



New Roger™ Solutions for School

Bridging the understanding gap

A Sonova brand

PHONAK
life is on

Agenda

Meet your Phonak Team

Pediatric Portfolio and Roger Review

New Roger Solutions

- Roger Focus II

- Roger NeckLoop

- Roger On

Future Trainings and Events

Questions



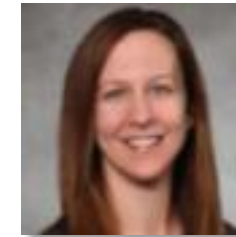
The Phonak pediatric team



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Pediatric Sales
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Coming Soon!
AL, FL, GA, MS,
SC, W. TN

AR, LA, MO, NM,
OK, TX

First.Last@phonak.com

Contact information reminder



Important Phone Numbers

888-777-7316

School Desk

option 1 Customer Service

Audiology Tech Support

option 2

800-679-4871

Consumer questions

on Bluetooth and Roger connectivity



Provides faster service and better order tracking

- schoolquotes@phonak.com – email exclusively for quote requests
- schoolorders@phonak.com – email exclusively for orders
- schoolhelpdesk@phonak.com – all other questions and needs

Pediatric Portfolio and Roger Review

Strong BTE portfolio for children



Sky M-M



Sky M-PR



Sky M-SP



Sky Link M

NEW!



Naída P-UP

NEW!



Sky Marvel CI

**New from
AB!**

Learn more!

Severe to Profound hearing loss solutions for Children

⁶March 5 at 2 PM EST



Learning in modern classrooms requires more than a great hearing aid

Setting the standard

Hearing clearly is a key component of every child's **development** and **well-being**.

Distance, **background noise** and reverberation can make hearing auditory information **challenging**.

A technology has been designed to specially **overcome** these challenges.



röger



Roger is the adaptive digital wireless standard that offers outstanding speech understanding in noise by improving the signal-to-noise ratio¹



Why Roger?

Adaptive gain

Best signal to noise ratio in the industry

Universal connectivity

Compatible with most hearing solutions
(hearing aids, BAHA & cochlear implants)

MultiTalker Network

Versatile in multiple situations

MultiBeam Technology

Speech understanding improves up to 61% in
group conversations compared to HA alone

Directionality

Avoids capturing surrounding noise

Durable

Easy to use, reliable and safe

Warranty

2 year warranty standard, with options for
extension



Why Roger?

54% better speech understanding compared to other remote mic technologies¹

5300

more words
per day!²

12%

more child-
directed speech³

Better

receptive discourse
skills⁴

Significantly better access to both **quantity**
and **quality** of language

1. Thibodeau, L. (2014). Comparison of speech recognition with adaptive digital and FM remote microphone hearing assistance technology by listeners who use hearing aids. *American Journal of Audiology*, 23(2), 201–210.

2. Benitez-Barrera, C..R, Angley G., & Tharpe, A.M. (2018). Remote microphone system use at home: Impact on caregiver talk. *Journal of Speech, Language and Hearing Research*, Vol. 61, 399-409.

3. Bacic, L. & Tharpe, A.M. (2019). Impact of remote microphone system use on access to child-directed speech when used in homes of children with hearing loss. *Field Study News*, in preparation.

4. Curran, M., Walker, E., Roush, P., & Spratford, M. (2019). Using Propensity Score Matching to Address Clinical Questions: The Impact of Remote Microphone Systems on Language Outcomes in Children Who Are Hard of Hearing. *Journal of Speech, Language, and Hearing Research*. 62 (3): 564-576.

Introducing Roger Focus II



Roger Focus

- Discreet ear level receiver
- Compatible with all Roger microphones



Roger Focus II: Listening performance at school and home



Personalized choice

- Two form factors
- SlimTubes including size-00
- Colors
- Compatibility with all Roger microphones
- Optional Phonak RemoteControl



Colors



Q2
Electric Green



Q3
Caribbean Pirate



T7
Alpine White



T3
Precious Pink



M6
Lava Red



M7
Blue Ocean



P8
Majesty Purple



H0
Beige



P6
Velvet Black



P6
Silver Gray

Roger Focus II
Rechargeable



P6
Silver Gray



P8
Velvet Black

Roger Focus II-312
Zinc-Air

Who could this be?



Unilateral Hearing Loss (UHL)

Difficulties with:

Understanding speech in noise

Challenges with localization

Decreased engagement

Increased anxiety levels

Behavioral Issues. ^{1,2,3}.



