



## Meet Marvel 2.0 – More love at first sound

A Sonova brand

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Phonak Clinical Trainer

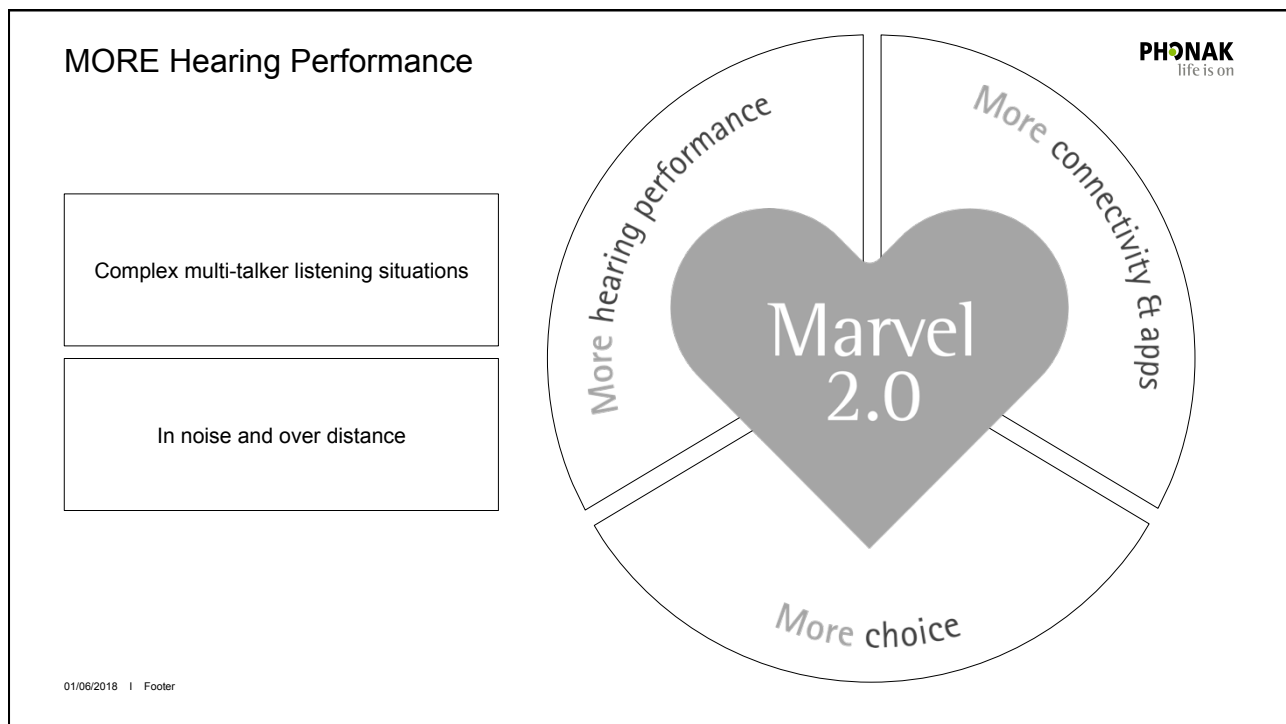
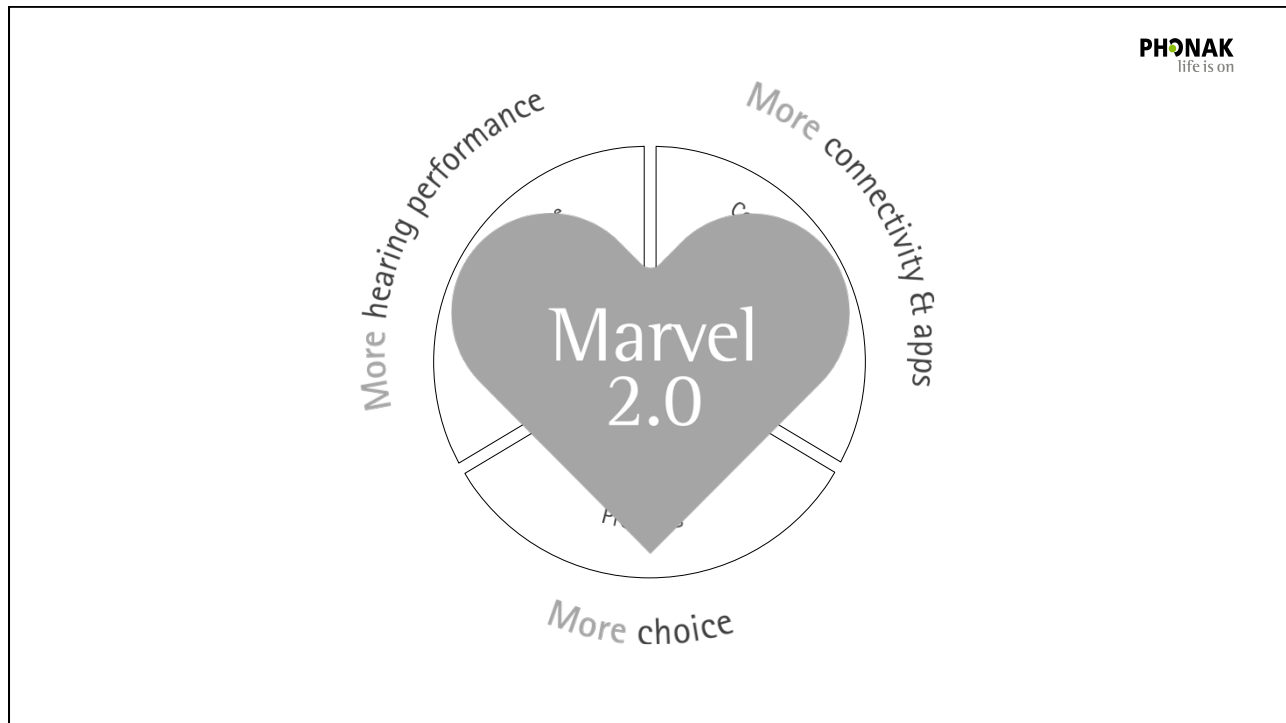


