

Product Catalog

Hearing Systems
& Accessories

2 — 2018





Welcome to the world of Audio Service.

Digital change is also in full swing in the hearing system market. At Audio Service, we are passionate about developing innovative hearing instruments that take full advantage of our fully connected world. Finally, we carry an inventive spirit in our DNA – and have done since the company was founded more than 40 years ago. As small pioneers in the custom model segment, we have continued to evolve into a **full-range manufacturer** through constant innovation.

All our **new developments** focus on one thing, and that's you and your customer! With the Occlumatic feature, for example, we have achieved a milestone in hearing system acceptance. Occlumatic lets the wearer's own voice sound more natural and less alienated, which significantly speeds up and simplifies the familiarization process with the hearing system.

But increasing digitization has more benefits than only the further development of good hearing. Connectivity is playing an increasingly important role for many consumers. Of course, it should also be possible to stream someone's favorite music or TV series to the hearing system. With the new **Mood Li-Ion G5**, we for the first time combine state-of-the-art battery technology and binaural data processing.

Your customers thus even have access to the Occlumatic feature while streaming, for example. Thanks to built-in lithium-ion battery technology with up to **19 hours of battery life**, these power-intensive processes are no problem.

Connectivity is also becoming increasingly common in the custom model segment. With the new Ida BT, media content can for the first time be played with a custom hearing system via Direct Audio Streaming or Smart Mic. But the Ida BT is not the only novelty in the custom model portfolio. Icon and Sina are now also available with the G5 technology platform. Worth an extra mention is the **Icon G5 Precise**. Our engineers have been able to reduce the thickness of the shell once more, thus making our smallest hearing system even smaller.

Our service team will be pleased to provide you with advice

Kind regards from Löhne,

Thomas Mettang
Managing Director



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Product Catalog

2–2018



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Mood Li-Ion G5:
the untiring all-rounder for
the highest demands.

G5

INNOVATIONS



The connective Mood Li-Ion G5 with lithium-ion battery.

Connected to the world, even for an extended period of time: the new Mood Li-Ion G5 combines the most advanced G5 technology with a very powerful lithium-ion battery. Modern features such as direct audio streaming combined with perfect adjustment to the listening situation and the freedom to never have to change batteries again.



Rixx & quiX now also with G5 sound quality

The Rixx and quiX hearing systems are now also available with G5 technology: the extended input dynamics of the two RIC models ensures the best sound quality.



Custom models for the first time equipped with G5 technology.

Ida BT G5, Icon Precise G5, Icon G5, and Sina G5 now combine the smallest possible design with innovative, modern features of the G5 technology generation. This not only provides a great experience in terms of sound quality, but also allows custom hearing system wearers to fully enjoy the benefits of wireless connectivity.

ALL AT A WHOLE NEW LEVEL.

INNOVATIONS

The new DUO Li-Ion G5

Universally applicable for a wide range of hearing losses, intelligently networked through direct audio streaming, particularly enduring thanks to lithium-ion technology: for customers who value comfort and ease-of-use, the new DUO Li-Ion G5 is a perfect behind-the-ear solution.



FROM FEBRUARY 2019

Audio Service

High standards by design

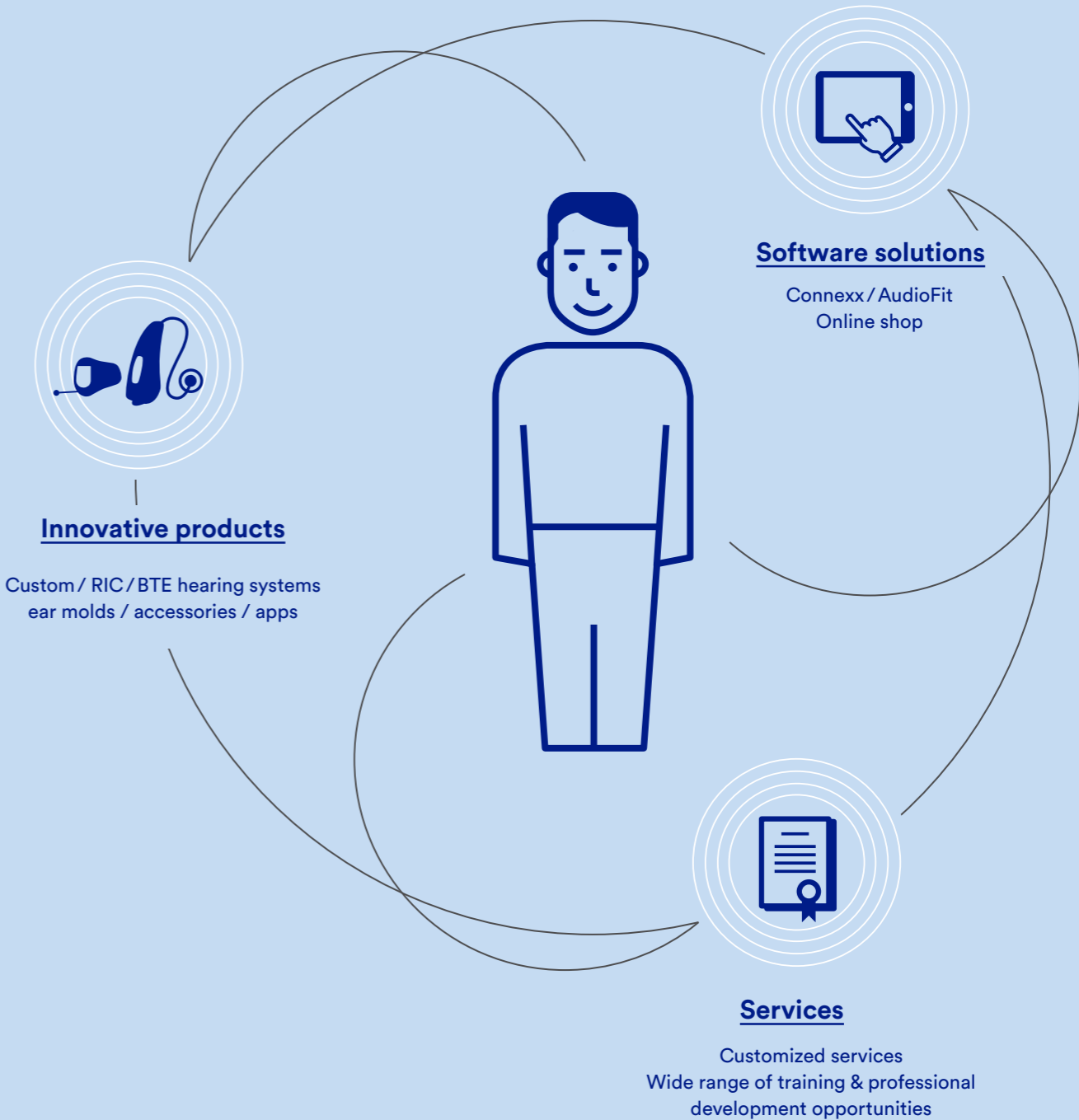
The Audio Service portfolio meets the most demanding standards. We supply high-performance, comfortable hearing systems, intuitive fitting software with a modern user interface and innovative accessories combined with individual, customer-oriented service and support.

Audio Service offers tailor-made and uncomplicated solutions for a **successful partnership**. You select the products and services that best meet your specific requirements and those of your customers from our portfolio. So by taking advantage of Audio Service's flexibility, you can be sure of satisfied customers. The package from Audio Service – developed and implemented by professionals for professionals with experience, expertise and passion.

Working in close partnership is deeply rooted in our corporate philosophy.



Audio Service offers you a perfectly coordinated complete package.



For further information,
visit www.audioservice.com

Audio Service Your strong partner



Competition is becoming increasingly fierce. More and more often the question arises, how can I make customers loyal to myself, or how do I manage to get new customers into my specialist store rather than into a competing one?

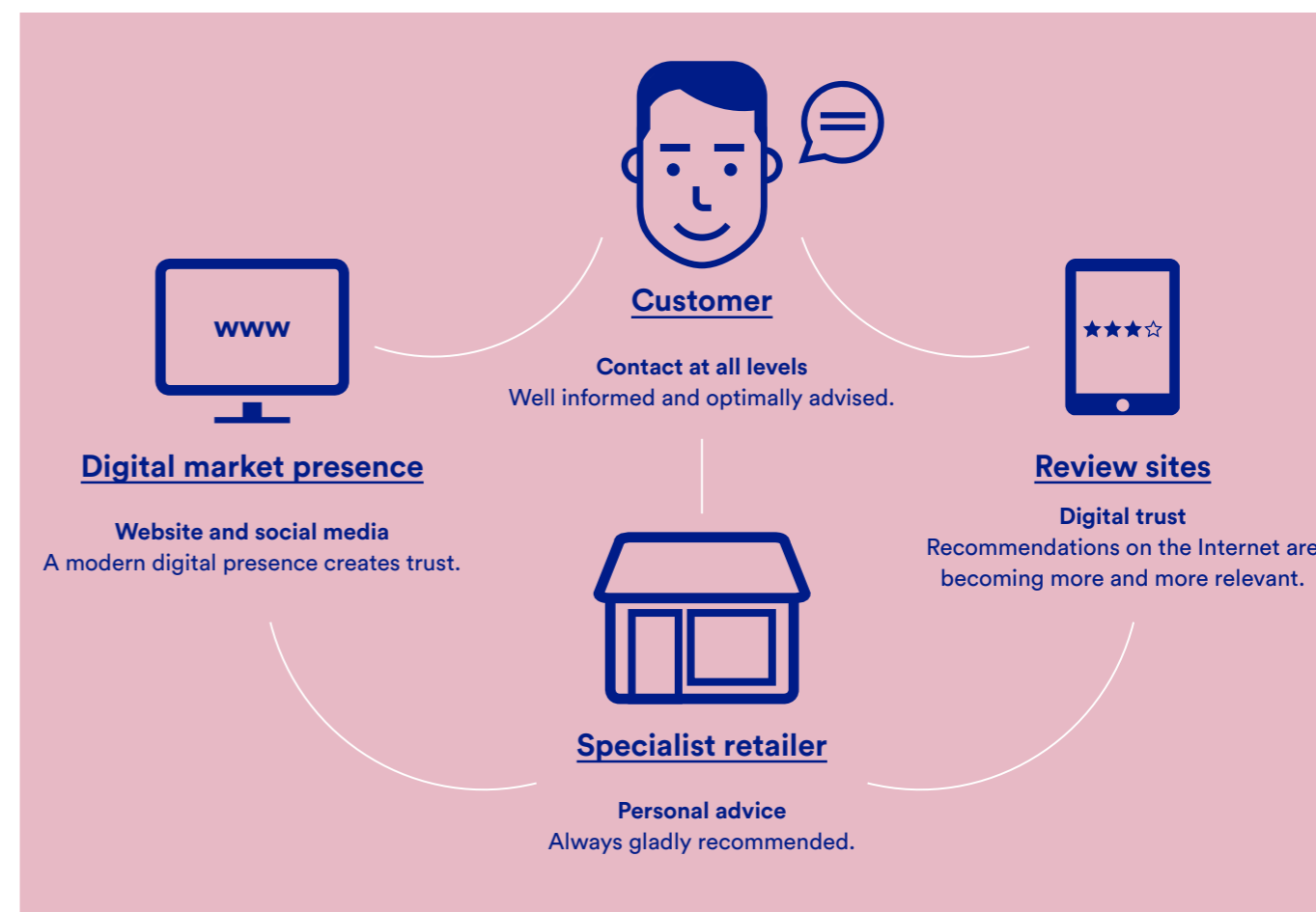
Let your customers' satisfaction work for you.

With Audio Service you have a strong partner at your side who will help you with these questions and in many other aspects. Take advantage of Audio Service's complete range of products and services, and find the best solution for your customers. Especially when advising on a custom hearing system, the customer quickly comes to realize that you are developing a 100% individual solution for them, thus strengthening customer loyalty enormously.

Furthermore, take advantage of our online training system. Our experts will give you useful tips and tricks not only on product-specific topics. Your employees are also welcome to participate in the training. This ensures that all employees have the same level of knowledge. If you have any specific questions, requirements or wishes, whether related to marketing, audiology or sales, Audio Service always has the right person to help you find the right solution for your needs.

When it comes to acquiring new customers, your existing regular customers are your strongest currency. Let your customers' satisfaction work for you. They like to assume the role of brand ambassador; sometimes this requires only a small incentive. A recommendation is still a powerful marketing tool.

Online visibility can also be a decisive success factor in new customer acquisition. Approach your customers systematically and ask them to rate your performance on review sites such as Google. A number of good reviews makes new customers trust in you before they even set foot in your specialty store.



“It is no longer enough to merely play the ‘good hearing’ card.”



Interview

The previous pages have already hinted at it: the hearing system market is changing. Now the obvious question is: what can these changes mean for your customers, or are perhaps even the needs of your customers changing? We would like to pursue this question and have asked the German Sales Manager and Head of Marketing for an interview.

Mr. Knauf, what do you make of the statement: “The world is changing = hearing system customers are changing”?

KNAUF In general, I would agree with this statement, but we should take a somewhat differentiated view of how our customers are changing. Sure, customer needs are changing in terms of comfort, usability and design. But one thing will never change: their desire for hassle-free, good hearing.

Mr. Eckernkemper, do you agree?

ECKERNKEMPER Yes, absolutely. What we are already noticing today is that, for example, customers place value on the connectivity of the hearing system. In the meantime, it has become a matter of course that I stream my music from my smartphone to the hearing system or to understand every word of my favorite TV series, even if my partner is talking on the phone next to me. The intelligent and rapid response of the hearing program to each specific everyday situation is another stage of development that is based on changing customer needs.

How can audiologists adapt to changing customer needs?

ECKERNKEMPER First of all, we should think about why customer needs are changing. One of the main reasons I see here is the growing target group of baby boomers, i.e. today's 50-65-year-olds. This target group is used to the fact that prosperity and comfort are steadily increasing, and has great purchasing power. They are familiar with working with digital media from their professional lives, and are correspondingly keen on online services. →

“Care-free packages could serve as a customer loyalty tool.”



Andreas Eckernkemper, Head of Marketing and Public Relations (left), and **Frank Knauf**, Head of Sales Germany (right)

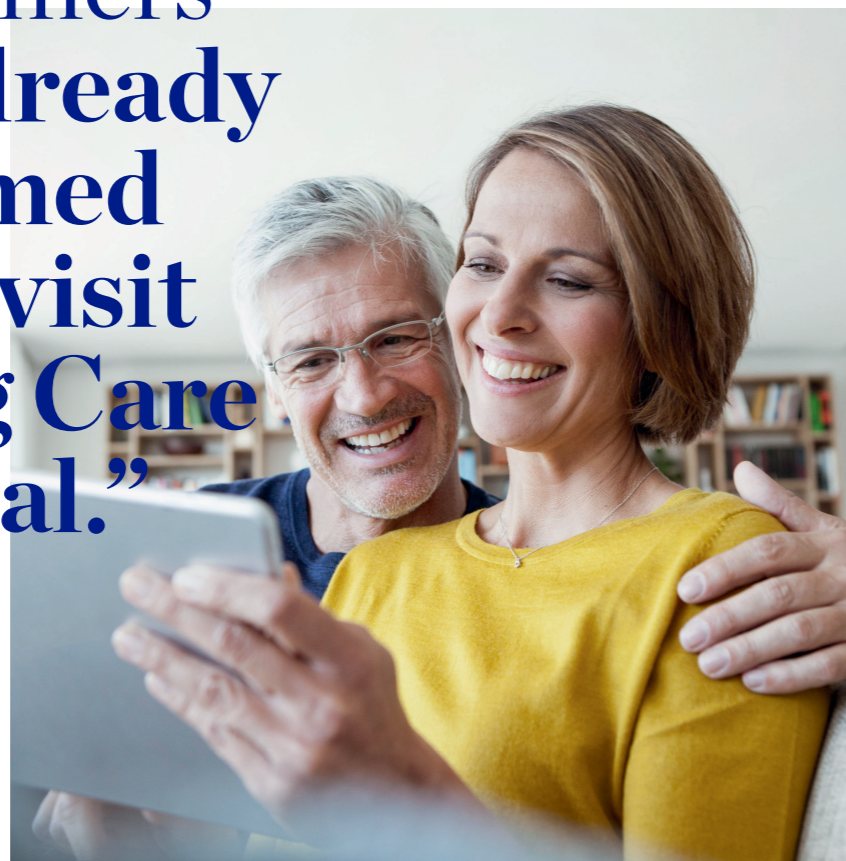
Interview

KNAUF And that is precisely what our customers should bear in mind. It is no longer enough to merely play the ‘good hearing’ card. Services around the hearing system will become more important. Care-free packages could serve as a customer loyalty tool. In addition, Hearing Care Professionals need to be prepared for the fact that customers are already well-informed when they visit a store and already have a clear idea of the features of the hearing system. They read up on the necessary information on the Internet and compare different Hearing Care Professionals in their vicinity.