Auditory Processing Disorder (APD)

Difficulties with:

Spatial sound processing

Auditory discrimination

Auditory pattern recognition

Auditory temporal processing

Degraded auditory information in competing sound



Autism Spectrum Disorder (ASD)

Impaired auditory filtering¹

Hear, function, and complete tasks in the presence of background noise

Critical for hearing in real-world environments

Form factors

Up to

20

Hrs battery life on a full charge



Roger Focus II
Rechargeable

Up to

52

Hrs battery life



Roger Focus II-312
Zinc-Air

Charging times

Indicator light	Charging state	Approx. charging times
● ● ●	0 – 10%	
● ● ●	11 – 80%	30 min (30%) 60 min (50%) 90 min (80%)
● ● ●	81 – 99%	
■	100%	3 h

Status hearing device**	Indicator light pattern
<input type="checkbox"/> Locking multi-function button	Double blink ●●
<input type="checkbox"/> Unlocking multi-function button	Single blink ●
<input type="checkbox"/> Low battery *	Continuous red blink ●●●●●
<input type="checkbox"/> Volume level change (either initiated by a remote control or by the multi-function button)	Single blink per volume change ●
<input type="checkbox"/> Mid-volume	Solid green ■■■■
<input type="checkbox"/> Roger microphone connecting the device	Single blink ●
<input type="checkbox"/> Volume max or Volume min reached	Double blink ●●

Status hearing device***	Indicator light pattern
<input type="checkbox"/> Locking multi-function button **	Double blink ●●
<input type="checkbox"/> Unlocking multi-function button	Single blink ●
<input type="checkbox"/> Low battery *	Continuous blink ●●●●●
<input type="checkbox"/> Volume level change (either initiated by a remote control or by the multi-function button)	Single blink per volume change ●
<input type="checkbox"/> Mid-volume	Solid green ■■■■
<input type="checkbox"/> Roger microphone connecting the device	Single blink ●
<input type="checkbox"/> Volume max or Volume min reached	Double blink ●●

Coupling options even for smaller ears

00 size
slim tube *



*not compatible with the original
Roger Focus

Safety



Keeping kids safe with:

- Tamperproof battery door options
- Volume control range
- Lockable volume control
- Indicator light
- IP68



Tamperproof battery door options

Roger Tamperproof
battery door



Roger Focus II
Rechargeable



Roger Focus II-312
Zinc-Air



Keeping listening level safe

Volume lock/unlock

LONG press (5 seconds)

Volume up (+ 8dB)

SHORT press

Volume down (- 8dB)

SHORT press



Volume lock/unlock

LONG press (5 seconds) then
release



Optional accessory

Clear visual display – Indicator light behavior



Function	Description	Roger Focus II	Roger Focus II-312
		Volume control locked and unlocked	Volume control locked and unlocked
Powering on	Start up		
Volume level change	Single blink per volume change		
Volume control lock	Double blink		
Volume control unlock	Single blink		
Low battery	Continuous blink		

Water and dust resistant

IP68 rating –
stands up to the wet and
wild world of active kids.*

*It survived continuous immersion in 1 meter of fresh water for 60 minutes and 8 hours in a dust chamber.



Benefits can include

- Improvement in speech understand in noise
- More attentive
- Improvement in anxiety
- Less self-reported difficulty



Roger Focus II ...



Listening performance
at school and home



Personalized choices



Safety

...helps children and teens focused on what matters

Roger Focus II Summary



Roger NeckLoop

Roger MyLink

- Universal Roger receiver
- Can be used with all hearing instruments that have a t-coil