### Learning Outcomes:

- Participants will be able to summarize the updates to Marvel 2.0 technology.
- Participants will be able to identify the new Marvel portfolio product offering.
- Participants will be able to summarize the benefits of Marvel 2.0.

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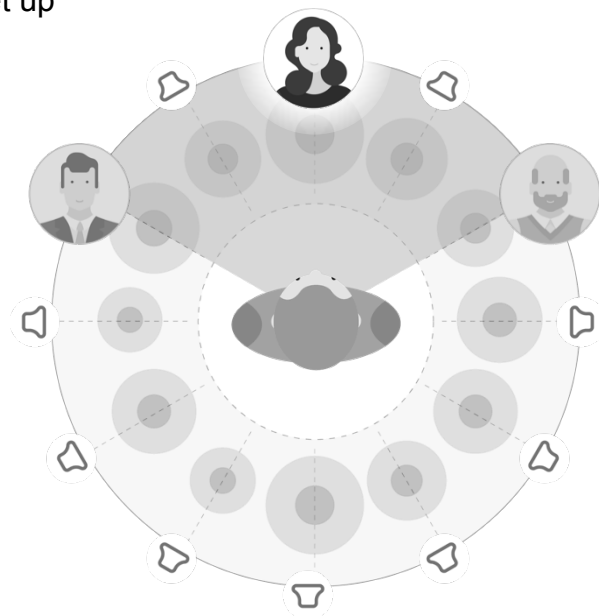
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### Oldenburg study set up

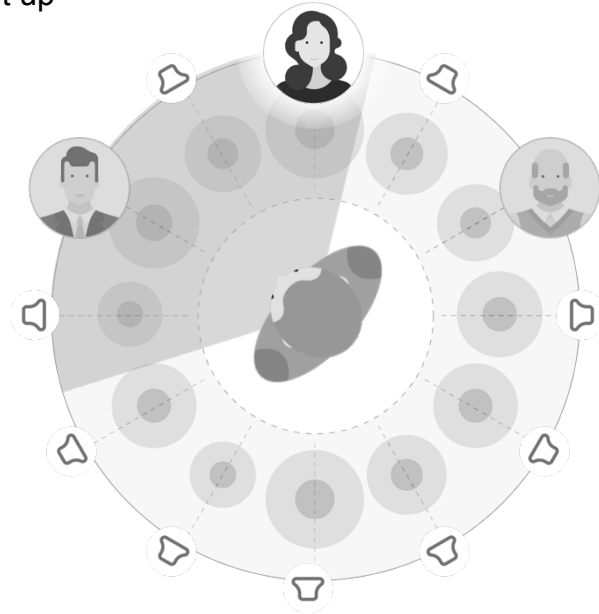
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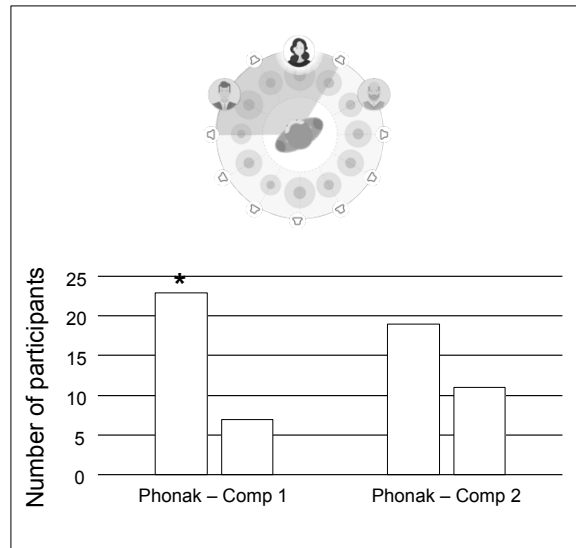
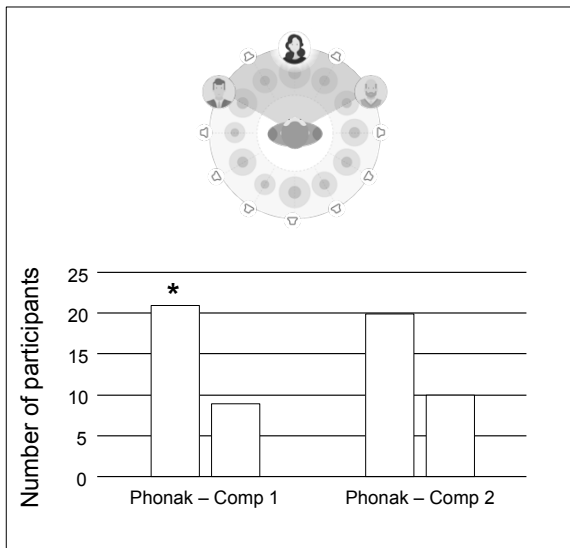
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## Oldenburg study set up