What does that mean, especially for Hearing Care Professionals businesses? Is a brick-and-mortar store in a prime location no longer important?

ECKERNKEMPER A prime location is certainly still a good investment in the visibility and perception of the specialty store. But I believe a good location alone will no longer be enough. Visibility on the Internet is also a decisive factor for successfully positioning the offers and services of the Hearing Care Professionals.

“New customers today are already well-informed when they visit an Hearing Care Professional.”



“They are familiar with working with digital media from their professional lives.”

KNAUF But the Internet plays a role not only in terms of visibility. Sales processes can also complement each other well.

What are “supplementary sales processes”?

KNAUF Previously, the entire sales process took place exclusively in specialist stores. In the future, this process will be distributed more and more. Customer orientation plays a crucial role here. Starting from online appointments to after-sales support via telephone, video telephony, or chat. The chosen route is always the one that offers the greatest possible convenience to the customer. For example, our tune concept is based on this flexible approach.

What is the tune concept and what potential can arise from these flexible sales concepts?

KNAUF tune is a modern fitting and sales concept for all designs. tune gives Hearing Care Professionals the opportunity to have their customers test up to five Tech Levels with just one test system.

After a successful testing stage, the final settings are easily transferred to the sold hearing system. The offline programmability makes it possible to react flexibly to customer requirements.

Thank you
for this informative conversation.

THE FUTURE

Report



The initial question was: “What will the **hearing system of the future** look like?”

A

well-kept secret, which is usually discussed only behind closed doors. We asked our research and development department to open the door for us a little bit and take us on a journey into the future.

The initial question was: “what will the hearing system of the future look like?”, and there were a lot of different responses to it. One thing is clear – at the moment no one knows what will happen, but the discussion clearly shows what opportunities the future will bring.

Everyone agrees with the first statement by our development manager Michael Bulk: **the hearing system of the future will be even more interconnected.** Some colleagues believe that in the future voice commands ensure simple, intuitive operation and turn the hearing instrument into a kind of in-ear butler. →

The Audio Service experts respond to the question: what will the hearing system of the future look like?





“Useful background information on the respective building, district or monument would be automatically reproduced on the hearing system.”

Today, you can already transfer all the voice output from your smartphone to the hearing system. In foreign cities, for example, you can be guided by your smartphone's navigation system without having to look at the screen.

The topic of automatic information provision when entering stores or attractions was also discussed. **The ability to set up ‘geofences’**, which are virtually limited by GPS coordinates areas, could certainly enrich leisure activities such as city sightseeing tours. Useful background information on the respective building, district or monument would be automatically reproduced on the hearing system as soon as you approach the object in question or enter the general area. Such scenarios encourage our experts in R & D to believe **that a hearing system will be of interest to more people in the future.**

The idea of an invisible helper in the ear conjures up James Bond fantasies in many people and shows what opportunities will arise here for audiologists specifically.

The invisible helper requires an exact impression of the ear canal, which can only be done by the Hearing Care Professional. Our Head of Product Management, Patrick Breitenfeld, is confident that research and development will continue to focus on cosmetics over the next few years. **“Customer demand is still a cosmetically appealing solution”**, says the product manager. In terms of cosmetically appealing solutions, some colleagues have examples which show that research is already being carried out on novel materials and highly design-driven products.

Consistent and in-depth research on the improvement of hearing and sound experiences will also be seen as an area of focus over the coming years. Research on intelligent binaural algorithms, for instance, will continue. It is expected that sound experiences via binaural algorithms can be significantly improved once again.

The eyes of the software developers, in particular, lit up as the discussion moved towards artificial intelligence and data analysis. With the help of artificial intelligence and a large data base, automatic hearing systems would become better and better over time. Stefan Sudmeier, Head of Software Development, explains: “As a simplified example, imagine a hearing system wearer taking the train to work every morning. When disembarking from the train, he always manually turns down the volume of the hearing system, because the station hall seems too noisy after the very quiet train ride. In a data memory, the same behavior by many other hearing system users is detected and evaluated.

Thanks to artificial intelligence, **the hearing system learns the behavior and will automatically adjust the volume in the future.** This is one of many conceivable scenarios for the future. There is one more thing Michael Bulk is keen to mention: “Audio Service always focuses on customer benefits.” If the emerging technologies do not offer our customers any added value, we will not use them. **Our focus is on people, not technology.”**

“Thanks to artificial intelligence, the hearing system learns the behavior and will automatically adjust the volume in the future.”



At a glance

Hearing System Portfolio



As diverse as your customers' requirements – Our portfolio

CUSTOM

Small, inconspicuous, discreet and versatile

RIC

A new dimension in technology

BTE

The right hearing system for all forms of hearing loss

OUR PORTFOLIO



Icon



Sina



Vega



Ida



quiX



Rixx



Mood

Battery size	10	10	312	312	10 / 312	10	312
TL 16	<div><div></div>New</div>	<div><div></div>New</div>	<div><div></div></div>	<div><div></div>New</div>	<div><div></div>New</div>	<div><div></div>New</div>	<div><div></div><div></div></div>
TL 12	<div><div></div>New</div>	<div><div></div>New</div>	<div><div></div></div>	<div><div></div>New</div>	<div><div></div>New</div>	<div><div></div>New</div>	<div><div></div><div></div></div>
TL 8	<div><div></div>New</div>	<div><div></div>New</div>	<div><div></div></div>	<div><div></div>New</div>	<div><div></div>New</div>	<div><div></div>New</div>	<div><div></div><div></div></div>
TL 6	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
TL 4	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>
TL 3	<div><div></div></div>	<div><div></div></div>	<div><div></div></div>		<div><div></div></div>		
Basic					<div><div></div></div>		



Mood Li-Ion



Sun



Sun Li-Ion



XS



DUO



DUO Li-Ion



P



HP

Rechargeable battery	13	Rechargeable battery	312	13	Rechargeable battery	13	675
<div><div></div>New</div>	<div><div></div><div></div></div>	<div><div></div></div>		<div><div></div><div></div></div>	<div><div></div>New</div> <div>from 02/2019</div>	<div><div></div>New</div>	<div><div></div></div>
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OUR PORTFOLIO

CUSTOM

Custom hearing systems – An overview

Thanks to decades of experience, our custom model range impresses with innovative technology and miniature build.

With Ida BT G5, Audio Service's first *Bluetooth*®-enabled custom hearing system, we combine connectivity and other innovative G5 features in one hearing system.



Wireless
The Icon, Sina, Vega and Ida hearing systems in TL 4–16 are optionally available with wireless functionality and thus offer additional functions such as operation by remote control or audio streaming (G4).

Icon



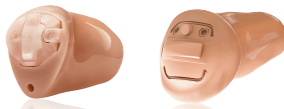
Sina



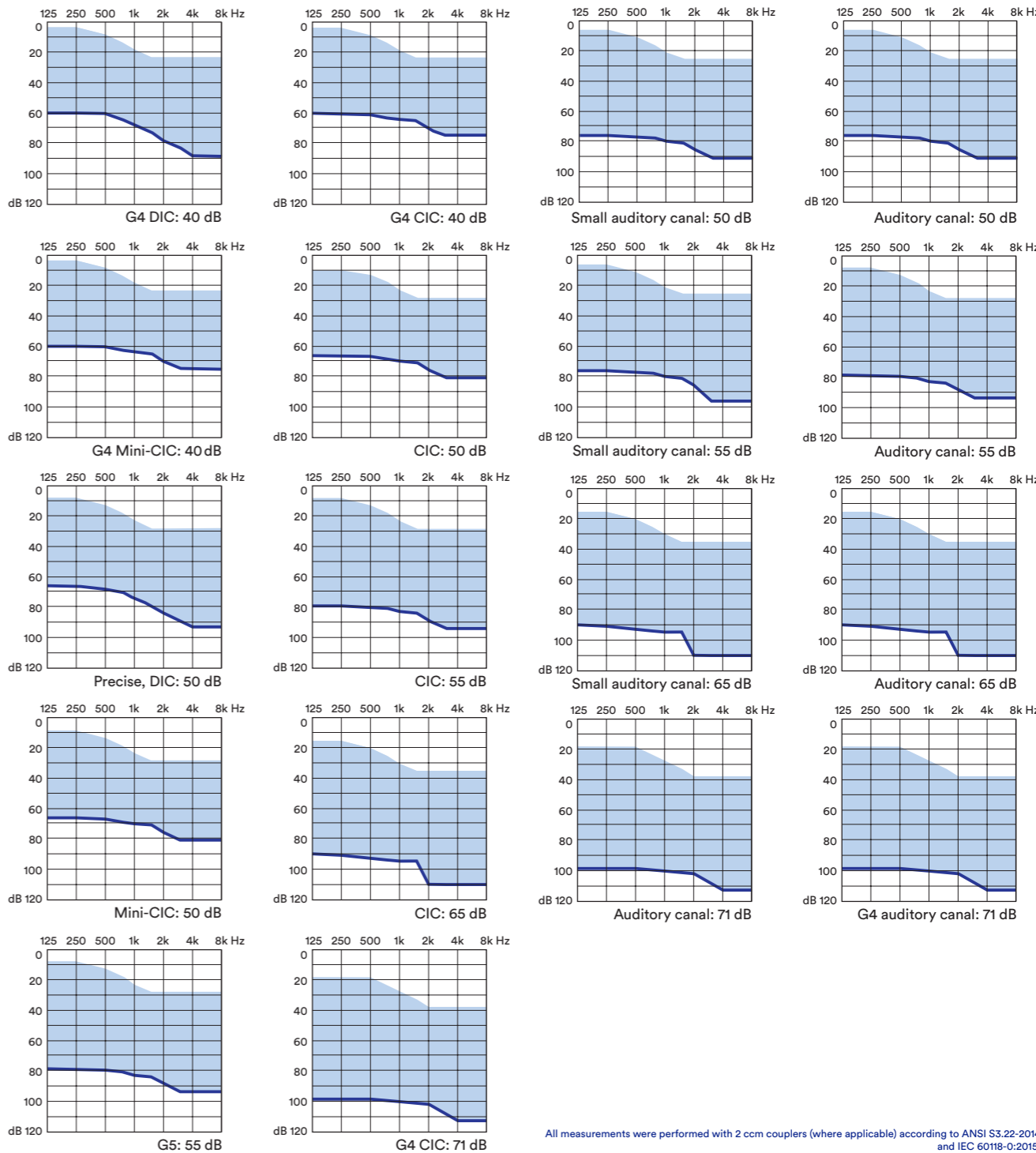
Vega



Ida



Battery size	10	10	312	312
Operation	Push button (G4 Mini-CIC)	Push button	Push button	Rocker switch / push button



The small
Icon G5/G4

Ultra-compact
design

The smallest custom model from Audio Service is the cosmetic solution for your customers who want the most discreet system possible. With the ultra-small Icon G5 Precise, you can clearly tell the difference thanks to the new smaller microphone and the thinner shell.

Special features

- › Up to FOG = 55 dB / OSPL = 118 dB
- › Custom-made
- › Style: DIC to Mini-CIC
- › Wireless functionality possible with Mini-CIC
- › NEW: Icon Precise – smallest possible design with smaller microphone and thinner shell

Accessories



Apps



Control option

- › Programmable push button for Icon Mini-CIC

Battery size

- › Size 10 battery

G5

Tech Level
16 | 12 | 8

G4

Tech Level
16 | 12 | 8 | 6 | 4 | 3



Colors														
	Skin	Brown ¹⁾³⁾	Red	Blue	White ⁶⁾	Black ⁶⁾⁴⁾	Clear	Citrus	Emerald	Orange	Purple	Mocha ²⁾	Beige ⁴⁾	Dark brown ⁴⁾
Housing:														
Faceplate:														

1) Standard faceplate in model without push button 2) Standard faceplate in Mini-CIC with push button 3) Standard housing 4) Only faceplate without push button 5) Only available in TL 16 6) Icon G5 Precise housing

Icon

G5

G4

Tech Level

	16	12	8	16	12	8	6	4	3
	New	New	New						

Technical features

Signal processing channels	48	34	34	40	32	24	16	16	12
Frequency channels	20	16	12	20	16	12	8	8	6
AGC channels	20	16	12	20	16	12	8	8	6
MPO channels	20	16	12	20	16	12	8	8	6
Hearing programs	6	6	6	6	6	6	4	4	4
– MusicSelect / Number of hearing programs	3	1	-	3	1	1	-	-	-
– EchoClear / Dereverberation	•	-	-	•	-	-	-	-	-
– 2earPhone	• ¹⁾	• ¹⁾	• ¹⁾	-	-	-	-	-	-
Telephone coil	-	-	-	-	-	-	-	-	-
Data Logging	•	•	•	•	•	•	•	•	•
Wireless									
– AudioLink	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	-	-	-
– Binaural synchronization	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	-
– Wireless audio streaming (Bluetooth® remote control)	-	-	-	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	-
– CROS / BiCROS	• ²⁾	• ²⁾	• ²⁾	• ²⁾	• ²⁾	• ²⁾	-	-	-

Automatic functions

Occlumatic	-	-	-	-	-	-	-	-	-
Comfort365	•	•	•	•	•	•	•	•	-
Intelligent Acclimatic	•	•	-	•	•	-	-	-	-
Acclimatic	-	-	•	-	-	•	•	•	-
Comformatic	•	•	•	•	•	•	-	-	-

Signal processing

Anti-Feedback system	•	•	•	•	•	•	•	•	•
Noise manager									
– Adaptive noise reduction	•	•	•	•	•	•	•	(On/off switch)	(On/off switch)
– Wiener filter	•	•	•	•	•	•	•	(On/off switch)	(On/off switch)
– Binaural wind noise reduction	-	-	-	-	-	-	-	-	-
– Adaptive wind noise reduction	•	•	•	•	•	•	•	-	-
– Impulse suppressor	•	•	•	•	•	•	•	-	-
– Auto-situation adaption	•	•	•	•	•	•	-	-	-
– Selectronic	-	-	-	-	-	-	-	-	-
AudioTronic 1 Mic	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	-	-	-	-	-
AudioTronic multi-microphone system									
– Panorama	-	-	-	-	-	-	-	-	-
– Directional static	-	-	-	-	-	-	-	-	-
– Automatic	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	-	-	-	-	-
– Adaptive	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	-	-	-	-	-
– AudioFocus 360	-	-	-	-	-	-	-	-	-
– Speech 360	-	-	-	-	-	-	-	-	-
– AudioDirSelect	-	-	-	-	-	-	-	-	-
– SpatialSpot	-	-	-	-	-	-	-	-	-
– AudioSpot	-	-	-	-	-	-	-	-	-
Frequency and dynamics concept									
– Extended dynamic range	•	•	•	-	-	-	-	-	-
– TRC S	•	•	•	•	•	•	•	•	•
– Selective frequency compression	•	•	•	•	•	•	•	•	-
– HiFi functionality / Sound Upgrade	•	•	-	•	•	-	-	-	-
– Volume setting dependent on environment	-	-	-	• ³⁾	-	-	-	-	-
Programmable tinnitus function	• ⁴⁾	• ⁴⁾	• ⁴⁾	•	•	•	•	-	-

Apps

Smart Direct app (incl. hearing environment profile)	-	-	-	-	-	-	-	-	-
Smart Connect app	-	-	-	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	-
Smart Remote app	•	•	•	•	•	•	•	•	•

• Standard feature • Option 1) Valid for Mini-CIC with wireless functionality 2) CROS quIX /CROS RIC and wireless functionality required 3) Only in wireless audio streaming mode 4) Tinnitus notch therapy support

The popular Sina G5/G4

Proven design, cutting-edge technology

The most popular custom design is now available with G5 technology. This hearing system provides a pleasant sound experience with excellent listening comfort and high amplification power.