NEW! Roger NeckLoop

Detachable neck loop

- Available two lengths, 60 and 80 cm

On/off

- Clear indication of on/off

Two-sided housing

USB-C

- Charging
- Digital output



Battery

- Indication for battery status
- Up to 10 hours use, 3 hours charging

Volume control

Display

- Volume setting
- Connection status

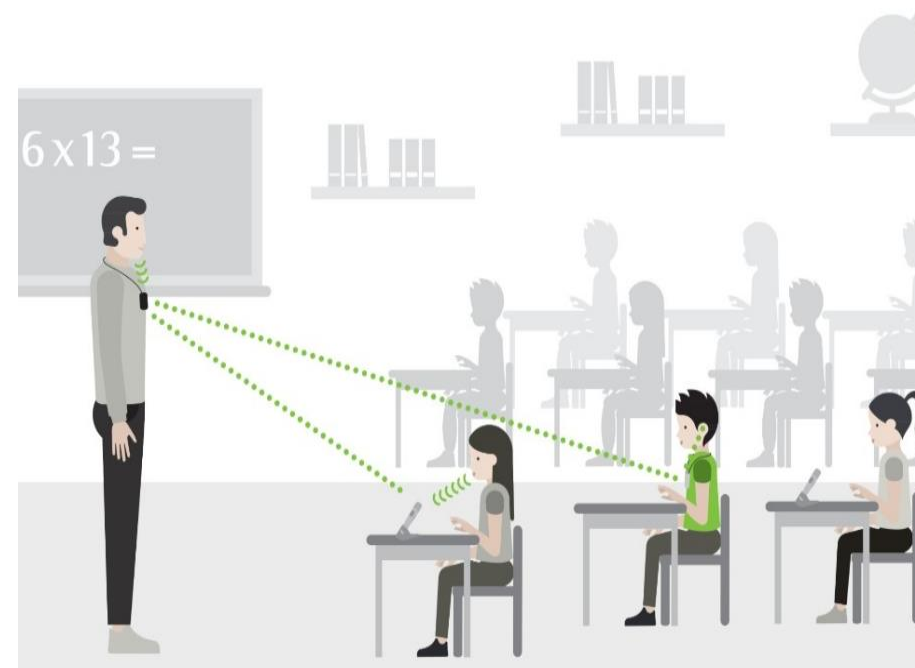
A Universal Solution

Roger NeckLoop can be used with all hearing instruments with T-coil



- Hearing aids
- Cochlear implants
- BAHA

Roger NeckLoop is available as 02 and 03 version.



Roger NeckLoop

A universal receiver for all patients

- Compatible with Non-Phonak hearing instruments
- Students ranging from elementary to higher education
- Working young adults



Unique ways to use Roger NeckLoop

Speech-to-Text

- Roger NeckLoop can be connected to a computer, tablet, or mobile phone with a speech to text app
- Converts the Roger signal into text on the screen



Unique ways to Use Roger NeckLoop, *cont.*



Helps Captioners, Interpreters,
and Itinerants



Provides clear access to
the teacher's voice
during remote and
hybrid learning



Can be used with non-
Phonak soundfield systems

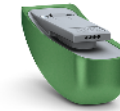
Roger NeckLoop vs. Ear-level Receivers

Benefits of Ear-level receivers:

- Better sound quality
- Access to a broader frequency bandwidth
- No additional program needed

When to choose the Roger NeckLoop:

- Budgetary constraints



Roger 17



Roger 18



Roger 19



Roger 20



Roger 21



Roger X

VS.