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## Proof of superiority – speech intelligibility

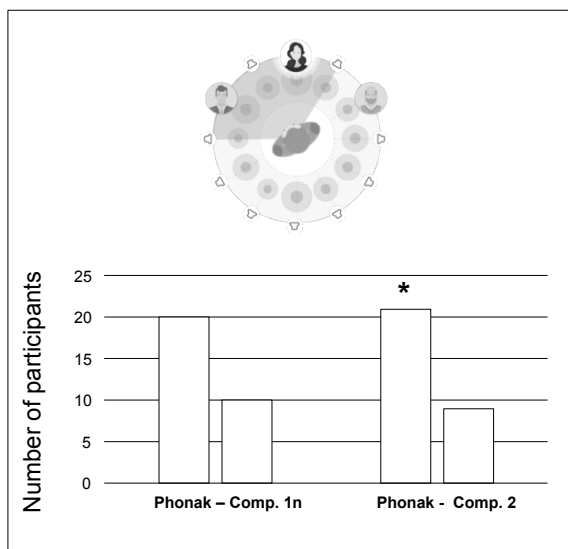
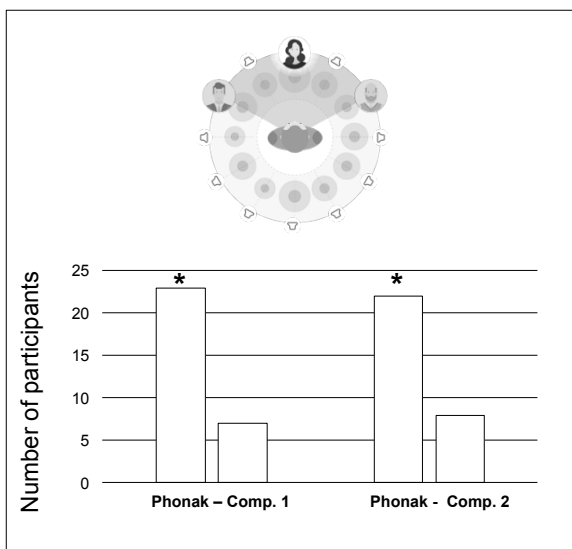
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## Proof of superiority – listening effort

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## The proven performance of AutoSense OS

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**New study**  
AutoSense OS

Superior performance in complex multi-talker listening situations

Better rated speech intelligibility leading to reduced listening effort

**Field Study News and Oldenburg publication available August 2019**

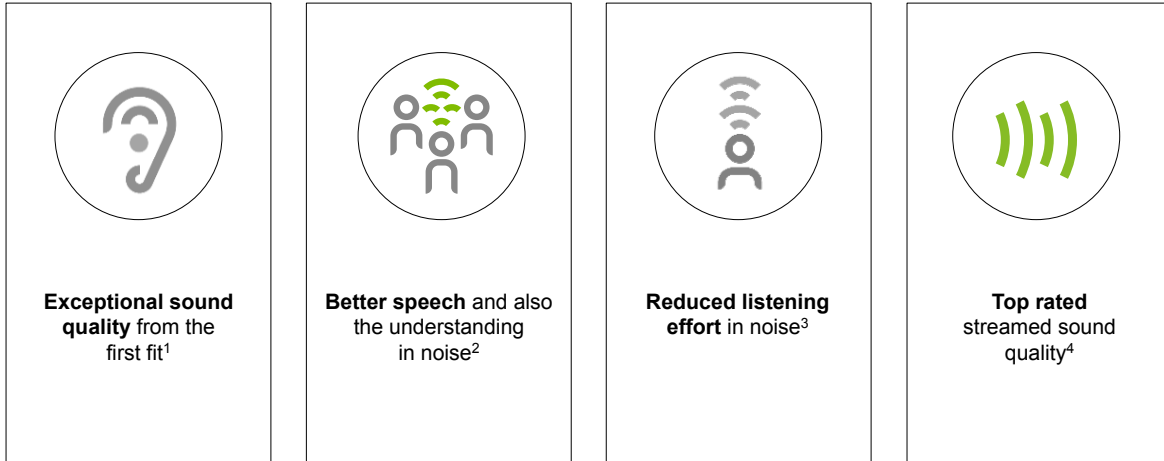
AutoSense OS – Superior speech intelligibility and less listening effort in complex listening situations, Phonak Field Study News in preparation. Expected July 2019

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## Marvel – for clear, rich sound