Special features

- › Up to FOG = 71 dB / OSPL = 131 dB
- › Wireless functionality up to 65 dB possible
- › Semi-modular
- › Style: CIC

Accessories



Apps



Control option

- › Programmable push button

Battery size

- › Size 10 battery



Actual size



Tech Level
16 | 12 | 8



Tech Level
16 | 12 | 8 | 6 | 4 | 3

Colors

	Skin ¹⁾	Brown	Red	Blue	White ²⁾	Black ²⁾	Clear	Citrus	Emerald	Orange	Purple	Beauty
Housing:												
Faceplate:												

1) Standard 2) Only available in TL 16

Sina

G5

G4

Tech Level

16	12	8	16	12	8	6	4	3
New	New	New						

Technical features

Signal processing channels	48	34	34	40	32	24	16	16	12
Frequency channels	20	16	12	20	16	12	8	8	6
AGC channels	20	16	12	20	16	12	8	8	6
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Hearing programs	6	6	6	6	6	6	4	4	4
– MusicSelect / Number of hearing programs	3	1	-	3	1	1	-	-	-
– EchoClear / Dereverberation	•	-	-	•	-	-	-	-	-
– 2earPhone	• ¹⁾	• ¹⁾	• ¹⁾	-	-	-	-	-	-
Telephone coil	-	-	-	-	-	-	-	-	-
Data Logging	•	•	•	•	•	•	•	•	•
Wireless									
– AudioLink	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	-	-	-
– Binaural synchronization	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	-
– Wireless audio streaming (Bluetooth® remote control)	-	-	-	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	-
– CROS / BiCROS	• ²⁾	• ²⁾	• ²⁾	• ²⁾	• ²⁾	• ²⁾	-	-	-

Automatic functions

Occlumatic	-	-	-	-	-	-	-	-	-
Comfort365	•	•	•	•	•	•	•	•	-
Intelligent Acclimatic	•	•	-	•	•	-	-	-	-
Acclimatic	-	-	•	-	-	•	•	•	-
Comformatic	•	•	•	•	•	•	-	-	-

Signal processing

Anti-Feedback system	•	•	•	•	•	•	•	•	•
Noise manager									
– Adaptive noise reduction	•	•	•	•	•	•	•	(On/off switch)	(On/off switch)
– Wiener filter	•	•	•	•	•	•	•	(On/off switch)	(On/off switch)
– Binaural wind noise reduction	-	-	-	-	-	-	-	-	-
– Adaptive wind noise reduction	•	•	•	•	•	•	•	-	-
– Impulse suppressor	•	•	•	•	•	•	•	-	-
– Auto-situation adaption	•	•	•	•	•	•	-	-	-
– Selectronic	-	-	-	-	-	-	-	-	-
AudioTronic 1 Mic	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	-	-	-	-	-
AudioTronic multi-microphone system									
– Panorama	-	-	-	-	-	-	-	-	-
– Directional static	-	-	-	-	-	-	-	-	-
– Automatic	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	-	-	-	-	-
– Adaptive	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	-	-	-	-	-
– AudioFocus 360	-	-	-	-	-	-	-	-	-
– Speech 360	-	-	-	-	-	-	-	-	-
– AudioDirSelect	-	-	-	-	-	-	-	-	-
– SpatialSpot	-	-	-	-	-	-	-	-	-
– AudioSpot	-	-	-	-	-	-	-	-	-
Frequency and dynamics concept									
– Extended dynamic range	•	•	•	-	-	-	-	-	-
– TRC S	•	•	•	•	•	•	•	•	•
– Selective frequency compression	•	•	•	•	•	•	•	•	-
– HiFi functionality / Sound Upgrade	•	•	-	•	•	-	-	-	-
– Volume setting dependent on environment	-	-	-	• ³⁾	-	-	-	-	-
Programmable tinnitus function	• ⁴⁾	• ⁴⁾	• ⁴⁾	•	•	•	•	-	-

Apps

Smart Direct app (incl. hearing environment profile)	-	-	-	-	-	-	-	-	-
Smart Connect app	-	-	-	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	-
Smart Remote app	•	•	•	•	•	•	•	•	•

• Standard feature • Option 1) Valid for models with wireless functionality 2) CROS quiX /CROS RIC and wireless functionality required 3) Only in wireless audio streaming mode 4) Tinnitus notch therapy support

The variable Vega G4

Modern and comfortable

The high-performance model with programmable push button.

Special features

- › Vega G4: up to FOG = 71 dB / OSPL = 131 dB
- › Wireless functionality up to 65 dB possible
- › Semi-modular
- › Style: auditory canal

Accessories



Apps



Control option

- › Programmable push button

Battery size

- › Size 312 battery



Actual size



Tech Level
16 | 12 | 8 | 6 | 4 | 3

Colors

	Skin ¹⁾	Red	Blue	White ²⁾	Black ²⁾	Clear	Citrus	Emerald	Orange	Purple	Beauty
Housing:											
Faceplate:											

1) Standard 2) Only available in TL 16

Vega

G4

Tech Level

Technical features

	16	12	8	6	4	3
Signal processing channels	40	32	24	16	16	12
Frequency channels	20	16	12	8	8	6
AGC channels	20	16	12	8	8	6
MPO channels	20	16	12	8	8	6
Hearing programs	6	6	6	4	4	4
– MusicSelect / Number of hearing programs	3	1	1	-	-	-
– EchoClear / Dereverberation	•	-	-	-	-	-
– 2earPhone	-	-	-	-	-	-
Telephone coil	-	-	-	-	-	-
Data Logging	•	•	•	•	•	•
Wireless						
– AudioLink	• ¹⁾	• ¹⁾	• ¹⁾	-	-	-
– Binaural synchronization	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	-
– Wireless audio streaming (Bluetooth® remote control)	○ ¹⁾	○ ¹⁾	○ ¹⁾	○ ¹⁾	○ ¹⁾	-
– CROS / BiCROS	○ ²⁾	○ ²⁾	○ ²⁾	-	-	-

Automatic functions

Comfort365	•	•	•	•	•	-
Intelligent Acclimatic	•	•	-	-	-	-
Acclimatic	-	-	•	•	•	-
Comformatic	•	•	•	-	-	-

Signal processing

Anti-Feedback system	•	•	•	•	•	•
Noise manager						
– Adaptive noise reduction	•	•	•	•	(On/off switch)	(On/off switch)
– Wiener filter	•	•	•	•	(On/off switch)	(On/off switch)
– Binaural wind noise reduction	-	-	-	-	-	-
– Adaptive wind noise reduction	•	•	•	•	-	-
– Impulse suppressor	•	•	•	•	-	-
– Auto-situation adaption	•	•	•	-	-	-
– Selectronic	-	-	-	-	-	-
AudioTronic 1 Mic	• ¹⁾	-	-	-	-	-
AudioTronic multi-microphone system						
– Panorama	-	-	-	-	-	-
– Directional static	-	-	-	-	-	-
– Automatic	• ¹⁾	-	-	-	-	-
– Adaptive	• ¹⁾	-	-	-	-	-
– AudioFocus 360	-	-	-	-	-	-
– Speech 360	-	-	-	-	-	-
– AudioDirSelect	-	-	-	-	-	-
– AudioSpot	-	-	-	-	-	-
Frequency and dynamics concept						
– TRC S	•	•	•	•	•	•
– Selective frequency compression	•	•	•	•	•	-
– HiFi functionality / Sound Upgrade	•	•	-	-	-	-
– Volume setting dependent on environment	• ³⁾	-	-	-	-	-
Programmable tinnitus function	•	•	•	•	-	-

Apps

Smart Connect app	○ ¹⁾	○ ¹⁾	○ ¹⁾	○ ¹⁾	○ ¹⁾	-
Smart Remote app	○	○	○	○	○	○

• Standard feature ○ Option 1) Valid for models with wireless functionality 2) CROS RIC and wireless functionality required 3) Only in wireless audio streaming mode

The versatile
Ida BT G5/Ida G4

Revolutionary and
functional

The Ida BT G5 is the first Audio Service custom hearing system with direct audio streaming technology via Bluetooth and standard wireless functionality. This makes the hearing system a universally networked in-ear communication center.

Special features

- › Ida: up to FOG = 71 dB / OSPL = 131 dB
- › Wireless functionality up to 65 dB possible
- › Style: auditory canal to half-concha
- › 2-mic custom model
- › Ida BT G5: Direct audio streaming via *Bluetooth®*
- › Ida G4: audio streaming

Accessories



Apps



Control option

- › Program push button (Ida BT G5)
- › Programmable rocker switch (Ida G4)

Battery size

- › Size 312 battery

Custom model – Ida



Ida BT G5



Ida G4

Actual size



Colors

	Skin ¹⁾	Brown ¹⁾	Red	Blue	White ¹⁾	Black ²⁾	Clear	Citrus	Emerald	Orange	Purple	Beige ³⁾ 4)	Dark brown ⁵⁾	Beauty ⁶⁾
Housing:														
Faceplate:														

1) Standard housing and standard faceplate in G4 2) Only available in TL 16 3) Standard in G5 4) Only in G4 5) Faceplate only in G5

Ida

BT G5 G4

Tech Level

Technical features

	16	12	8	16	12	8	6	4
	New	New	New					
Signal processing channels	48	34	34	40	32	24	16	16
Frequency channels	20	16	12	20	16	12	8	8
AGC channels	20	16	12	20	16	12	8	8
MPO channels	20	16	12	20	16	12	8	8
Hearing programs	6	6	6	6	6	6	4	4
– MusicSelect / Number of hearing programs	3	1	-	3	1	1	-	-
– EchoClear / Dereverberation	•	-	-	•	-	-	-	-
– 2earPhone	•	•	•	• ¹⁾	• ¹⁾	• ¹⁾	-	-
Telephone coil	-	-	-	-	-	-	-	-
Data Logging	•	•	•	•	•	•	•	•
Wireless								
– AudioLink	•	•	•	• ¹⁾	• ¹⁾	• ¹⁾	-	-
– Binaural synchronization	•	•	•	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾
– Direct audio streaming iPhone (Android ¹⁾)	•	•	•	-	-	-	-	-
– Wireless audio streaming (<i>Bluetooth®</i> remote control)	-	-	-	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾
– CROS / BiCROS	• ²⁾	• ²⁾	• ²⁾	• ²⁾	• ²⁾	• ²⁾	-	-

Automatic functions

Occlumatic	-	-	-	-	-	-	-	-
Comfort365	•	•	•	•	•	•	•	•
Intelligent Acclimatic	•	•	-	•	•	-	-	-
Acclimatic	-	-	•	-	-	•	•	•
Comformatic	•	•	•	•	•	•	-	-

Signal processing

Anti-Feedback system	•	•	•	•	•	•	•	•
Noise manager								
– Adaptive noise reduction	•	•	•	•	•	•	•	• ¹⁾ (On/off switch)
– Wiener filter	•	•	•	•	•	•	•	• ¹⁾ (On/off switch)
– Binaural wind noise reduction	■ ■	■	-	■ ■ ¹⁾	■ ¹⁾	-	-	-
– Adaptive wind noise reduction	-	-	•	-	-	•	•	-
– Impulse suppressor	•	•	•	•	•	•	•	-
– Auto-situation adaption	•	•	•	•	•	•	-	-
– MotionSense	•	• ²⁾	-	-	-	-	-	-
– Selectronic	•	•	-	•	•	-	-	-
AudioTronic 1 Mic	-	-	-	-	-	-	-	-
AudioTronic multi-microphone system								
– Panorama	-	-	-	-	-	-	-	-
– Directional static	•	•	•	•	•	•	•	•
– Automatic	•	•	•	•	•	•	•	•
– Adaptive	•	•	•	•	•	•	•	-
– AudioFocus 360	•	-	-	•	-	-	-	-
– Speech 360	-	•	-	-	•	-	-	-
– AudioDirSelect	•	•	-	•	•	-	-	-
– SpatialSpot	•	-	-	-	-	-	-	-
– AudioSpot	-	■ ■	■	■ ■ ■	■ ■	■	-	-
Frequency and dynamics concept								
– Extended dynamic range	•	•	•	-	-	-	-	-
– TRC S	•	•	•	•	•	•	•	•
– Selective frequency compression	•	•	•	•	•	•	•	•
– HiFi functionality / Sound Upgrade	•	-	-	•	•	-	-	-
– Volume setting dependent on environment	• ³⁾	• ³⁾	• ³⁾	• ³⁾	-	-	-	-
Programmable tinnitus function	• ⁴⁾	• ⁴⁾	• ⁴⁾	•	•	•	•	-

Apps

Smart Direct app (incl. hearing environment profile)	•	•	•	-	-	-	-	-
Smart Connect app	-	-	-	• ¹⁾	• ¹⁾	• ¹⁾	• ¹⁾	-
Smart Remote app	-	-	-	•	•	•	•	•

• Standard feature • Option ■ Level of intensity 1) In connection with accessory Smart Mic 2) CROS RIC and wireless functionality required 3) Only in audio streaming mode 4) Tinnitus notch therapy support

Custom model – Ida

RIC

RIC systems – An overview

RIC models offer all of the advantages of the external receiver combined with sophisticated signal processing. A wide range of accessories and operation with apps round out the portfolio.

In Mood and Sun, the new G5 generation also offers Direct Audio Streaming, Occlumatic and wireless programming via NoahLink Wireless, among others.

All G5 and G4 RIC hearing systems (except quiX) are at least IP67-certified.