NEW! Roger NeckLoop

Roger NeckLoop



A **T-coil** away from
access to the Roger
portfolio



Easy to use



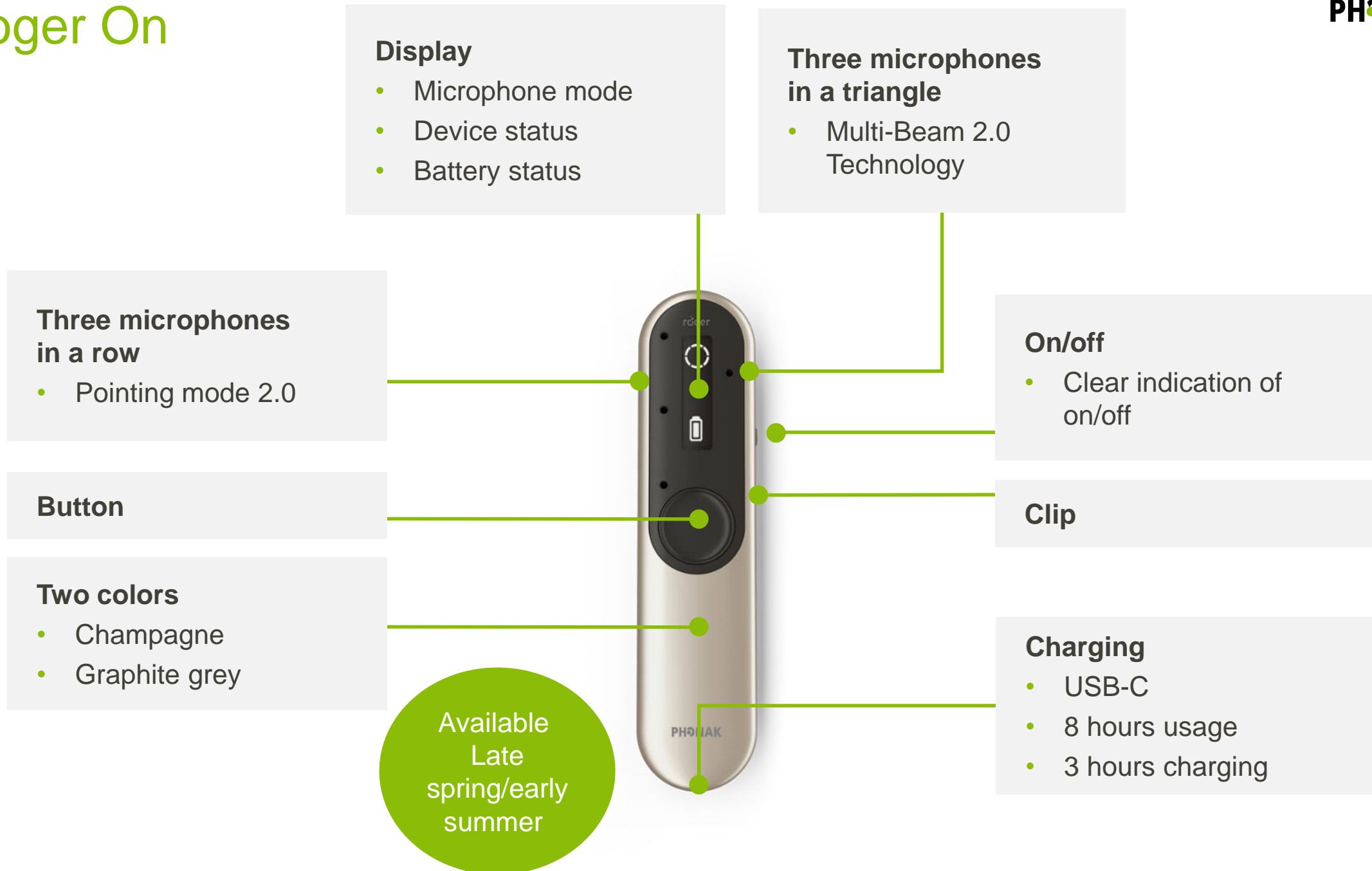
Can be used with
Speech to Text
applications



Roger NeckLoop
brings the
conversation closer

Introducing Roger On™

Roger On



Automatic switching to the situation



Table mode
with MultiBeam 2.0 Technology



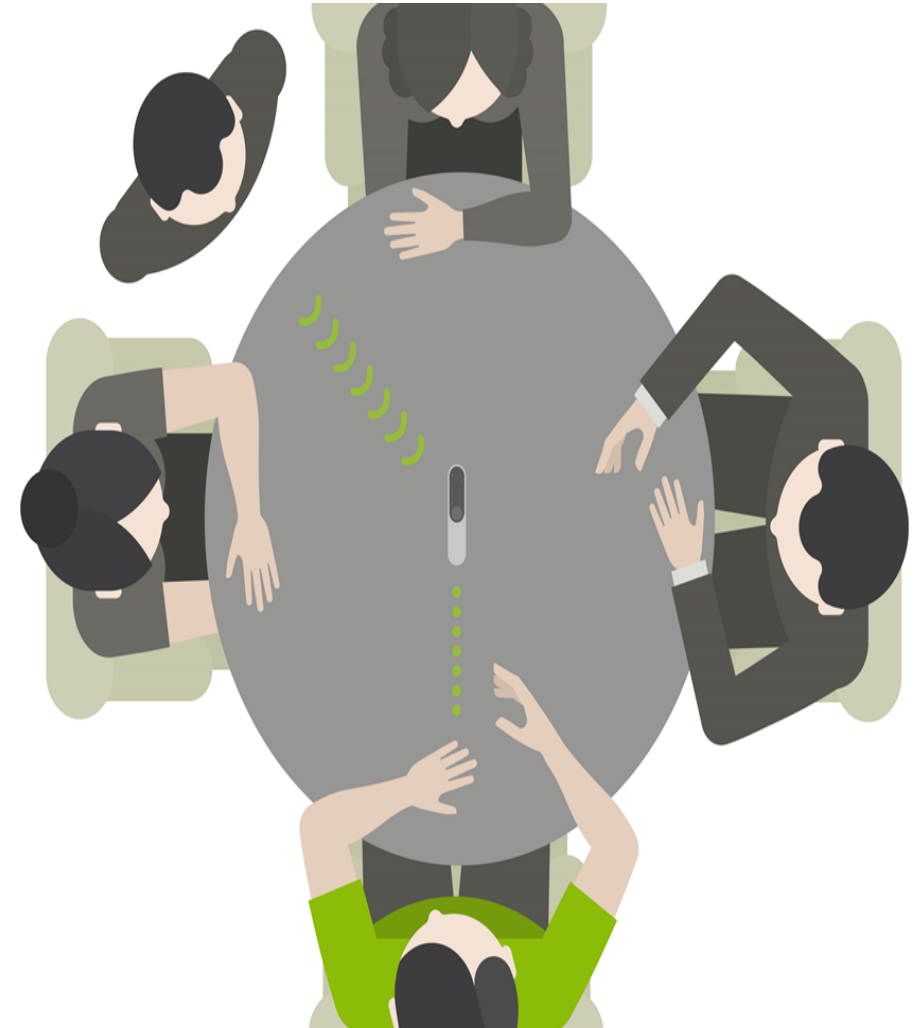
Pointing mode 2.0
with three microphones