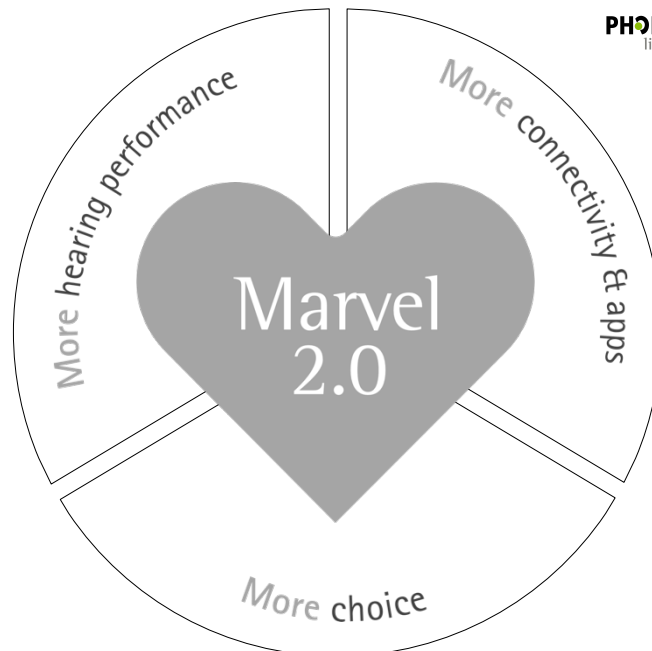
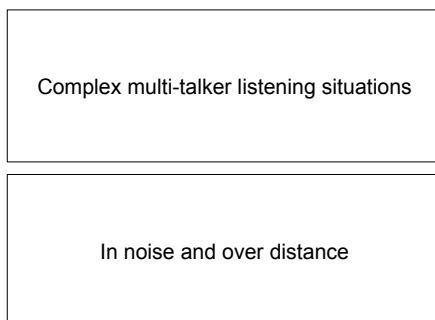
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1. Jansen, S. & Woodward, J. (2018). Love at first sound: the new Phonak precalculation. Phonak Insight, retrieved from [www.phonakpro.com/evidence](http://www.phonakpro.com/evidence), accessed October 17th, 2018.
2. Stewart, E., Rakita, L. & Drexler, J. (2019). StereoZoom Part 1: The benefit of wirelessly connected narrow directionality in Phonak hearing aids for speech intelligibility. Phonak Compendium, retrieved from [www.phonakpro.com/evidence](http://www.phonakpro.com/evidence), accessed February 20th, 2019.
3. Winneke, A., Latzel, M. & Appleton-Huber (2018). Less listening- and memory effort in noisy situations with StereoZoom. Phonak Field Study News, retrieved from [www.phonakpro.com/evidence](http://www.phonakpro.com/evidence), accessed October 17th, 2018.
4. Legarh, S., Latzel, M. & Rodrigues, T. (2018). Media streaming: The sound quality wearers prefer. Phonak Field Study News, retrieved from [www.phonakpro.com/evidence](http://www.phonakpro.com/evidence), accessed October 17th, 2018.

## MORE Hearing Performance

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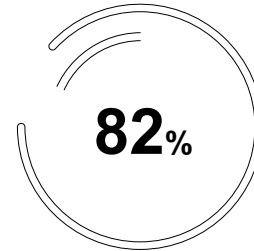
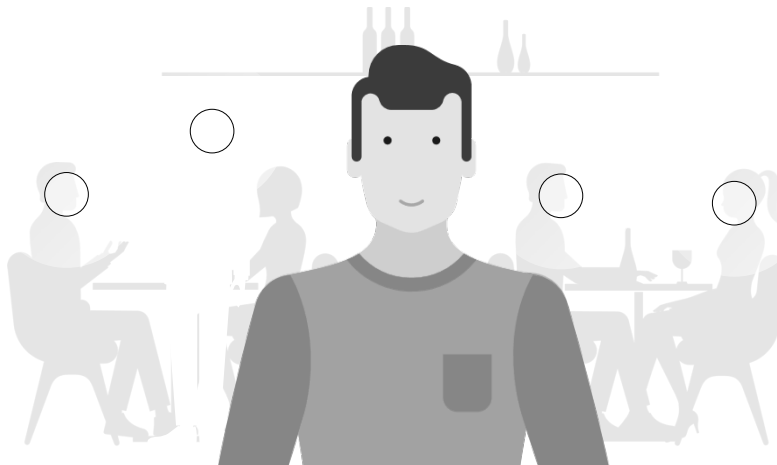
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## Marvel benefit in noise

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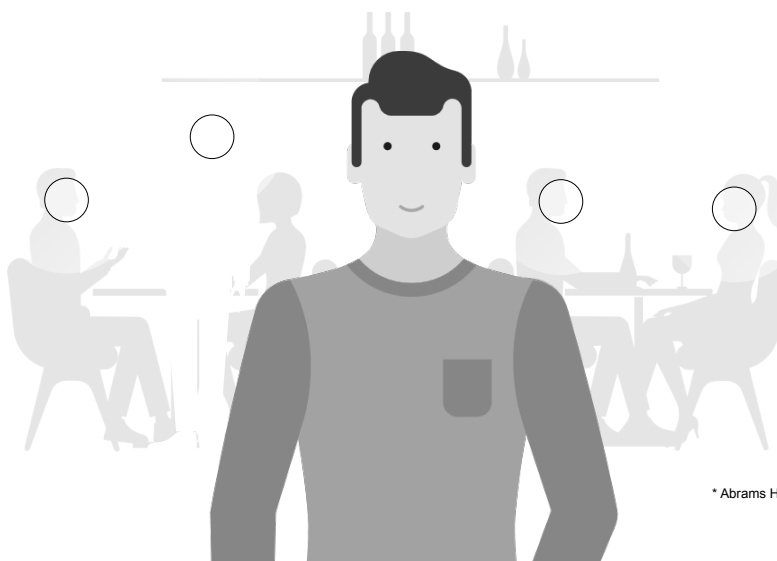


clients understand  
conversations better even  
in noisy environments.