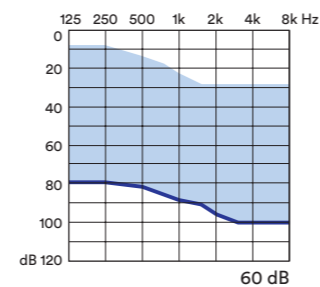
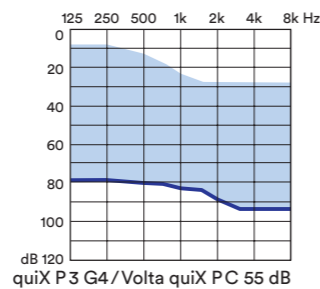
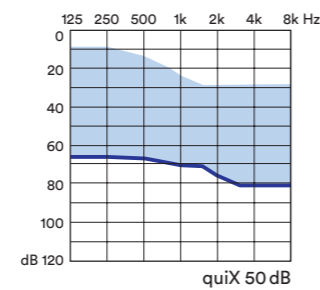


The new Mood Li-Ion boasts a unique combination of streaming, state-of-the-art Li-Ion battery technology and Occlumatic.

quiX



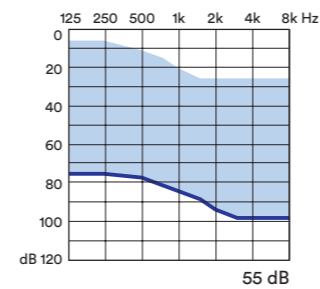
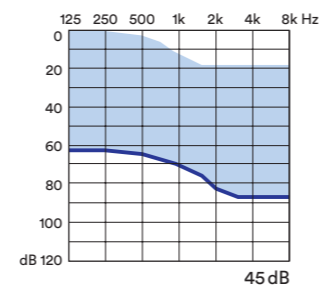
Battery size 10 / 312



Rixx



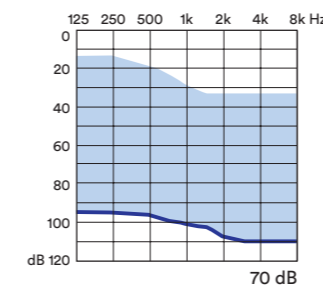
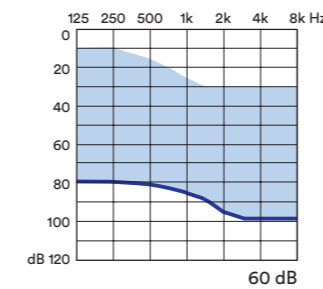
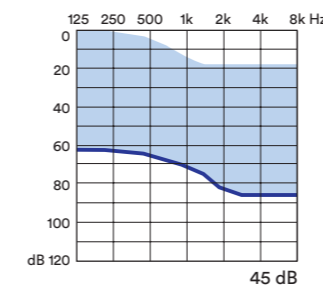
10



Mood



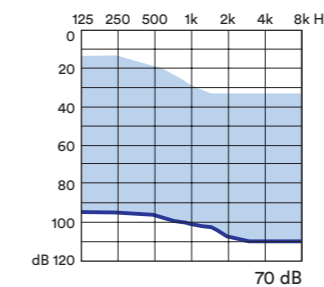
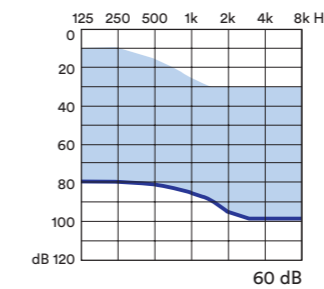
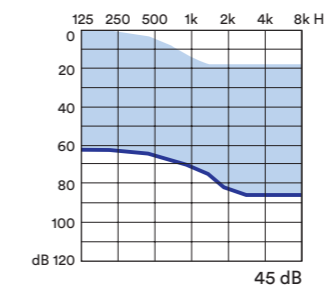
312 / rechargeable battery



Mood Li-Ion



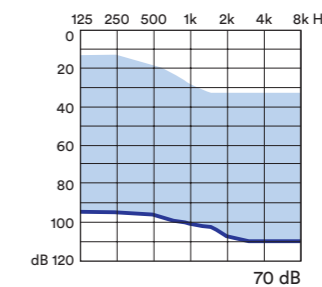
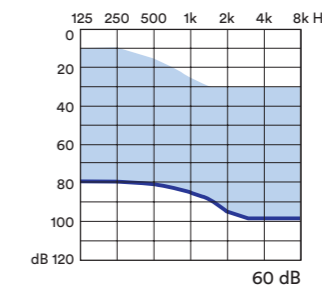
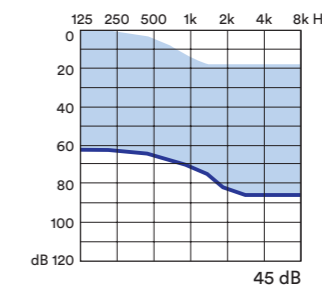
Rechargeable battery (Li-Ion)



Sun



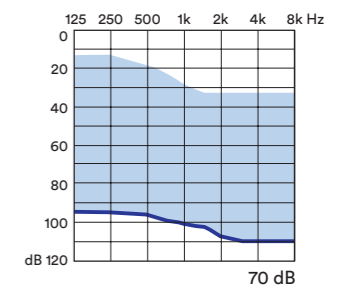
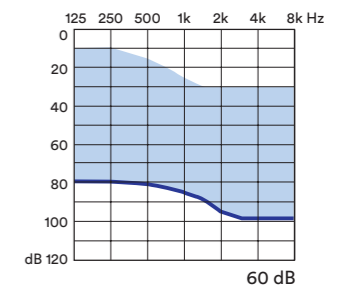
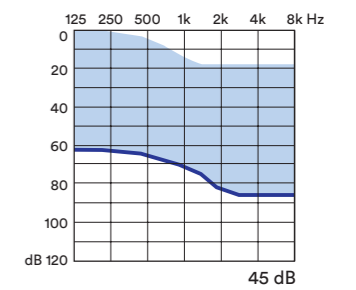
13 / rechargeable battery



Sun Li-Ion



Rechargeable battery (Li-Ion)



All measurements were performed with 2 ccm couplers (where applicable) according to ANSI S3.22-2014 and IEC 60118-0:2015.

The incomparable quiX G5

The G5 alternative to the RIC for instant fitting

The quiX G5 is not only equipped with the G5 technology, but is also smaller than its predecessor. The standard wireless feature creates relaxed listening experiences.

Special features

- › Up to FOG = 50 dB / OSPL = 113 dB
- › New: smaller design
- › Wireless as standard
- › Instant fitting, but as small as a custom model

Accessories



Apps



Control option

- › Fully automatic

Battery size

- › Size 10 battery



Tech Level
16 | 12 | 8

quiX

G5

Tech Level

16	12	8
New	New	New

Technical features

Signal processing channels	48	34	34
Frequency channels	20	16	12
AGC channels	20	16	12
MPO channels	20	16	12
Hearing programs	6	6	6
– MusicSelect / Number of hearing programs	3	1	-
– EchoClear / Dereverberation	•	-	-
– 2earPhone	•	•	•
Telephone coil	-	-	-
Data Logging	•	•	•
Wireless			
– AudioLink	•	•	•
– Binaural synchronization	•	•	•
– Wireless audio streaming	-	-	-
– CROS / BiCROS	○ ¹⁾	○ ¹⁾	○ ¹⁾

Automatic functions

Occlumatic	-	-	-
Comfort365	•	•	•
Intelligent Acclimatic	•	•	-
Acclimatic	-	-	•
Comformatic	•	•	•

Signal processing

Anti-Feedback system	•	•	•
Noise manager			
– Adaptive noise reduction	•	•	•
– Wiener filter	•	•	•
– Binaural wind noise reduction	-	-	-
– Adaptive wind noise reduction	•	•	•
– Impulse suppressor	•	•	•
– Auto-situation adaption	•	•	•
– MotionSense	-	-	-
– Selectronic	-	-	-
AudioTronic multi-microphone system (AudioTronic 1 Mic)	•	•	•
– Panorama	-	-	-
– Directional static	-	-	-
– Automatic	•	•	•
– Adaptive	•	•	•
– AudioFocus 360	-	-	-
– Speech 360	-	-	-
– AudioDirSelect	-	-	-
– SpatialSpot	-	-	-
– AudioSpot	-	-	-
Frequency and dynamics concept			
– Extended dynamic range	•	•	•
– TRC S	•	•	•
– Selective frequency compression	•	•	•
– HiFi functionality / Sound Upgrade	•	-	-
– Volume setting dependent on environment	-	-	-
Programmable tinnitus function	• ²⁾	• ²⁾	• ²⁾

Apps

Smart Direct app (incl. hearing environment profile)	-	-	-
Smart Connect app	-	-	-
Smart Remote app	○	○	○

• Standard feature ○ Option 1) CROS quiX G5 required 2) Tinnitus notch therapy support

RIC – QUIX G5



quiX G5

Actual size



Colors

Red Blue Mocha Black

Housing:

Faceplate:

RIC – QUIX G5

The straightforward quiX G4

The G4 alternative to the RIC
for instant fitting

The shape of the quiX housing follows the natural auditory canal geometry and ends in the Clic Ball, the secure click connection between the quiX and dome, Click Sleeve, or quiX MOULD. It is the ideal alternative to a RIC hearing system.

Special features

- › quiX G4: up to FOG = 50 dB / OSPL = 113 dB
- › quiX P 3 / quiX Volta P C: up to FOG = 55 dB / OSPL = 116 dB
- › Standard wireless (TL 4–16)
- › Programming with Flex-Connect

Accessories



Apps



Control option

- › Fully automatic (TL 3 – 16)
- › Program button (P 3/Basic)

Battery size

- › Size 10 battery (TL 3–16)
- › Size 312 battery (P 3/Basic)



Tech Level
16 | 12 | 8 | 6 | 4 | 3
Basic



quiX G4 (TL 4–16)



quiX 3 G4 /
Volta quiX C



quiX P 3 G4
Volta quiX P C

Actual size



Colors	quiX G4 (TL 4–16)			quiX 3 G4 / quiX P 3 G4 / Volta quiX P C	
	Red	Blue	Mocha	Beige	Mocha
Housing:					
Faceplate:					

quiX

G4

Tech Level

Technical features

	16	12	8	6	4	3	P 3	Basic ³⁾
Signal processing channels	40	32	24	16	16	12	12	8
Frequency channels	20	16	12	8	8	6	6	4
AGC channels	20	16	12	8	8	6	6	4
MPO channels	20	16	12	8	8	6	6	4
Hearing programs	6	6	6	4	4	4	4	4
– MusicSelect / Number of hearing programs	3	1	1	–	–	–	–	–
– EchoClear / Dereverberation	•	–	–	–	–	–	–	–
– 2earPhone	–	–	–	–	–	–	–	–
Telephone coil	–	–	–	–	–	–	–	–
Data Logging	•	•	•	•	•	•	•	•
Wireless								
– AudioLink	•	•	•	–	–	–	–	–
– Binaural synchronization	•	•	•	•	•	–	–	–
– Wireless audio streaming (Bluetooth® remote control)	○	○	○	○	○	–	–	–
– CROS / BiCROS	○ ¹⁾	○ ¹⁾	○ ¹⁾	–	–	–	–	–

Automatic functions

Comfort365	•	•	•	•	•	–	–	–
Intelligent Acclimatic	•	•	–	–	–	–	–	–
Acclimatic	–	–	•	•	•	–	–	–
Comformatic	•	•	•	–	–	–	–	–

Signal processing

Anti-Feedback system	•	•	•	•	•	•	•	•
Noise manager								
– Adaptive noise reduction	•	•	•	•	(On/off switch)	(On/off switch)	(On/off switch)	(On/off switch)
– Wiener filter	•	•	•	•	(On/off switch)	(On/off switch)	(On/off switch)	–
– Binaural wind noise reduction	–	–	–	–	–	–	–	–
– Adaptive wind noise reduction	•	•	•	•	–	–	–	–
– Impulse suppressor	•	•	•	•	–	–	–	–
– Auto-situation adaption	•	•	•	–	–	–	–	–
– Selectronic	–	–	–	–	–	–	–	–
AudioTronic 1 Mic	•	–	–	–	–	–	–	–
AudioTronic multi-microphone system								
– Panorama	–	–	–	–	–	–	–	–
– Directional static	–	–	–	–	–	–	–	–
– Automatic	•	–	–	–	–	–	–	–
– Adaptive	•	–	–	–	–	–	–	–
– AudioFocus 360	–	–	–	–	–	–	–	–
– Speech 360	–	–	–	–	–	–	–	–
– AudioDirSelect	–	–	–	–	–	–	–	–
– AudioSpot	–	–	–	–	–	–	–	–
Frequency and dynamics concept								
– TRC S	•	•	•	•	•	•	•	•
– Selective frequency compression	•	•	•	•	•	–	–	–
– HiFi functionality / Sound Upgrade	•	•	–	–	–	–	–	–
– Volume setting dependent on environment	• ²⁾	–	–	–	–	–	–	–
Programmable tinnitus function	•	•	•	•	–	–	–	–

Apps

Smart Connect app	○	○	○	○	○	–	–	–
Smart Remote app	○	○	○	○	○	○	○	○

• Standard feature ○ Option 1) CROS RIC required 2) Only in wireless audio streaming mode 3) Volta quiX C / Volta quiX P C

The elegant Rixx G5/G4

Small and unobtrusive

The Rixx hearing systems are equipped with many automatic functions which ensure outstanding hearing comfort. They adapt flexibly to each hearing situation. Depending on individual preferences, Rixx can also be operated manually using the push button or via smart-phone.

Special features

- › Up to FOG = 60 dB / OSPL = 118 dB
- › The smallest Audio Service RIC hearing system
- › Fully automatic
- › Exceptional design – ergonomic shape

Accessories



Apps



Control option

- › Programmable push button

Battery size

- › Size 10 battery



Actual size



Tech Level
16 | 12 | 8



Tech Level
16 | 12 | 8 | 6 | 4

Colors

	Sandy brown ¹⁾	Dark granite	Pearl white ¹⁾	Silver	Granite ¹⁾	Brown ²⁾	Grey	Beige	Deep brown ³⁾
Housing:									

1) Color in Tech Levels 6 and 4 not available 2) Only G4 3) Only G5

Rixx

G5

G4

Tech Level

	16	12	8	16	12	8	6	4
	New	New	New					
Technical features								
Signal processing channels	48	34	34	40	32	24	16	16
Frequency channels	20	16	12	20	16	12	8	8
AGC channels	20	16	12	20	16	12	8	8
MPO channels	20	16	12	20	16	12	8	8
Hearing programs	6	6	6	6	6	6	4	4
– MusicSelect / Number of hearing programs	3	1	-	3	1	1	-	-
– EchoClear / Dereverberation	•	-	-	•	-	-	-	-
– 2earPhone	-	-	-	-	-	-	-	-
Telephone coil	-	-	-	-	-	-	-	-
Data Logging	•	•	•	•	•	•	•	•
Wireless								
– AudioLink	-	-	-	-	-	-	-	-
– Binaural synchronization	-	-	-	-	-	-	-	-
– Direct audio streaming iPhone (Android)	-	-	-	-	-	-	-	-
– CROS / BiCROS	-	-	-	-	-	-	-	-
Automatic functions								
Occlumatic	-	-	-	-	-	-	-	-
Comfort365	•	•	•	•	•	•	•	•
Intelligent Acclimatic	•	•	-	•	•	-	-	-
Acclimatic	-	-	•	-	-	•	•	•
Comformatic	•	•	•	•	•	•	-	-
Signal processing								
Anti-Feedback system	•	•	•	•	•	•	•	•
Noise manager								
– Adaptive noise reduction	•	•	•	•	•	•	•	• (On/off switch)
– Wiener filter	•	•	•	•	•	•	•	• (On/off switch)
– Binaural wind noise reduction	-	-	-	-	-	-	-	-
– Adaptive wind noise reduction	•	•	•	•	•	•	•	-
– Impulse suppressor	•	•	•	•	•	•	•	-
– Auto-situation adaption	•	•	•	•	•	•	-	-
– MotionSense	-	-	-	-	-	-	-	-
– Selectronic	•	•	-	•	•	-	-	-
AudioTronic multi-microphone system								
– Panorama	•	•	•	•	•	•	-	-
– Directional static	•	•	•	•	•	•	•	•
– Automatic	•	•	•	•	•	•	•	•
– Adaptive	•	•	•	•	•	•	•	-
– AudioFocus 360	-	-	-	-	-	-	-	-
– Speech 360	•	•	-	•	•	-	-	-
– AudioDirSelect	-	-	-	-	-	-	-	-
– SpatialSpot	-	-	-	-	-	-	-	-
– AudioSpot	-	-	-	-	-	-	-	-
Frequency and dynamics concept								
– Extended dynamic range	•	•	•	-	-	-	-	-
– TRC S	•	•	•	•	•	•	•	•
– Selective frequency compression	•	•	•	•	•	•	•	•
– HiFi functionality / Sound Upgrade	•	-	-	•	-	-	-	-
– Volume setting dependent on environment	-	-	-	-	-	-	-	-
Programmable tinnitus function	• ¹⁾	• ¹⁾	• ¹⁾	•	•	•	•	-
Apps								
Smart Direct app (incl. hearing environment profile)	-	-	-	-	-	-	-	-
Smart Connect app	-	-	-	-	-	-	-	-
Smart Remote app	•	•	•	•	•	•	•	•

• Standard feature • Option ¹⁾ Tinnitus notch therapy support

The subtle Mood G5/G4

The multitalented system for the highest expectations

The versatile Mood is a small, inconspicuous hearing system. Various types of receiver mean that it can be used for a broad range of hearing loss. The Mood G4 hearing systems can alternatively be used in Tech Level 8 – 16 with a standard or rechargeable battery.