Presenter mode
with orientation-independent in
presenter mode

Table mode

- Three embedded microphones; six beam combinations
- Automatic activation of microphone beam with best SNR
- Provides the listener with improved **speech intelligibility**
- MultiBeam 2.0 Technology* found in Roger On



*MultiBeam 2.0 Technology is only available using Sonova hearing devices with RogerDirect.

Pointing mode 2.0

- Pointing mode 2.0 uses three microphones
- Well defined microphone beam
- Zoom in to a speaker in a conversation



Presenter mode

- Recommended distance from speaker's mouth: within 8"
- Equal speech quality is maintained independent of the orientation*
- Accelerometer activates upward pointing beam



*According to technical measurements at RISE (Research Institute of Sweden) 16 April 2019.

Accessibility beyond the classroom

MultiTalker Network

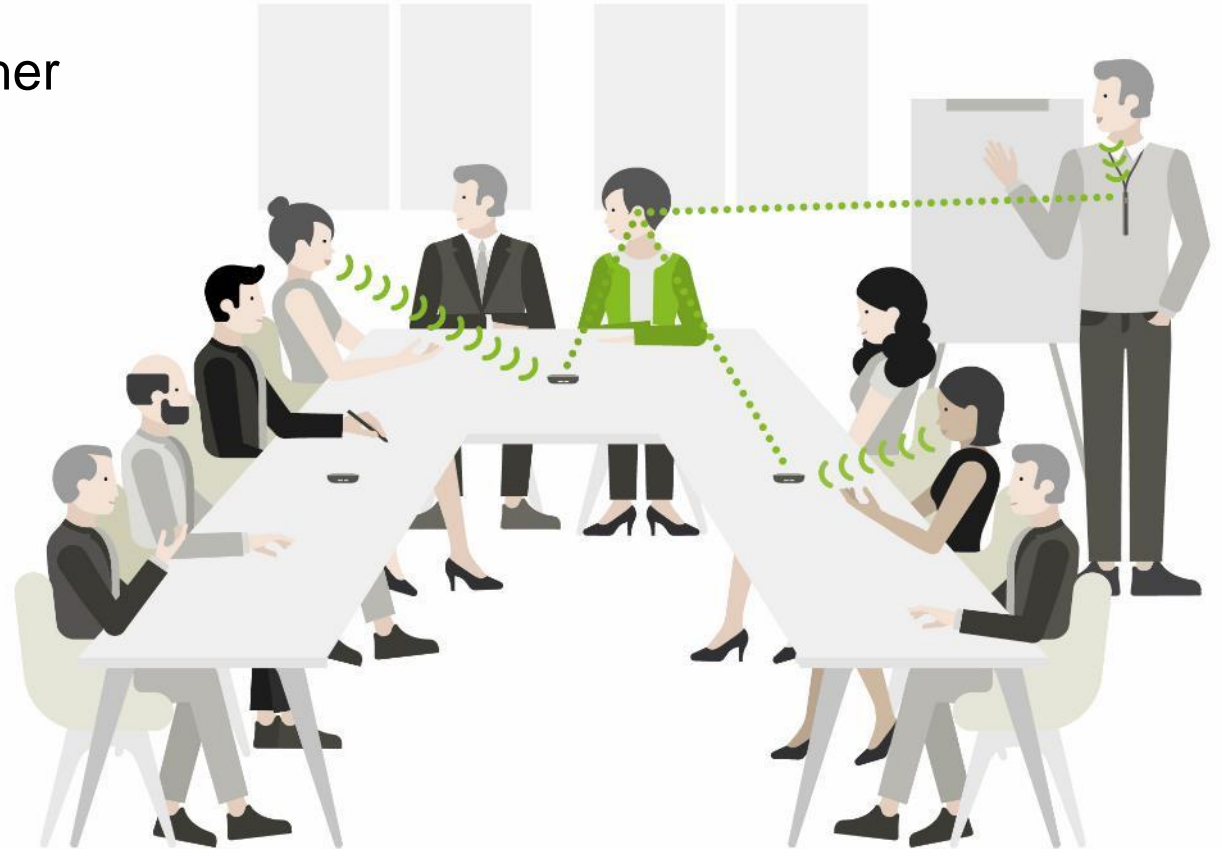
- Connects several Roger microphones together
- Overcomes distance
- Ideal for meeting rooms