Source: Taphuntsang, D. (2019). Market Research ID 1241. Please contact [marketinsight@phonak.com](mailto:marketinsight@phonak.com) if you are interested in further information.

## Client needs

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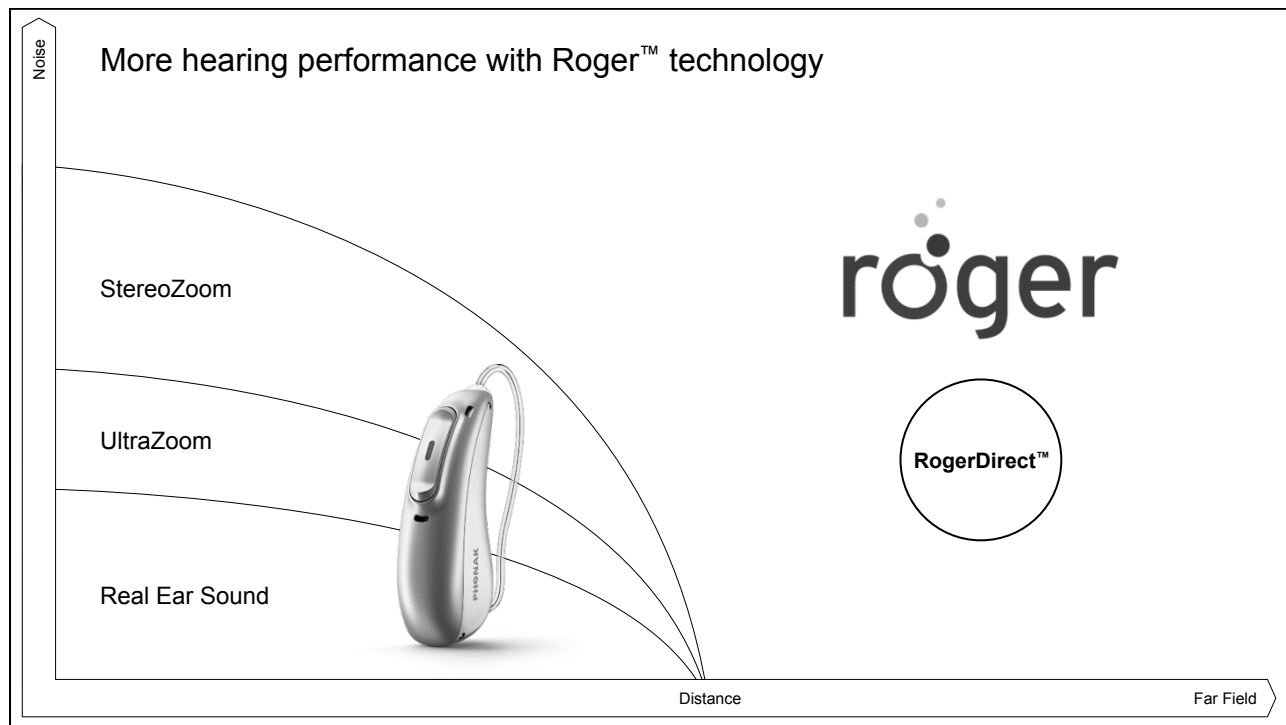


**31% of hearing aid  
wearers report  
they have challenges  
hearing in  
background noise\***

\* Abrams HB, Kihm J. An Introduction to MarkeTrak IX: A New Baseline for the Hearing Aid Market. Hearing Review. 2015;22(6):16.

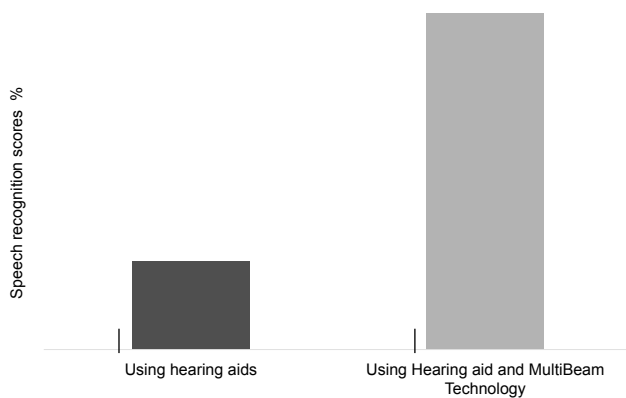
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Proven Roger performance:  
MultiBeam Technology compared to hearing aids alone