Special features

- › Up to FOG = 70 dB / OSPL = 124 dB
- › Smart connection options
- › Smallest design with wireless

Accessories



Apps



Control option

- › Programmable rocker switch

Battery size

- › Size 312 battery
- › Rechargeable battery (G4 Tech Level 8 – 16)



Tech Level
16 | 12 | 8



Tech Level
16 | 12 | 8 | 6 | 4



Mood G5



Mood G4

Actual size



Colors

Sandy brown¹⁾ Dark granite Pearl white¹⁾ Silver Granite¹⁾ Brown¹⁾ Grey Beige Deep brown¹⁾

Housing:

1) Color in Tech Levels 6 and 4 not available 2) Only G4 3) Only G5

Mood

G5

G4

Tech Level

Technical features

	16	12	8	16	12	8	6	4
Signal processing channels	48	34	34	40	32	24	16	16
Frequency channels	20	16	12	20	16	12	8	8
AGC channels	20	16	12	20	16	12	8	8
MPO channels	20	16	12	20	16	12	8	8
Hearing programs	6	6	6	6	6	6	4	4
– MusicSelect / Number of hearing programs	3	1	-	3	1	1	-	-
– EchoClear / Dereverberation	•	-	-	•	-	-	-	-
– 2earPhone	•	•	•	•	•	•	-	-
Telephone coil	-	-	-	•	•	•	-	-
Data Logging	•	•	•	•	•	•	•	•
Wireless								
– AudioLink	•	•	•	•	•	•	-	-
– Binaural synchronization	•	•	•	•	•	•	•	•
– Direct audio streaming iPhone (Android ¹⁾)	•	•	•	-	-	-	-	-
– Wireless audio streaming (Bluetooth® remote control)	-	-	-	•	•	•	•	•
– CROS / BiCROS	• ²⁾	• ²⁾	• ²⁾	• ²⁾	• ²⁾	• ²⁾	-	-

Automatic functions

Occlumatic	•	•	•	-	-	-	-	-
Comfort365	•	•	•	•	•	•	•	•
Intelligent Acclimatic	•	•	-	•	•	-	-	-
Acclimatic	-	-	•	-	-	•	•	•
Comformatic	•	•	•	•	•	•	-	-

Signal processing

Anti-Feedback system	•	•	•	•	•	•	•	•
Noise manager								
– Adaptive noise reduction	•	•	•	•	•	•	•	• (On/off switch)
– Wiener filter	•	•	•	•	•	•	•	• (On/off switch)
– Binaural wind noise reduction	■	■	-	■	■	-	-	-
– Adaptive wind noise reduction	-	-	•	-	-	•	•	-
– Impulse suppressor	•	•	•	•	•	•	•	-
– Auto-situation adaption	•	•	•	•	•	•	-	-
– MotionSense	•	•	-	-	-	-	-	-
– Selectronic	•	•	-	•	•	-	-	-
AudioTronic multi-microphone system								
– Panorama	•	•	•	•	•	•	-	-
– Directional static	•	•	•	•	•	•	•	•
– Automatic	•	•	•	•	•	•	•	•
– Adaptive	•	•	•	•	•	•	•	-
– AudioFocus 360	•	-	-	•	-	-	-	-
– Speech 360	-	•	-	-	•	-	-	-
– AudioDirSelect	•	•	-	•	•	-	-	-
– SpatialSpot	•	-	-	-	-	-	-	-
– AudioSpot	-	■	■	■	■	■	-	-
Frequency and dynamics concept								
– Extended dynamic range	•	•	•	-	-	-	-	-
– TRC S	•	•	•	•	•	•	•	•
– Selective frequency compression	•	•	•	•	•	•	•	•
– HiFi functionality / Sound Upgrade	•	-	-	•	•	-	-	-
– Volume setting dependent on environment	• ³⁾	• ³⁾	• ³⁾	• ³⁾	-	-	-	-
Programming via NOAHlink WL (BLE)	•	•	•	-	-	-	-	-
Programmable tinnitus function	• ⁴⁾	• ⁴⁾	• ⁴⁾	•	•	•	•	-

Apps

Smart Direct app (incl. hearing environment profile)	•	•	•	-	-	-	-	-
Smart Connect app	-	-	-	•	•	•	•	•
Smart Remote app	-	-	-	•	•	•	•	•

• Standard feature • Option ■ Level of intensity 1) In connection with accessory Smart Mic 2) CROS RIC required 3) Only in audio streaming mode 4) Tinnitus notch therapy support

The unique Mood Li-Ion G5

Elegance and comfort

Full connectivity with simultaneous binaural data processing combined with lithium-ion technology. The Mood Li-Ion G5 is unique and defines a new technical standard.

Special features

- › Up to FOG = 70 dB / OSPL = 124 dB
- › Up to 19 hours of battery life
- › Inductive charging

Accessories



Apps



Control option

- › Programmable push button

Battery size

- › Lithium-ion battery

G5

Tech Level
16 | 12 | 8



Colors

Sandy brown

Dark granite

Pearl white

Silver

Granite

Grey

Beige

Deep brown

Housing:

Mood Li-Ion G5

Tech Level

Technical features

	16	12	8
	New	New	New
Signal processing channels	48	34	34
Frequency channels	20	16	12
AGC channels	20	16	12
MPO channels	20	16	12
Hearing programs	6	6	6
– MusicSelect / Number of hearing programs	3	1	-
– EchoClear / Dereverberation	•	-	-
– 2earPhone	•	•	•
Telephone coil	-	-	-
Data Logging	•	•	•
Wireless			
– AudioLink	•	•	•
– Binaural synchronization	•	•	•
– Direct audio streaming iPhone (Android ¹⁾)	•	•	•
– CROS / BiCROS	○ ²⁾	○ ²⁾	○ ²⁾

Automatic functions

Occlumatic	•	•	•
Comfort365	•	•	•
Intelligent Acclimatic	•	•	-
Acclimatic	-	-	•
Comformatic	•	•	•

Signal processing

Anti-Feedback system	•	•	•
Noise manager			
– Adaptive noise reduction	•	•	•
– Wiener filter	•	•	•
– Binaural wind noise reduction	■	■	-
– Adaptive wind noise reduction	-	-	•
– Impulse suppressor	•	•	•
– Auto-situation adaption	•	•	•
– MotionSense	•	•	-
– Selectronic	•	•	-
AudioTronic multi-microphone system			
– Panorama	•	•	•
– Directional static	•	•	•
– Automatic	•	•	•
– Adaptive	•	•	•
– AudioFocus 360	•	-	-
– Speech 360	-	•	-
– AudioDirSelect	•	•	-
– SpatialSpot	•	-	-
– AudioSpot	-	■	■
Frequency and dynamics concept			
– Extended dynamic range	•	•	•
– TRC S	•	•	•
– Selective frequency compression	•	•	•
– HiFi functionality / Sound Upgrade	•	-	-
– Volume setting dependent on environment	• ³⁾	• ³⁾	• ³⁾
Programmable tinnitus function	• ⁴⁾	• ⁴⁾	• ⁴⁾

Apps

Smart Direct app (incl. hearing environment profile)	○	○	○
Smart Connect app	-	-	-
Smart Remote app	-	-	-

• Standard feature ○ Option ■ Level of intensity 1) In connection with accessory Smart Mic 2) CROS RIC G5 required 3) Only in audio streaming mode 4) Tinnitus notch therapy support

The comfortable Sun G5/G4

Compact and intelligent premium solutions

The high-performance Sun is characterized by its versatility. The designer housing contains a highly effective hearing system.

The Sun G4 hearing systems can alternatively be used with a standard or rechargeable battery.

Special features

- › Up to FOG = 70 dB / OSPL = 124 dB
- › High energy reserves in small designer housing
- › Ideal for streaming

Accessories



Apps



Control option

- › Programmable rocker switch

Battery size

- › Size 13 battery
- › Rechargeable battery (G4)



Tech Level
16 | 12 | 8



Tech Level
16 | 12 | 8



SUN G5



SUN G4

Actual size



Colors

Sandy brown¹⁾ Dark granite Pearl white¹⁾ Silver Granite¹⁾ Brown¹⁾ Grey Beige Deep brown¹⁾

Housing:

1) Color in Tech Levels 6 and 4 not available 2) Only G4 3) Only G5

Sun

G5

G4

Tech Level

Technical features

	16	12	8	16	12	8
Signal processing channels	48	34	34	40	32	24
Frequency channels	20	16	12	20	16	12
AGC channels	20	16	12	20	16	12
MPO channels	20	16	12	20	16	12
Hearing programs	6	6	6	6	6	6
– MusicSelect / Number of hearing programs	3	1	-	3	1	1
– EchoClear / Dereverberation	●	-	-	●	-	-
– 2earPhone	●	●	●	●	●	●
Telephone coil	○	○	○	●	●	●
Data Logging	●	●	●	●	●	●
Wireless						
– AudioLink	●	●	●	●	●	●
– Binaural synchronization	●	●	●	●	●	●
– Direct audio streaming iPhone (Android ¹⁾)	●	●	●	-	-	-
– Wireless audio streaming (Bluetooth® remote control)	-	-	-	○	○	○
– CROS / BiCROS	○ ²⁾	○ ²⁾	○ ²⁾	○ ²⁾	○ ²⁾	○ ²⁾

Automatic functions

Occlumatic	●	●	●	-	-	-
Comfort365	●	●	●	●	●	●
Intelligent Acclimatic	●	●	-	●	●	-
Acclimatic	-	-	●	-	-	●
Comformatic	●	●	●	●	●	●

Signal processing

Anti-Feedback system	●	●	●	●	●	●
Noise manager						
– Adaptive noise reduction	●	●	●	●	●	●
– Wiener filter	●	●	●	●	●	●
– Binaural wind noise reduction	■	■	-	■	■	-
– Adaptive wind noise reduction	-	-	●	-	-	●
– Impulse suppressor	●	●	●	●	●	●
– Auto-situation adaption	●	●	●	●	●	●
– MotionSense	●	●	-	-	-	-
– Selectronic	●	●	-	●	●	-
AudioTronic multi-microphone system						
– Panorama	●	●	●	●	●	●
– Directional static	●	●	●	●	●	●
– Automatic	●	●	●	●	●	●
– Adaptive	●	●	●	●	●	●
– AudioFocus 360	●	-	-	●	-	-
– Speech 360	-	●	-	-	●	-
– AudioDirSelect	●	●	-	●	●	-
– SpatialSpot	●	-	-	-	-	-
– AudioSpot	-	■	■	■	■	■
Frequency and dynamics concept						
– Extended dynamic range	●	●	●	-	-	-
– TRC S	●	●	●	●	●	●
– Selective frequency compression	●	●	●	●	●	●
– HiFi functionality / Sound Upgrade	●	-	-	●	●	-
– Volume setting dependent on environment	● ³⁾	● ³⁾	● ³⁾	● ³⁾	-	-
Programming via NOAHlink WL (BLE)	●	●	●	-	-	-
Programmable tinnitus function	● ⁴⁾	● ⁴⁾	● ⁴⁾	●	●	●

Apps

Smart Direct app (incl. hearing environment profile)	○	○	○	-	-	-
Smart Connect app	-	-	-	○	○	○
Smart Remote app	-	-	-	○	○	○

● Standard feature ○ Option ■ Level of intensity 1) In connection with accessory Smart Mic 2) CROS RIC required 3) Only in audio streaming mode 4) Tinnitus notch therapy support

The powerful Sun Li-Ion G4

Power and endurance for 24 hours

The Sun Li-Ion G4 has an integrated lithium-ion battery which is inductively charged in the Smart Li-Ion Power charging station. The battery offers an operating time of 24 hours with full connectivity. A complete charge takes 4 hours. The 30-minute quick charge provides 7 hours of operating time.

Special features

- › Up to FOG = 70 dB / OSPL = 124 dB
- › Battery life of up to 24 hours with unlimited streaming
- › Inductive charging

Accessories



Apps



Control option

- › Programmable push button

Battery size

- › Lithium-ion battery



Tech Level
16 | 12 | 8 | 6



Actual size



Colors

Sandy brown¹⁾ Dark granite Pearl white¹⁾ Silver Granite¹⁾ Brown Grey Beige

Housing:

¹⁾ Color in Tech Level 6 not available

Sun Li-Ion

G4

Tech Level

Technical features

	16	12	8	6
Signal processing channels	40	32	24	16
Frequency channels	20	16	12	8
AGC channels	20	16	12	8
MPO channels	20	16	12	8
Hearing programs	6	6	6	4
– MusicSelect / Number of hearing programs	3	1	1	-
– EchoClear / Dereverberation	•	-	-	-
– 2earPhone	•	•	•	-
Telephone coil	•	•	•	•
Data Logging	•	•	•	•
Wireless				
– AudioLink	•	•	•	-
– Binaural synchronization	•	•	•	•
– Wireless audio streaming (Bluetooth® remote control)	○	○	○	○
– CROS / BiCROS	○ ¹⁾	○ ¹⁾	○ ¹⁾	-

Automatic functions

Comfort365	•	•	•	•
Intelligent Acclimatic	•	•	-	-
Acclimatic	-	-	•	•
Comformatic	•	•	•	-

Signal processing

Anti-Feedback system	•	•	•	•
Noise manager				
– Adaptive noise reduction	•	•	•	•
– Wiener filter	•	•	•	•
– Binaural wind noise reduction	■	■	-	-
– Adaptive wind noise reduction	-	-	•	•
– Impulse suppressor	•	•	•	•
– Auto-situation adaption	•	•	•	-
– Selectronic	•	•	-	-
AudioTronic multi-microphone system				
– Panorama	•	•	•	-
– Directional static	•	•	•	•
– Automatic	•	•	•	•
– Adaptive	•	•	•	•
– AudioFocus 360	•	-	-	-
– Speech 360	-	•	-	-
– AudioDirSelect	•	•	-	-
– AudioSpot	■	■	■	-
Frequency and dynamics concept				
– TRC S	•	•	•	•
– Selective frequency compression	•	•	•	•
– HiFi functionality / Sound Upgrade	•	•	-	-
– Volume setting dependent on environment	• ²⁾	-	-	-
Programmable tinnitus function	•	•	•	•

Apps

Smart Connect app	○	○	○	○
Smart Remote app	○	○	○	○

• Standard feature ○ Option ■ Level of intensity ¹⁾ CROS RIC required ²⁾ Only in wireless audio streaming mode

BTE

BTE systems – An overview

The wide range of BTE models includes the right hearing system for every hearing loss. The option of open or closed fitting and a wide choice of colors make it easy to meet the customer's personal requirements. The versatility is completed by the appropriate accessories.