Roger Select™



Roger Pen



Receiver Compatibility

Roger On is compatible with 02 and 03 Roger receivers used on hearing aids, cochlear implants and BAHAs



RogerDirect installed

RogerDirect License



Roger X

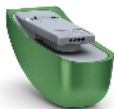


Roger Focus II



Roger NeckLoop

Universal receivers



Roger 17



Roger 18



Roger 19



Roger 20



Roger 21

Integrated receivers

Roger microphone portfolio



Roger Touchscreen Mic



Roger Pass-around



Roger™ On



Roger Select™



Roger Multimedia Hub



Roger Digimaster SoundField



Roger Pen & EasyPen



Roger Clip-on Mic

Roger for **education**

Compatible with 02 receivers (not 03/iN receivers)

Roger for **home**

Compatible with 02 and 03/iN receivers

Personal Roger system choices



Versatility for all educational environments

Automatically adjusts to improve SNR

Compatible with Pass-around Mic, Multimedia Hub and SoundField systems

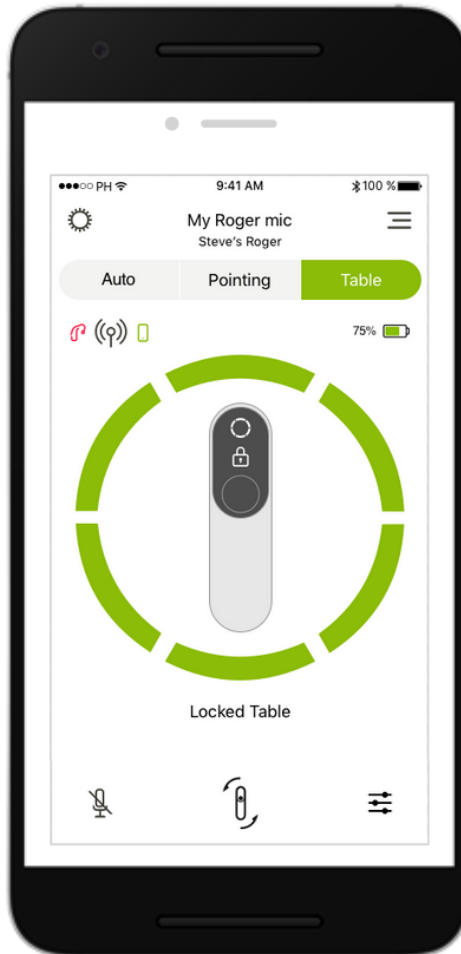


Great for on-the-go or stationary environments

Automatically selects best beam to improve SNR

Compatible with Roger Select, Roger Table mic, Roger Pen and Easy Pen

Ease of Use – myRogerMic app



- Switch microphone mode
- Change beam steering selection
- Mute/unmute
- Check battery status
- Configure up to 2 custom programs



Available
Late
spring/early
summer

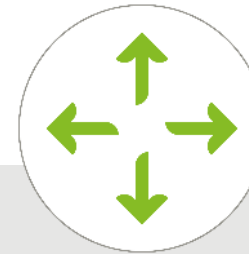
Summary



Hearing
Performance



Ease
of use



Designed for
versatility

What's Next?

What to do next



Start the
conversation with
your patients and
students

Solutions for Children with
Severe to Profound Hearing
Loss

Act Now! Take
advantage of our
current Roger
promotions



A Sound Foundation Through Early Amplification 2021

8th International Pediatric Audiology Conference
March 28 — 31, 2021

**Join us
virtually**

Register at Phonakpro.com
Trainings and Events tab/Phonak Events

Together,
we change lives