not touched for a set period of time (30 sec by default). Unless the MUTE button is pressed, the microphones stay active in “sleep” mode. To “wake” it up or put it to “sleep” manually, quickly press the power button once.



→ Only turn ON the RM transmitter when the student is in the **same room** as the teacher.

The transmitter microphones are **adaptive directional** and **highly sensitive**.

- Position the transmitter correctly first before turning the transmitter ON or UNMUTE.
- During frontal instruction, the microphone should maintain a vertical position under the teacher’s lips.
- When placed in a horizontal position on a flat surface, the microphone automatically changes to *small group mode* and transmits sounds that are received within 2 metre range from all directions.



SD 47 (Powell River)

Auditory Outreach Provincial Resource Program