All BTE hearing systems are IP67-certified.



Wireless

All BTE hearing systems in TL 4–16 have wireless functionality. Numerous directional features and possibilities for connecting with other audio sources are available as a result.



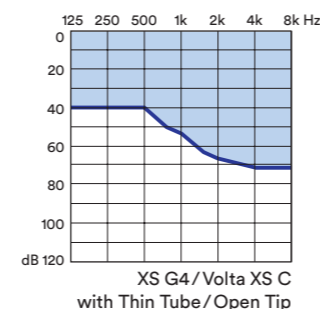
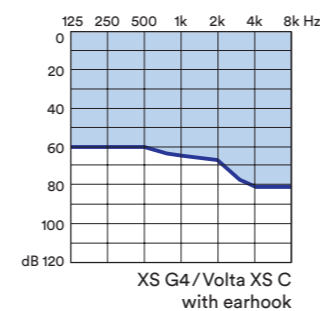
Lithium-ion battery technology

The DUO Li-Ion G5 – our first BTE with Bluetooth® technology and advanced lithium-ion technology – will be available from February 2019.

XS



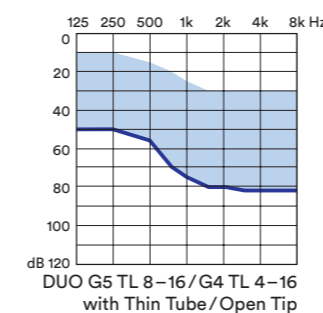
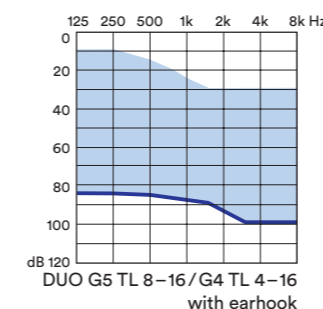
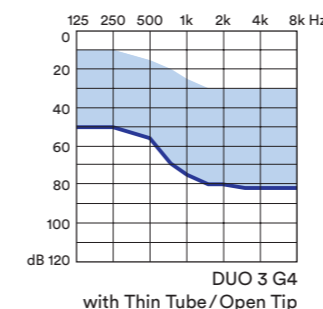
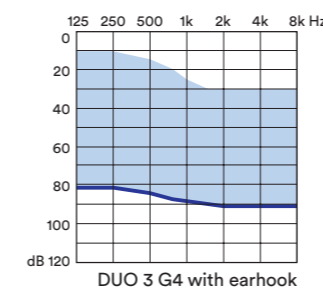
Battery size 312



DUO



13

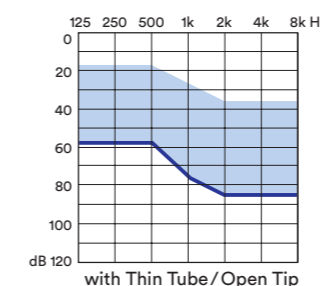
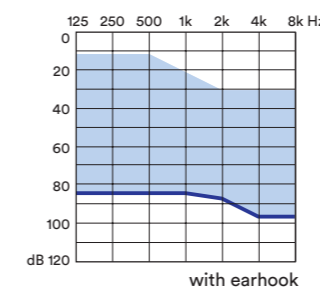


DUO Li-Ion



from 02/2019

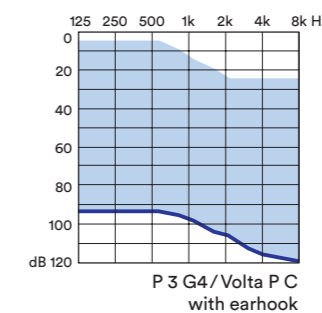
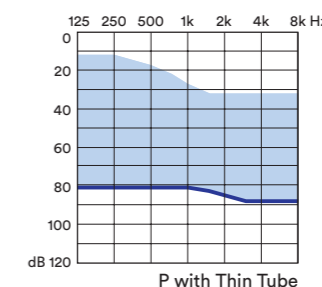
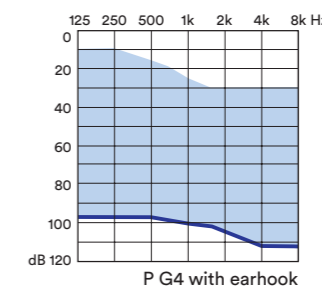
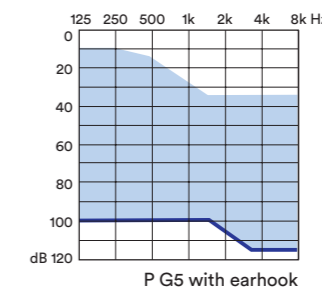
Rechargeable battery



P



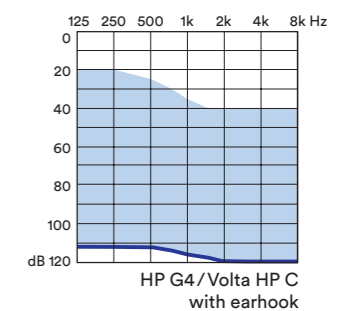
13



HP



675



All measurements were performed with 2 ccm couplers (where applicable) according to ANSI S3.22-2014 and IEC 60118-0:2015.

The unobtrusive XS G4

Graceful and variable

XS – the behind-the-ear hearing system for anyone who particularly values discretion. The XS is ideally suited for an open-fitting system. This hearing system is a perfect solution for mild to moderate hearing loss.

Special features

- › Up to FOG = 55 dB / OSPL = 125 dB
- › Smallest BTE hearing system from Audio Service
- › For open and closed fitting

Accessories



Apps



Control option

- › Programmable push button

Battery size

- › Size 312 battery



Tech Level
8 | 6 | 4 | 3
Basic

Actual size



Colors

	Dark granite/ Silver	Dark granite/ Grey	Dark granite/ Brown	Dark granite	Beige
TL 4–8:					
TL 3/ Basic:					

XS

Tech Level

Technical features

	8	6	4	3	Basic ²⁾
Signal processing channels	24	16	16	12	8
Frequency channels	12	8	8	6	4
AGC channels	12	8	8	6	4
MPO channels	12	8	8	6	4
Hearing programs	6	4	4	4	4
– MusicSelect / Number of hearing programs	1	-	-	-	-
– EchoClear / Dereverberation	-	-	-	-	-
– 2earPhone	-	-	-	-	-
Telephone coil	-	-	-	-	-
Data Logging	•	•	•	•	•
Wireless					
– AudioLink	•	-	-	-	-
– Binaural synchronization	•	•	•	-	-
– Wireless audio streaming (Bluetooth® remote control)	•	•	•	-	-
– CROS / BiCROS	• ¹⁾	-	-	-	-

Automatic functions

Comfort365	•	•	•	-	-
Intelligent Acclimatic	-	-	-	-	-
Acclimatic	•	•	•	-	-
Comformatic	•	-	-	-	-

Signal processing

Anti-Feedback system	•	•	•	•	•
Noise manager					
– Adaptive noise reduction	•	•	(On/off switch)	(On/off switch)	(On/off switch)
– Wiener filter	•	•	(On/off switch)	(On/off switch)	-
– Binaural wind noise reduction	-	-	-	-	-
– Adaptive wind noise reduction	•	•	-	-	-
– Impulse suppressor	•	•	-	-	-
– Auto-situation adaption	•	-	-	-	-
– Selectronic	-	-	-	-	-
AudioTronic multi-microphone system					
– Panorama	•	-	-	-	-
– Directional static	•	•	•	•	•
– Automatic	•	•	•	•	-
– Adaptive	•	•	-	-	-
– AudioFocus 360	-	-	-	-	-
– Speech 360	-	-	-	-	-
– AudioDirSelect	-	-	-	-	-
– AudioSpot	•	-	-	-	-
Frequency and dynamics concept					
– TRC S	•	•	•	•	•
– Selective frequency compression	•	•	•	-	-
– HiFi functionality / Sound Upgrade	-	-	-	-	-
– Volume setting dependent on environment	-	-	-	-	-
Programmable tinnitus function	•	•	-	-	-

Apps

Smart Connect app	•	•	•	-	-
Smart Remote app	•	•	•	•	•

• Standard feature • Option 1) CROS RIC required 2) Volta XS C

G4

The flexible
DUO G5/G4

Universal application

The DUO hearing systems are suitable for various degrees of hearing loss and with their many features, they offer wide scope for meeting your customers' individual needs. The DUO G4 hearing systems can alternatively be used in Tech Level 8 – 16 with a standard or rechargeable battery.

Special features

- › Up to FOG = 63 dB / OSPL = 130 dB
- › Small designer housing
- › For open and closed fitting

Accessories



Apps



Control option

- › Programmable rocker switch

Battery size

- › Size 13 battery
- › Rechargeable battery (G4 Tech Level 8 – 16)



Tech Level
16 | 12 | 8



Tech Level
16 | 12 | 8 | 6 | 4 | 3



DUO G5



DUO G4 TL 4–16



DUO G4 TL 3

Actual size

Colors

	Sandy brown ¹⁾	Dark granite	Pearl white ¹⁾	Silver	Granite ¹⁾	Brown ¹⁾	Grey	Beige	Dark granite/ Silver	Dark granite/ Grey	Dark granite/ Brown	Deep brown ¹⁾
TL 4–16:												
TL 3:												

1) Colors in Tech Levels 4 and 6 not available 2) Only G4 3) Only G5

DUO

G5

G4

Tech Level

Technical features

	16	12	8	16	12	8	6	4	3
Signal processing channels	48	34	34	40	32	24	16	16	12
Frequency channels	20	16	12	20	16	12	8	8	6
AGC channels	20	16	12	20	16	12	8	8	6
MPO channels	20	16	12	20	16	12	8	8	6
Hearing programs	6	6	6	6	6	6	4	4	4
– MusicSelect / Number of hearing programs	3	1	-	3	1	1	-	-	-
– EchoClear / Dereverberation	•	-	-	•	-	-	-	-	-
– 2earPhone	•	•	•	•	•	•	-	-	-
Telephone coil	○	○	○	•	•	•	-	-	-
Data Logging	•	•	•	•	•	•	•	•	•
Wireless									
– AudioLink	•	•	•	•	•	•	-	-	-
– Binaural synchronization	•	•	•	•	•	•	•	•	-
– Direct audio streaming iPhone (Android ¹⁾)	•	•	•	-	-	-	-	-	-
– Wireless audio streaming (Bluetooth® remote control)	-	-	-	○	○	○	○	○	-
– CROS / BiCROS	○ ²⁾	○ ²⁾	○ ²⁾	○ ²⁾	○ ²⁾	○ ²⁾	-	-	-

Automatic functions

Occlumatic	•	•	•	-	-	-	-	-	-
Comfort365	•	•	•	•	•	•	•	•	-
Intelligent Acclimatic	•	•	-	•	•	-	-	-	-
Acclimatic	-	-	•	-	-	•	•	•	-
Comformatic	•	•	•	•	•	•	-	-	-

Signal processing

Anti-Feedback system	•	•	•	•	•	•	•	•	•
Noise manager									
– Adaptive noise reduction	•	•	•	•	•	•	•	(On/off switch)	(On/off switch)
– Wiener filter	•	•	•	•	•	•	•	(On/off switch)	(On/off switch)
– Binaural wind noise reduction	■	■	-	■	■	-	-	-	-
– Adaptive wind noise reduction	-	-	•	-	-	•	•	-	-
– Impulse suppressor	•	•	•	•	•	•	•	-	-
– Auto-situation adaption	•	•	•	•	•	•	-	-	-
– MotionSense	•	•	-	-	-	-	-	-	-
– Selectronic	•	•	-	•	•	-	-	-	-
AudioTronic multi-microphone system									
– Panorama	•	•	•	•	•	•	-	-	-
– Directional static	•	•	•	•	•	•	•	•	•
– Automatic	•	•	•	•	•	•	•	•	•
– Adaptive	•	•	•	•	•	•	•	-	-
– AudioFocus 360	•	-	-	•	-	-	-	-	-
– Speech 360	-	•	-	-	•	-	-	-	-
– AudioDirSelect	•	•	-	•	•	-	-	-	-
– SpatialSpot	•	-	-	-	-	-	-	-	-
– AudioSpot	-	■	■	■	■	■	-	-	-
Frequency and dynamics concept									
– Extended dynamic range	•	•	•	-	-	-	-	-	-
– TRC S	•	•	•	•	•	•	•	•	•
– Selective frequency compression	•	•	•	•	•	•	•	•	-
– HiFi functionality / Sound Upgrade	•	-	-	•	•	-	-	-	-
– Volume setting dependent on environment	• ³⁾	• ³⁾	• ³⁾	• ³⁾	-	-	-	-	-
Programming via NOAHlink WL (BLE)	•	•	•	-	-	-	-	-	-
Programmable tinnitus function	• ⁴⁾	• ⁴⁾	• ⁴⁾	•	•	•	•	-	-

Apps

Smart Direct app (incl. hearing environment profile)	○	○	○	-	-	-	-	-	-
Smart Connect app	-	-	-	○	○	○	○	○	-
Smart Remote app	-	-	-	○	○	○	○	○	○

• Standard feature ○ Option ■ Level of intensity 1) In connection with accessory Smart Mic 2) CROS RIC required 3) Only in audio streaming mode 4) Tinnitus notch therapy support

The powerful DUO Li-Ion G5

Practical and
reliable

Our first BTE hearing system with *Bluetooth®* technology and Li-ion battery combines innovative technology with proven fitting concepts. Always connected and no more battery changes.

Special features

- › Up to FOG = 63 dB / OSPL = 134 dB
- › Up to 19 hours of battery life including streaming
- › Inductive charging

Accessories



Apps



Control option

- › Programmable push button

Battery size

- › Lithium-ion battery



Actual size



Tech Level
16 | 12 | 8

Colors

Sandy brown Dark granite Pearl white Silver Granite Grey Beige Deep brown

Housing:

DUO Li-Ion G5

Tech Level

16	12	8
New	New	New
from February 2019		

Technical features

Signal processing channels	48	34	34
Frequency channels	20	16	12
AGC channels	20	16	12
MPO channels	20	16	12
Hearing programs	6	6	6
– MusicSelect / Number of hearing programs	3	1	-
– EchoClear / Dereverberation	•	-	-
– 2earPhone	•	•	•
Telephone coil	-	-	-
Data Logging	•	•	•
Wireless			
– AudioLink	•	•	•
– Binaural synchronization	•	•	•
– Direct audio streaming iPhone (Android 1)	•	•	•
– CROS / BiCROS	○ ²⁾	○ ²⁾	○ ²⁾

Automatic functions

Occlumatic	•	•	•
Comfort365	•	•	•
Intelligent Acclimatic	•	•	-
Acclimatic	-	-	•
Comformatic	•	•	•

Signal processing

Anti-Feedback system	•	•	•
Noise manager			
– Adaptive noise reduction	•	•	•
– Wiener filter	•	•	•
– Binaural wind noise reduction	■	■	-
– Adaptive wind noise reduction	-	-	•
– Impulse suppressor	•	•	•
– Auto-situation adaption	•	•	•
– MotionSense	•	•	-
– Selectronic	•	•	-
AudioTronic multi-microphone system			
– Panorama	•	•	•
– Directional static	•	•	•
– Automatic	•	•	•
– Adaptive	•	•	•
– AudioFocus 360	•	-	-
– Speech 360	-	•	-
– AudioDirSelect	•	•	-
– SpatialSpot	•	-	-
– AudioSpot	-	■	■
Frequency and dynamics concept			
– Extended dynamic range	•	•	•
– TRC S	•	•	•
– Selective frequency compression	•	•	•
– HiFi functionality / Sound Upgrade	•	-	-
– Volume setting dependent on environment	• ³⁾	• ³⁾	• ³⁾
Programmable tinnitus function	• ⁴⁾	• ⁴⁾	• ⁴⁾
Programming via NOAHlink WL (BLE)	•	•	•

Apps

Smart Direct app (incl. hearing environment profile)	○	○	○
Smart Connect app	-	-	-
Smart Remote app	-	-	-

• Standard feature ○ Option ■ Level of intensity 1) In connection with accessory Smart Mic 2) CROS RIC G5 required 3) Only in audio streaming mode 4) Tinnitus notch therapy support

from 02/2019

The potent P G5/G4

Advanced and convincing

The P models from Audio Service are hearing systems for advanced hearing loss. Depending on the technical features, they have different designs. The P, with its rocker switch, is very easy to use.