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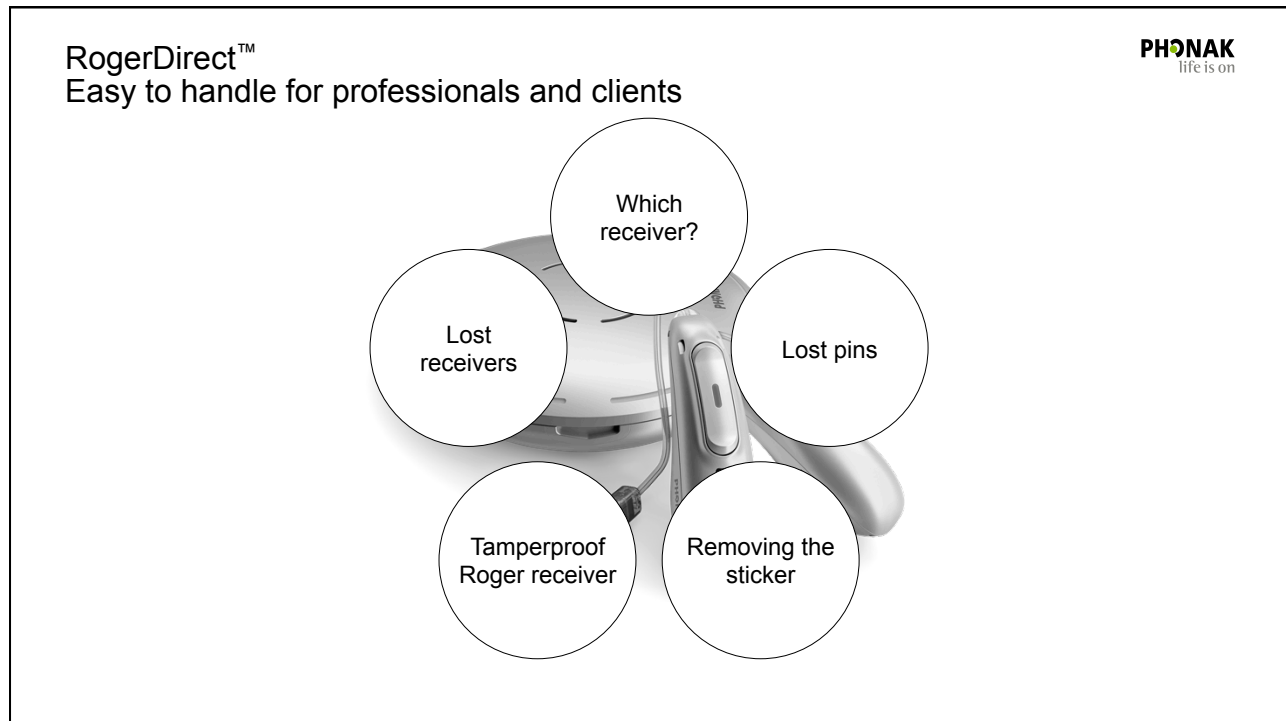
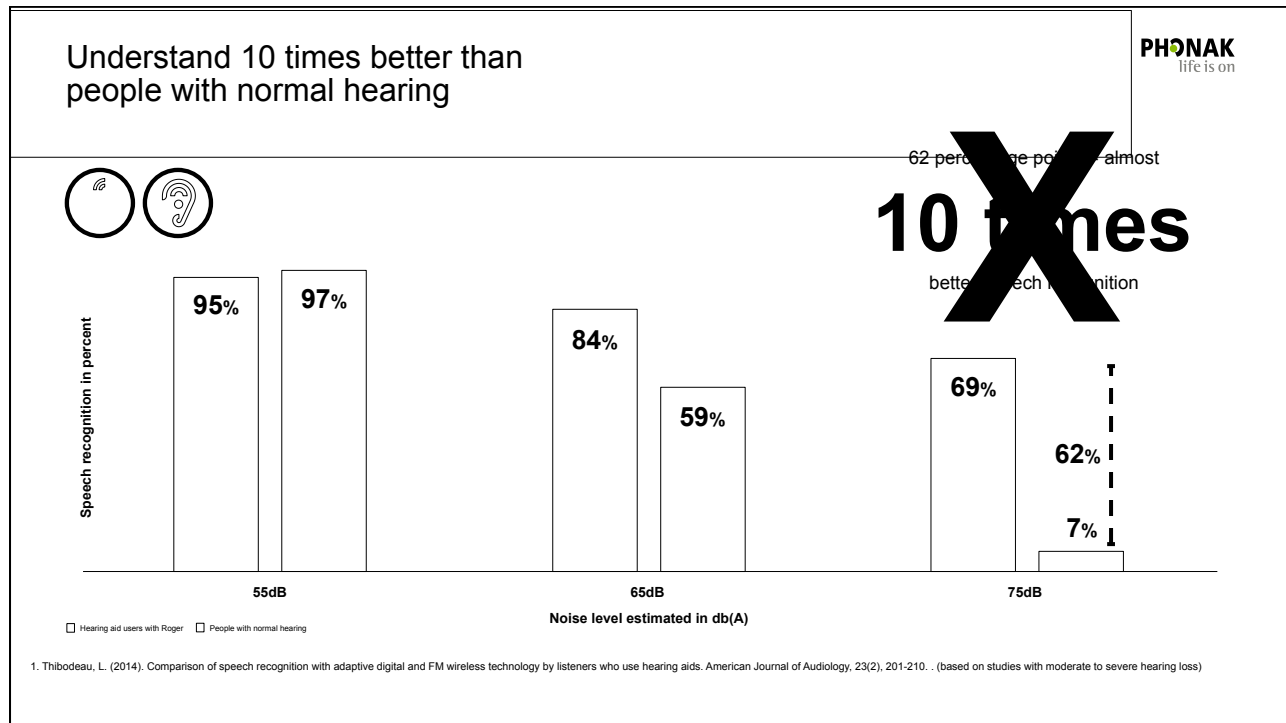


Improves speech  
understanding up to  
**61%**  
in group conversation

Thibodeau, L. & Anderson, S. (2019) Benefits in speech recognition in noise with wireless remote microphones in a simulated group setting for adults with hearing loss. Phonak Field Study News in preparation. Expected July 2019.