Special features

- › Up to FOG = 77 dB / OSPL = 135 dB
- › For open and closed fitting (TL 4 – 16)

Accessories



Apps



Control option

- › Programmable rocker switch

Battery size

- › Size 13 battery



Tech Level
16 | 12 | 8



Tech Level
16 | 12 | 8 | 6 | 4 | 3
Basic



P G5 TL 8–16

P G4 TL 4–16



P G4 TL 3 / Volta P C

Actual size



Colors

	Sandy brown ¹⁾	Dark granite	Pearl white ¹⁾	Silver	Granite ¹⁾	Grey	Beige	Deep brown
TL 4–16:								
TL 3/Basic:								

1) Colors in Tech Levels 4 and 6 not available

P

G5

G4

Tech Level

	16	12	8	16	12	8	6	4	3	Basic ⁵⁾
	New	New	New							
Technical features										
Signal processing channels	48	34	34	40	32	24	16	16	12	8
Frequency channels	20	16	12	20	16	12	8	8	6	4
AGC channels	20	16	12	20	16	12	8	8	6	4
MPO channels	20	16	12	20	16	12	8	8	6	4
Hearing programs	6	6	6	6	6	6	4	4	4	4
– MusicSelect / Number of hearing programs	3	1	-	3	1	1	-	-	-	-
– EchoClear / Dereverberation	•	-	-	•	-	-	-	-	-	-
– 2earPhone	•	•	•	•	•	•	-	-	-	-
Telephone coil	○	○	○	•	•	•	•	•	•	•
Data Logging	•	•	•	•	•	•	•	•	•	•
Wireless										
– AudioLink	•	•	•	•	•	•	-	-	-	-
– Binaural synchronization	•	•	•	•	•	•	•	•	-	-
– Direct audio streaming iPhone (Android ¹⁾)	•	•	•	-	-	-	-	-	-	-
– Wireless audio streaming (Bluetooth [®])	-	-	-	○	○	○	○	○	-	-
– CROS / BiCROS	○ ²⁾	○ ²⁾	○ ²⁾	○ ²⁾	○ ²⁾	○ ²⁾	-	-	-	-
Automatic functions										
Occlumatic	•	•	•	-	-	-	-	-	-	-
Comfort365	•	•	•	•	•	•	•	•	-	-
Intelligent Acclimatic	•	•	-	•	•	-	-	-	-	-
Acclimatic	-	-	•	-	-	•	•	•	-	-
Comformatic	•	•	•	•	•	•	-	-	-	-
Signal processing										
Anti-Feedback system	•	•	•	•	•	•	•	•	•	•
Noise manager										
– Adaptive noise reduction	•	•	•	•	•	•	•	(On/off switch)	(On/off switch)	(On/off switch)
– Wiener filter	•	•	•	•	•	•	•	(On/off switch)	(On/off switch)	-
– Binaural wind noise reduction	■	■	-	■	■	-	-	-	-	-
– Adaptive wind noise reduction	-	-	•	-	-	•	•	-	-	-
– Impulse suppressor	•	•	•	•	•	•	•	-	-	-
– Auto-situation adaption	•	•	•	•	•	•	-	-	-	-
– MotionSense	•	•	-	-	-	-	-	-	-	-
– Selectronic	•	•	-	•	•	-	-	-	-	-
AudioTronic multi-microphone system										
– Panorama	•	•	•	•	•	•	-	-	-	-
– Directional static	•	•	•	•	•	•	•	•	•	•
– Automatic	•	•	•	•	•	•	•	•	•	-
– Adaptive	•	•	•	•	•	•	•	-	-	-
– AudioFocus 360	•	-	-	•	-	-	-	-	-	-
– Speech 360	-	•	-	-	•	-	-	-	-	-
– AudioDirSelect	•	•	-	•	•	-	-	-	-	-
– SpatialSpot	•	-	-	-	-	-	-	-	-	-
– AudioSpot	-	■	■	■	■	■	-	-	-	-
Frequency and dynamics concept										
– Extended dynamic range	•	•	•	-	-	-	-	-	-	-
– TRC S	•	•	•	•	•	•	•	•	•	•
– Selective frequency compression	•	•	•	•	•	•	•	•	-	-
– HiFi functionality / Sound Upgrade	•	-	-	•	•	-	-	-	-	-
– Volume setting dependent on environment	• ³⁾	• ³⁾	• ³⁾	• ³⁾	-	-	-	-	-	-
Programmable tinnitus function	• ⁴⁾	• ⁴⁾	• ⁴⁾	•	•	•	•	-	-	-
Apps										
Smart Direct app (incl. hearing environment profile)	○	○	○	-	-	-	-	-	-	-
Smart Connect app	-	-	-	○	○	○	○	○	-	-
Smart Remote app	-	-	-	○	○	○	○	○	○	○

• Standard feature ○ Option ■ Level of intensity 1) In connection with accessory Smart Mic 2) CROS RIC required 3) Only in audio streaming mode 4) Tinnitus notch therapy support 5) Volta P C

The powerful
HP G4

For advanced
hearing loss

The high-power hearing system HP is the Audio Service solution for persons with advanced hearing loss. Separate program-selection and volume controls make the HP hearing system easy and convenient to adjust.

Special features

- › Up to FOG = 82 dB / OSPL = 140 dB
- › High-Performance for severe hearing loss
- › Audio shoe optional for direct audio input

Accessories



Apps



Control option

- › Push button and programmable rocker switch

Battery size

- › Size 675 battery



Tech Level
16 | 12 | 8 | 6 | 4 | 3
Basic

HP

G4

Tech Level

Technical features

	16	12	8	6	4	3	Basic ³⁾
Signal processing channels	40	32	24	16	16	12	8
Frequency channels	20	16	12	8	8	6	4
AGC channels	20	16	12	8	8	6	4
MPO channels	20	16	12	8	8	6	4
Hearing programs	6	6	6	4	4	4	4
– MusicSelect / Number of hearing programs	3	1	1	-	-	-	-
– EchoClear / Dereverberation	•	-	-	-	-	-	-
– 2earPhone	•	•	•	-	-	-	-
Telephone coil	•	•	•	•	•	•	•
Data Logging	•	•	•	•	•	•	•
Wireless							
– AudioLink	•	•	•	-	-	-	-
– Binaural synchronization	•	•	•	•	•	-	-
– Wireless audio streaming (Bluetooth® remote control)	○	○	○	○	○	-	-
– CROS / BiCROS	○ ¹⁾	○ ¹⁾	○ ¹⁾	-	-	-	-

Automatic functions

Comfort365	•	•	•	•	•	-	-
Intelligent Acclimatic	•	•	-	-	-	-	-
Acclimatic	-	-	•	•	•	-	-
Comformatic	•	•	•	-	-	-	-

Signal processing

Anti-Feedback system	•	•	•	•	•	•	•
Noise manager							
– Adaptive noise reduction	•	•	•	•	(On/off switch)	(On/off switch)	(On/off switch)
– Wiener filter	•	•	•	•	(On/off switch)	(On/off switch)	-
– Binaural wind noise reduction	■ ■	■	-	-	-	-	-
– Adaptive wind noise reduction	-	-	•	•	-	-	-
– Impulse suppressor	•	•	•	•	-	-	-
– Auto-situation adaption	•	•	•	-	-	-	-
– Selectronic	•	•	-	-	-	-	-
AudioTronic multi-microphone system							
– Panorama	•	•	•	-	-	-	-
– Directional static	•	•	•	•	•	•	•
– Automatic	•	•	•	•	•	•	-
– Adaptive	•	•	•	•	-	-	-
– AudioFocus 360	•	-	-	-	-	-	-
– Speech 360	-	•	-	-	-	-	-
– AudioDirSelect	•	•	-	-	-	-	-
– AudioSpot	■ ■ ■	■ ■	■	-	-	-	-
Frequency and dynamics concept							
– TRC S	•	•	•	•	•	•	•
– Selective frequency compression	•	•	•	•	•	-	-
– HiFi functionality / Sound Upgrade	•	•	-	-	-	-	-
– Volume setting dependent on environment	○ ²⁾	-	-	-	-	-	-
Programmable tinnitus function	•	•	•	•	-	-	-

Apps

Smart Connect app	○	○	○	○	○	-	-
Smart Remote app	○	○	○	○	○	○	○

• Standard feature ○ Option ■ Level of intensity 1) CROS RIC required 2) Only in wireless audio streaming mode 3) Volta HP C

Wireless CROS/BiCROS – Routing of sound from one ear to the other

For people who have unaidable hearing loss on one side, communication is often difficult, since they cannot be spoken to from both sides.

CROS/BICROS



Wireless CROS

A Wireless CROS (Contralateral Routing of Signals) system can help people **with one ear with normal hearing**. The CROS quiX / RIC, which picks up the sound via the microphones, is worn on the unaidable side.

The sound is transmitted wirelessly via AudioLink to the **receiving device** at the contralateral ear, where it is emitted to the ear with normal hearing.

Wireless CROS/ BiCROS
can be optionally employed in TL 8 – 16 with these hearing systems:



- › Icon G5
- › Sina G5
- › quiX G5



- › Mood G5
- › Mood Li-Ion G5
- › Sun G5
- › DUO G5
- › DUO Li-Ion G5
- › P G5
- › Ida BT G5



- › Icon Mini-CIC G4
- › Sina G4
- › Vega G4
- › Ida G4
- › quiX G4
- › Mood G4
- › Sun G4
- › Sun Li-Ion G4
- › XS G4
- › DUO G4
- › P G4
- › HP G4



CROS quiX G5



CROS RIC G5



CROS RIC



Wireless BiCROS

A wireless BiCROS system can help people **with hearing loss on the other side (contralateral), which can be aided by a hearing system**. The CROS quiX / RIC, which picks up the sound via the microphones, is worn on the unaidable side.

The sound is transmitted wirelessly via AudioLink **to the hearing system** adapted to the hearing loss on the other ear.

In detail

Accessories & Apps



Our product accessories –
An overview

Useful solutions offer more comfort
and hearing enjoyment for every
situation



Smart Direct App, Smart Connect App,
and Smart Remote App — Page 72



Multidimensionally
connected, for optimal
assistance



Enjoy every day
comfortably and
actively



Smart
Transmitter
2,4



Smart
Mic



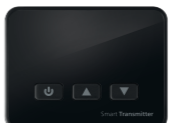
Smart
Li-Ion Power



Smart
Power



Smart
Connect¹⁾



Smart
Transmitter²⁾



Smart
Remote¹⁾



Smart
Key

CUSTOM	Icon	–	–	–	–
	Sina	–	–	–	–
	Vega	–	–	–	–
	Ida	TL 8–16	TL 8–16	–	–
RIC	quiX	–	–	–	–
	Rixx	–	–	–	–
	Mood	TL 8–16	TL 8–16	–	TL 8–16
	Mood Li-Ion	TL 8–16	TL 8–16	TL 8–16	–
	Sun	TL 8–16	TL 8–16	–	TL 8–16
	Sun Li-Ion	–	–	TL 6–16	–
BTE	XS	–	–	–	–
	DUO	TL 8–16	TL 8–16	–	TL 8–16
	DUO Li-Ion	TL 8–16	TL 8–16	TL 8–16	–
	P	TL 8–16	TL 8–16	–	–
	HP	–	–	–	–

TL 4–16	TL 4–16	TL 4–16	TL 3–16
TL 4–16	TL 4–16	TL 4–16	TL 3–16
TL 4–16	TL 4–16	TL 4–16	TL 3–16
TL 4–16	TL 4–16	TL 4–16	TL 4–16
TL 4–16	TL 4–16	TL 4–16	TL 3–16 / Basic
–	–	–	TL 4–16
TL 4–16	TL 4–16	TL 4–16	TL 4–16
–	–	–	TL 8–16
TL 8–16	TL 8–16	TL 8–16	TL 8–16
TL 6–16	TL 6–16	TL 6–16	TL 6–16
TL 4–8	TL 4–8	TL 4–8	TL 3–8 / Basic
TL 4–16	TL 4–16	TL 4–16	TL 3–16
–	–	–	TL 8–16
TL 4–16	TL 4–16	TL 4–16	TL 3–16 / Basic
TL 4–16	TL 4–16	TL 4–16	TL 3–16 / Basic

1) Valid for models with wireless functionality 2) Supplemental accessory for Smart Connect

The practical Smart Transmitter 2,4

The *Bluetooth®* transmitter for televisions and stereo systems

G5 Ida BT G5, Sun G5, Mood G5, Mood Li-Ion G5, DUO G5, DUO Li-Ion G5, P G5



The Smart Transmitter 2,4 allows direct transfer of sound from audio sources such as television sets and stereo systems to the hearing systems completely automatically. Simply place the hearing systems on the transmitter and the pairing process begins. The transmitter can be paired with multiple hearing systems at the same time for shared enjoyment with friends.

- Special features**
- › No separate remote control needed
 - › Connecting/pairing is particularly easy
 - › Several hearing system users can connect simultaneously
 - › Analog and digital audio inputs (Cinch and TOSLINK)

The compact Smart Mic

Direct audio streaming from practically any Bluetooth-enabled Android smartphone

G5 Ida BT G5, Sun G5, Mood G5, Mood Li-Ion G5, DUO G5, DUO Li-Ion G5, P G5



The new Smart Mic enables hands-free telephone calls without your customer needing to pick up his/her smartphone. In challenging hearing environments, it can easily be used as an additional microphone.

- Special features**
- › Direct streaming from Android smartphones
 - › Listen to music in stereo quality
 - › Can be used as a conference microphone

The fast Smart Li-Ion Power

Fast, inductive charging

G5 Mood Li-Ion G5, DUO Li-Ion G5

G4 Sun Li-Ion G4



Once the hearing systems are placed in the charging station, the charging process starts automatically. Charging takes place inductively, that is, without direct contact. A complete charge takes approximately 4 hours. Even after just 30 minutes, the hearing systems are ready for another 7 hours of use. The three LEDs display the charging status of the hearing systems.

- Special features**
- › Drying function during charging
 - › Hearing systems automatically switch off when they are placed in the charging station and they switch back on when they are removed
 - › Automatic switch-off guarantees overcharge protection
 - › Standard power supply with micro-USB connector
 - › Compatible with standard power banks

The effective Smart Power

The alternative to conventional hearing system batteries

G4 Sun G4, Mood G4, DUO G4



With Smart Power, constant changing of hearing system batteries is a thing of the past. Smart Power charges the hearing system batteries reliably and quickly. This avoids the need to fit new batteries constantly.

- Special features**
- › Practical charging station
 - › Environmentally-friendly
 - › Charges and dries hearing systems overnight

The comfortable Smart Connect

Wireless connection with many communication media



Comfortably listening to music, watching television or making phone calls, also over the Internet – it's all possible. The Smart Connect detects the hearing system and pairing takes place automatically. Operation is simple and convenient with the multifunction button or alternatively by Smart Connect app.



Special features

- › Easily activated in Connexx, ready for use without programming
- › Simple and quick pairing with the hearing systems
- › Simple operation with the multi-function button
- › Audio input
- › Can also be used hands-free with the integrated microphone

The versatile Smart Transmitter

Connects non-Bluetooth-enabled audio sources with the Smart Connect



As an accessory for the Smart Connect, the Smart Transmitter connects electronic devices which do not have a *Bluetooth*® function with the Smart Connect. The push buttons on the top ensure easy and intuitive operation; the LEDs on the front indicate the current status of the transmitter.



Special features

- › Modern infotainment with Smart Transmitter and Smart Connect
- › Directly connected to the audio sources
- › 3.5 mm jack socket and optical TOSLINK connection

The effective Smart Remote

Attractive and functional



The remote control can be used with all hearing systems with a wireless function. The timeless design, the large push buttons as well as the clearly arranged display are only some of its user-friendly features. The Smart Remote offers the following standard functions: changing hearing programs, setting the volume, switching the hearing systems on and off.



Special features

- › Preprogrammed with standard functions
- › Buttons can be customized
- › Alarm function
- › Service information can be programmed: Contact information and service appointment reminder
- › Adjustable volume of the tinnitus function

The handy Smart Key

Small and practical



With the Smart Key, programs and volume can be easily adjusted. A keylock prevents buttons from being inadvertently pressed. A status LED indicates whether the remote control is enabled.



Special features

- › Small and handy
- › Control via high-frequency sounds

The comprehensive Smart Direct app

All functions for convenient customization

G5 Ida BT G5, Sun G5, Mood G5, Mood Li-Ion G5, DUO G5, DUO Li-Ion G5, P G5

The Smart Direct app allows your customers to control their hearing system conveniently and to customize the use of new features. Telephone calls are forwarded directly from the iPhone and take priority over other audio signals; streamed music can be listened to in stereo, directly and without any additional device. With the app, smartphones become a remote control for G5 hearing systems.

- Special features**
- › Hearing programs and volumes can be adjusted discreetly.
 - › The volume can be set individually for the right and left hearing system.
 - › The Smart Direct app creates an environment profile for its user. This renders optimization easier for you when it comes to fine-tuning and after-sales care.



Download the **Smart Direct app** now

Made for iPad iPhone

Download on the App Store

Android Smartphones and Tablets

GET IT ON Google Play

The practical Smart Connect app

The optimum addition to Smart Connect

G4

With this app, the Smart Connect is particularly convenient to operate and offers even greater functionality. For example, audio sources can be selected directly.



Download the **Smart Connect app** now

Made for iPad iPhone

Download on the App Store

Android Smartphones and Tablets

GET IT ON Google Play

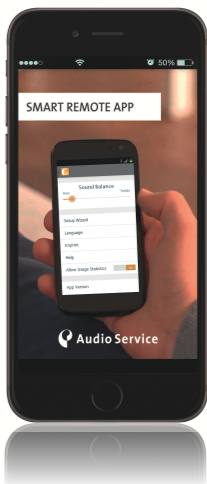
- Special features**
- › Operating options for TL 12 and 16 hearing systems:
AudioSpot – Individual focus
AudioDirSelect – Individual direction

The proven Smart Remote app

The app to control all Audio Service hearing systems directly

G5
G4

The free Smart Remote app turns a smartphone into a discreet remote control for the hearing systems. With this app, the hearing systems can be customized and operated for the following settings: hearing program, volume and tone, without the need for any additional accessories.



Download the **Smart Remote app** now

Made for iPad iPhone

Download on the App Store

Android Smartphones and Tablets

GET IT ON Google Play

- Special features**
- › Control via high-frequency sounds
 - › Transmission volume can be adjusted
 - › Noise (tinnitus) setting
 - › Battery status display
 - › Operating options for TL 12 and 16 hearing systems:
AudioSpot – Individual focus
AudioDirSelect – Individual direction

Fitting accessories

Custom hearing systems

Helpful for
everyday use

HF Black wax guard – Premium protection is standard

If cerumen, moisture or dirt reach the sensitive components of the hearing system through the sound outlet, malfunctions can result. The HF Black wax guards developed by Audio Service ensure that the hearing systems are reliably protected:

- › Self-cleaning effect given by black high-tech filter gauze
- › Highly moisture-, dirt- and cerumen-repellent
- › The result: the wax guards require less frequent replacement and the service life of the hearing systems is extended

The premium wax guard is available in sizes HF 3 Black \varnothing 3.1 mm and HF 4 Black \varnothing 2.4 mm. The red and blue colors also help distinguish between the two sides of the hearing systems.

Custom models, CLIC MOULDS and quiX MOULDS come with HF Black as standard.



Black high-tech filter gauze repels moisture, dirt and cerumen.

16x dispenser wheel with changing tool

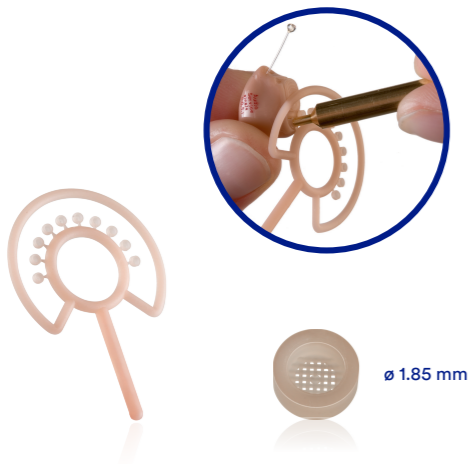
Advantages of the innovative HF Black wax guards

- › Highly moisture-, dirt- and cerumen-repellent
- › Practical and easy to use
- › Robust and low-maintenance
- › Low-distortion with up to 90% soiling
- › Acoustically transparent
- › The service life of the hearing systems is extended

The Microsafe microphone filter

The world's first replaceable microphone filter system for custom models effectively reduces wind noise directly at the ear. The integrated filter, which can be changed from outside, systematically blocks out disruptive wind noise without impairing the speech signals. It also protects against soiling.

Result: improved hearing comfort and longer service life of the hearing system. With a diameter of just 1.85 millimeters, Microsafe is much smaller than the wax guards. Standard with all semi-modular custom hearing systems. Available in the colors beige, brown, and mocha.



\varnothing 1.85 mm

Ordering options for custom hearing
systems

The Pro-Vent

The optimal design of the vent in custom hearing systems must represent a good compromise between sound quality and freedom from occlusion.

Modern computer-guided processes combined with vast experience have resulted in an optimized vent design, the Pro-Vent.

The Pro-Vent comes in two versions:

EquiVent

The aim is an extremely small custom hearing system that delivers acoustically equivalent performance to a round vent (AEV – acoustically equivalent vent).

ComforVent

The aim is to find the best balance between freedom from occlusion and a pleasant sound (AOV – acoustically optimized vent).



EquiVent
for reduction in size

Comparison:
conventional vent

Surface protection

Special coatings protect all hearing systems from soiling. Additional sealing offers extra protection for selected hearing systems.

The standard **ComforClean** coating prevents soiling and moisture of all kinds, e.g., cerumen, sweat and dust, from sticking to the surface of the hearing system and causes it to simply roll off. This protects the hearing system and makes cleaning particularly easy.

Optionally the custom hearing systems can be coated with the **ComforMed** nanofinish. ComforMed uses the fungicidal and biocidal effect of pure silver to combat bacteria and germs. This increases the wearing comfort of custom hearing systems considerably by promoting good climatic conditions in the auditory canal, thus preserving the ear's natural equilibrium.



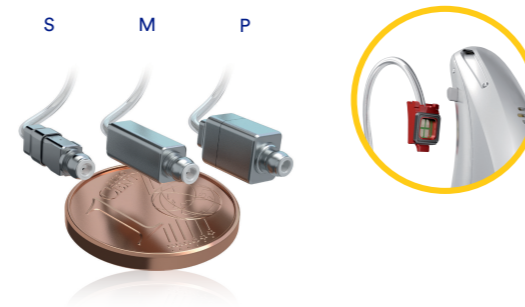
Fitting accessories RIC hearing systems

Numerous options – flexible solutions:
External receivers and ear molds

Small external receivers – big on power

The proven external receivers – the ideal solution for any hearing loss and any ear

- › 3 amplification versions
- › Up to 5 different lengths
- › Space-saving and robust receiver connector
- › Optimal positioning of the receiver in the auditory canal



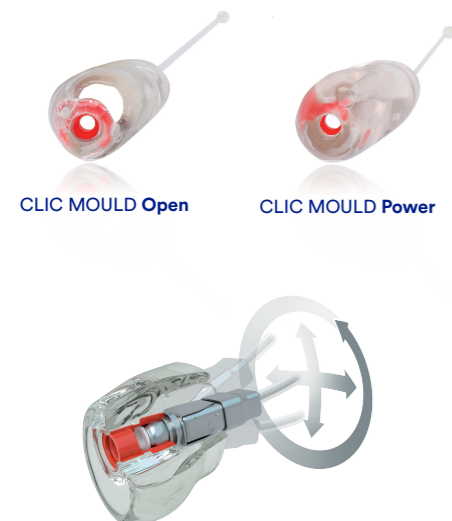
Customized fitting of the RIC hearing systems with CLIC MOULD 2.0

CLIC MOULD 2.0 is the ear mold for external receivers. The mini receivers and the small **HF 4 Black** wax guards allow very small CLIC MOULDS to be made for an even more cosmetic fit.

- › Fits all 3 amplification versions of the external receivers
- › 2 versions: Standard and Long
- › 2 designs: Open and Power
- › Compatible with the AudioFix system
- › Clic Ball for customized alignment in the ear and optimal hold

Advantages of CLIC MOULD 2.0

- › Easy to use
- › Secure and reliable hold
- › Professional CLIC system
- › Receiver can be rotated 360° for optimum alignment in the ear



quiX fitting versions

There are three different standard ear molds for quiX hearing systems for immediate fitting.

quiX Mould

Hard, open standard ear mold in 3 sizes: S, M and L.

Click Sleeve

Flexible and soft, adapts perfectly to the geometry of the auditory canal, 4 sizes, each with an open (vented) and closed design.

Click Dome

All sizes and versions can be used.



Immediate fitting with Click Dome and Click Sleeve

Click Domes and Click Sleeves are the ideal solution for fitting Audio Service RIC hearing systems quickly. Your customers can take their hearing system away with them and try it out immediately. Different designs and sizes of the domes or sleeves offer a great deal of flexibility, even with immediate fitting.

The **Clic Ball** of the external receiver can be rotated after it has been clicked into the dome or sleeve. This ensures excellent wearing comfort and a perfect fit in the ear.



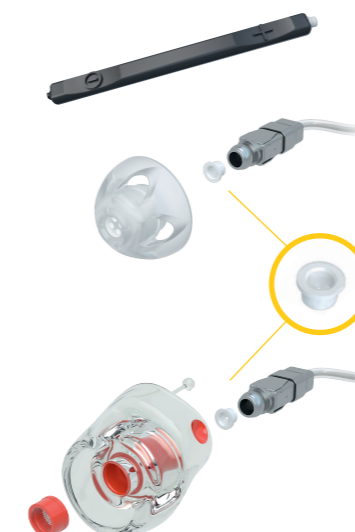
Filter systems

The external receivers include **exchangeable RIC wax guards** which protect the receivers from soiling. The wax guards are available with a extraction/insertion tool as an accessory.

Our tip: change the RIC wax guards at every service.

With immediate fitting, the latticework integrated in the dome or sleeve and the RIC wax guard together offer **dual protection**.

The external receivers are also perfectly protected with customized fitting with CLIC MOULD: the **small HF 4 wax guard** in combination with the RIC wax guard guarantees double protection against cerumen, dirt and moisture.



Fitting accessories BTE hearing systems

Practical solutions for
the classic system

Audio Service ear molds

We offer a comprehensive range of acrylic and Biopor® ear molds for all BTE hearing systems:

- › Large selection of shapes
- › With different vents
- › Impression data are stored for at least six months, so a custom hearing system can be produced on request based on these data
- › As standard with serial number
- › Wide choice of colors
- › Up to three colors in a soft ear mold
- › Embellishments, such as colorful flowers, are possible

All ear molds can be perfectly adjusted to the individual needs of the customer – see the order form for details of the many options.

Acrylic ear molds

- › High fitting accuracy with computer-assisted production
- › ComforClean coating to repel moisture and dirt, as standard. Other surface finishes are also available

Ear molds made of Biopor®

- › Ideal for pressure-sensitive ears and advanced hearing loss
- › Available in three Shore hardness levels: 70, 40 and 25 Shore



Examples of various styles and colors

Open Tip

Audio Service Thin Tubes with Open Tip for immediate fitting

- › Quick-start option for open-fitting systems
- › For immediate fitting



Thin Tube

The Thin Tube makes models even more discreet and ensures a perfect fit in the ear.



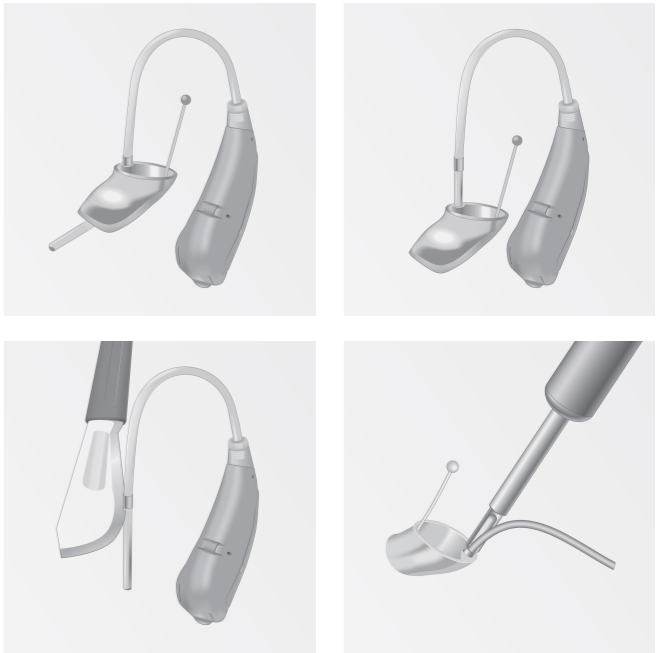
Audio Service AudioFix

The impressive, customized solution for open BTE systems: AudioFix with Audio Shell. The AudioFix clamping system is designed so that the variable-length tube with the Audio Shell can be aligned perfectly on the ear and individually secured in place.

- › Particularly discreet and reliable
- › Rapid tube replacement thanks to an intelligent clamping sleeve
- › Audio Shell provides an extremely open and cosmetically attractive solution
- › Securely held in the ear and hence ideal for spectacle wearers
- › Extremely easy to use

Advantages of AudioFix

AudioFix enables you to demonstrate your expertise and convince your customers of the added value of a customized hearing system fitting.



Additional accessories All designs

Audio Service batteries

A very unique service: we offer special battery packs that can be personalized with your logo.



Versatile tools

A range of appropriate and intelligent tools facilitates the services you can offer your customers.





Specifications

All measurements were performed with 2 ccm couplers (where applicable) according to ANSI S3.22-2014 and IEC 60118-0:2015.

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