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## RogerDirect – easy access to even more hearing performance <sup>1</sup>

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Proven performance of Roger<sup>1</sup> streamed  
directly to Marvel

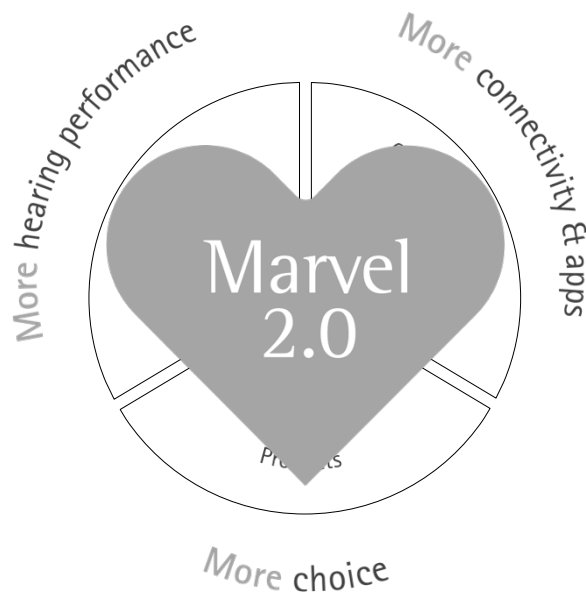
No externally attached receiver required

Reduced complexity for HCPs and a cosmetic  
solution for clients



<sup>1</sup> Thibodeau, L. (2014). Comparison of speech recognition with adaptive digital and FM wireless technology by listeners who use hearing aids. American Journal of Audiology, 23(2), 201-210. (based on studies with moderate to severe hearing loss)

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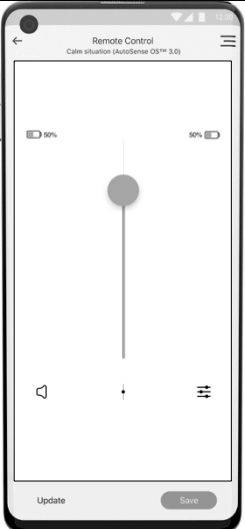
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myPhonak app with advanced functionalities

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Volume up and down

Program change

Environmental Balance

Bass and treble weighting


The strength of the noise canceller



Focus

**New**

**New**

**New**



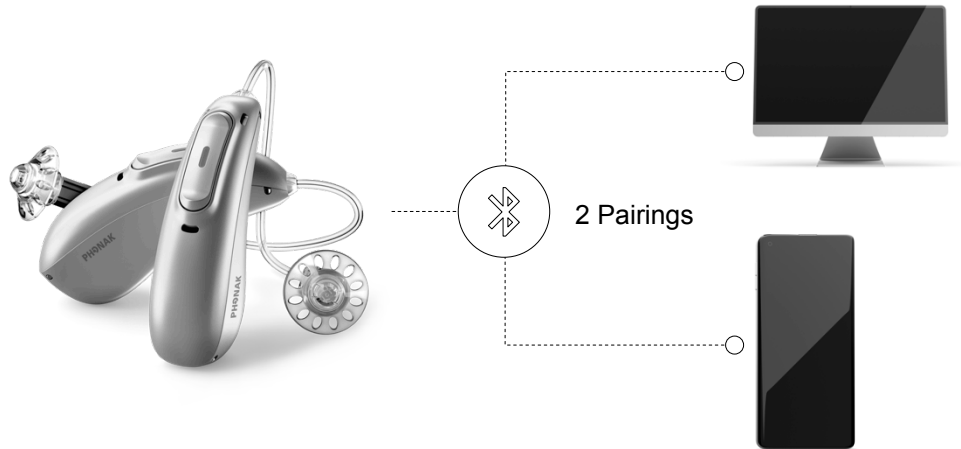
The only hearing aid offering hands-free calls from iOS™ and Android™

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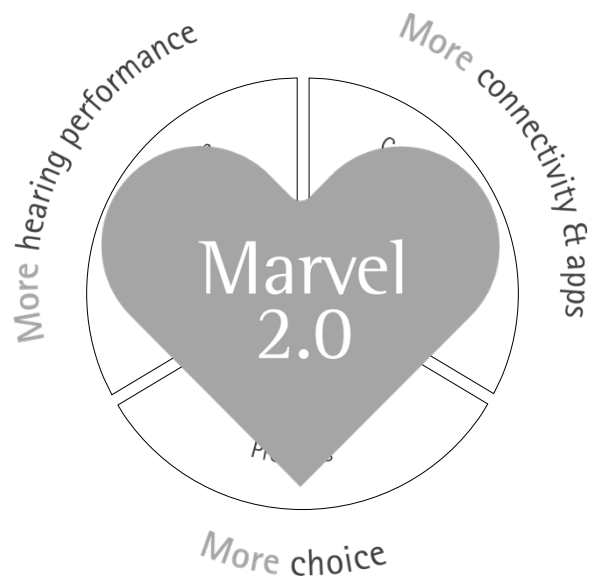
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## More Bluetooth® Classic connectivity

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## More choice

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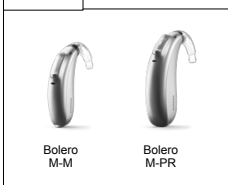
### Audéo RIC



### Roger



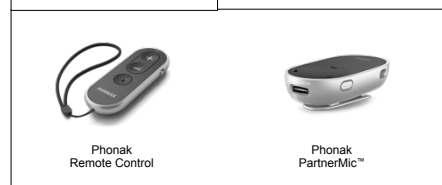
### Bolero



### Sky



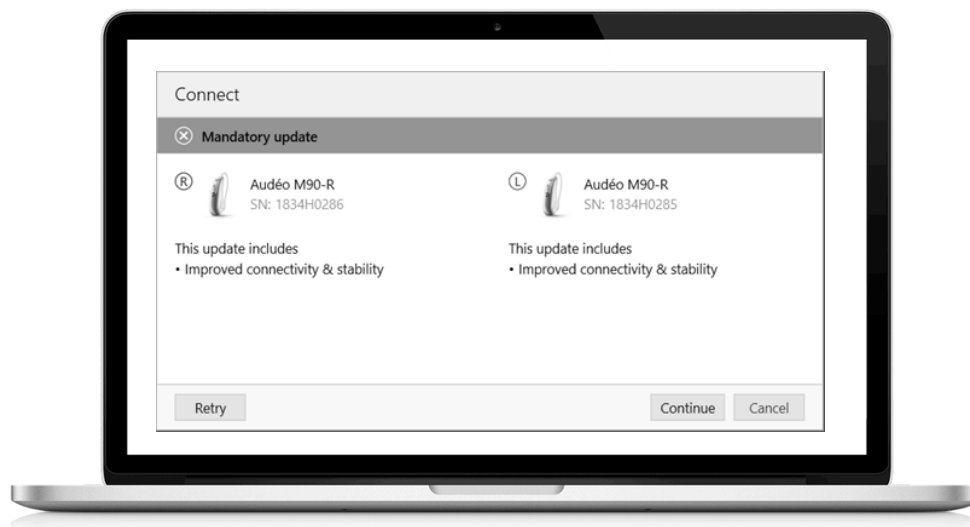
### Wireless Accessories



Source: Sales Dashboard April 2019, 3rd party sales

## Marvel 2.0 firmware update in Target 6.1

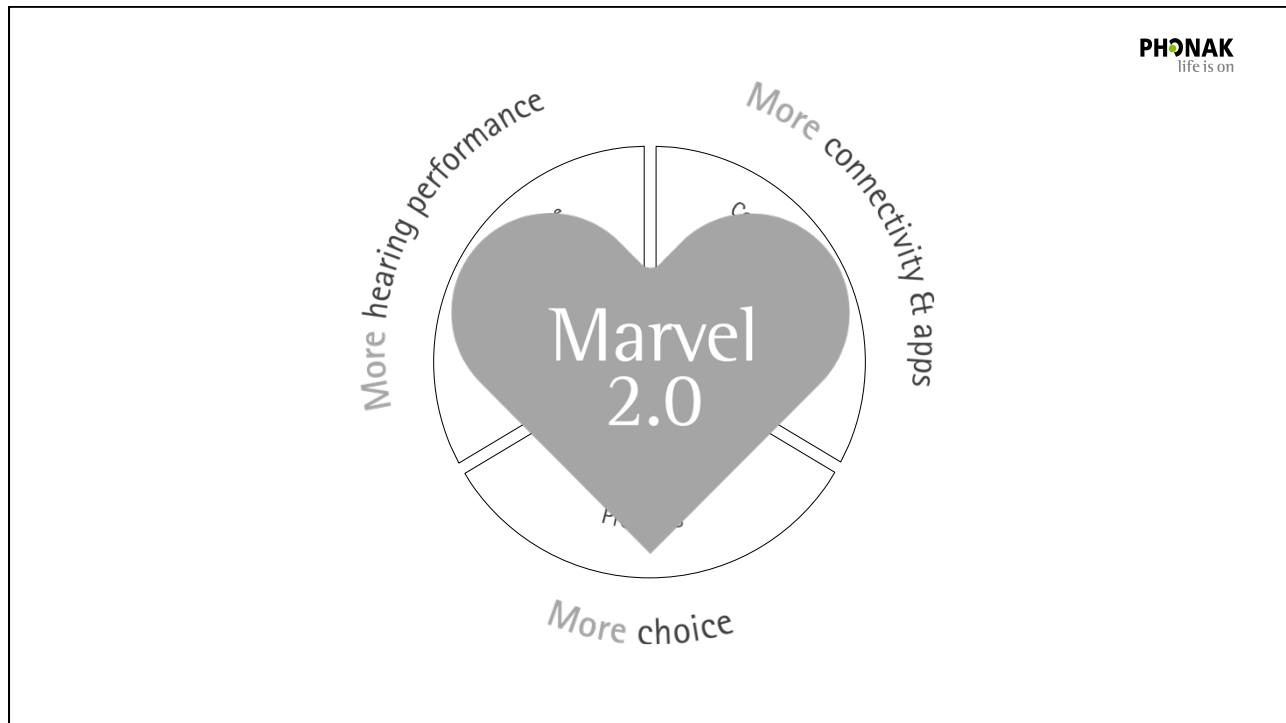
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Together,  
we change lives

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