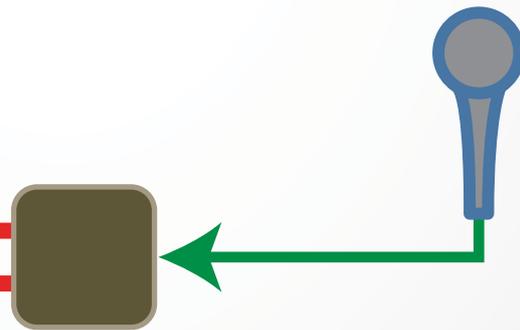
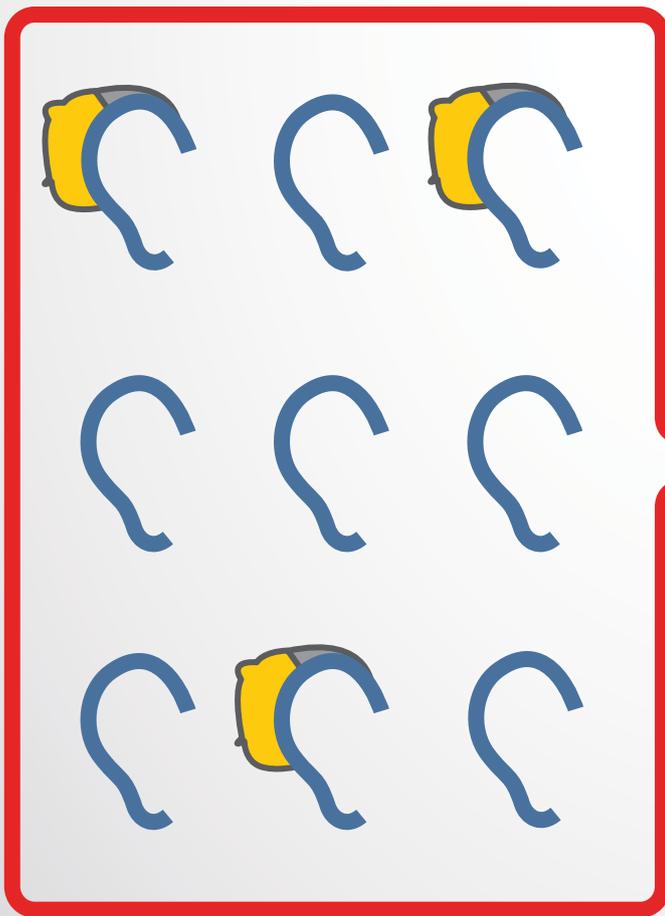


Canadian Hearing Products
Review 2015 Inside!

Canadian Hearing Report

Revue canadienne d'audition

Vol. 10 No. 1
2015



Getting in the Loop

Thoughts On Loops

Hearing Beyond 2 Meters



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Let's get looped! In all truth, we won't feel a good buzz until we increase our signal-to-noise ratio (SNR)! It's a well-known fact that the biggest complaint by

those wearing hearing aids is background noise. Outer hair cell loss causes mild-moderate SNHL and reduces frequency resolution which in turn, reduces speech intelligibility in noise. Inner hair cell loss is even more destructive, causing further reduced speech discrimination ability even in quiet!

Research by Brian Taylor AuD has shown that SNR typically decreases as we move from soft to loud listening situations. That is, as background noise increases from soft to loud, speech also increases, but our vocal effort *does not* increase in a 1-to-1 manner along with the noise. It has also long been shown by people like Mead Killion PhD, Gus Mueller, PhD etc., that for those with normal hearing, a +5 SNR is an easy listening situation and a 0 SNR is a challenging one. For mild-moderate SNHL however, the numbers simply bump up by about 5 dB; for this population, an SNR is 10 is easy, while an SNR of 5 can be challenging. With worse hearing loss, even more SNR is required. So, there's reason for the season to increase SNR.

Audiologists and HIPs may know a lot about hearing related matters, but in all truth, we do not really tend to know much about loop systems. Along with the usage of T coils in hearing aids, loop systems had faded into the past. Perhaps this is because FM systems became miniaturized. In addition, the plethora of Bluetooth remotes, gadgets and dongles that come with today's hearing aids, emerged on to the scene. All too often however, these gadgets require

a love of technology that is not shared by today's older people. In contrast, loop systems offer a *far simpler solution* to the SNR problem. What's more, they are relatively inexpensive. What's even better is that "They're baaaaack!"

We've got three articles here on loop systems to be used with T coils in hearing aids. Rose Simpson, veteran freelance writer (and now working with Andrew John Publishing), has contributed articles before (*Signal, Allied Hearing Health*), on the advantages of loop systems. She gives the layout of the looped landscape, introducing us to some of the key players upon it: Juliette Sterkens AuD in Wisconsin, Dave Myers in Michigan, Bill Droogendyk, proprietor of Better Hearing Systems of Troy, Ontario, and Tim Archer, CEO of Advanced Listening Systems of Victoria BC. She also pulls no punches in identifying some of the sources of T coils and loop systems disuse, one of those being the hearing industry itself! She also identifies another widely held misconception about T coils and loops systems; namely, that they benefit only those with hearing aids that have T coils. Read her informative article to find out how this is not true and also, to find sources for further reading!

Bill Droogendyk and I may share a Dutch heritage, but he speaks Dutch far better than I do. Over the past few years, Bill has been invited to speak about loop systems and his experiences installing them, to the HIP students at Conestoga College in Kitchener. He is a patient and knowledgeable person, who has been a big part of a loop system awakening or renaissance in Canada. I've asked him to write a slightly more technical article on loop systems and how they work, and he graciously agreed (psst! if you ever want a short turn-around time for an article request, ask Bill).

Tim Archer is kind of like the Bill Droogendyk of Western Canada, and we've met for coffee in Victoria a few times now. He has kindly offered a collection of five consumer-oriented vignettes that he wrote on loop systems, T coils and their usage. Readers are invited to use these in their clinics, as a way to explain to clients the: who, what, when where how and why of loop systems. By the way, Tim is the guy who managed to get VanCity credit unions of BC to install loop systems in all 57 of their branches!

A loop system demo in your waiting room or office is a sure-fire way to feel the buzz of loop systems, and by that I mean: a great way to learn and experience them first-hand for ourselves. Give Bill or Tim a call!

The landscape of hearing health sciences, and the way professionals practice and manage patients is ever changing. The most noticeable of these changes are with the products and services available to the professional and the patient. Once again, Canadian Hearing Report is pleased to present the annual Canadian Hearing Products Review for 2015. Leading manufacturers of hearing aids, as well as testing and fitting equipment, and providers of services for the hearing health professional are all at your finger tips with this issue. This directory is an excellent resource to help you find the products and services you need, and we encourage you to visit the web sites of those companies within these pages. Making an effort to stay current as a professional health care provider is critical in ensuring the best patient care; we hope that this issue of Canadian Hearing Report will help in these efforts.

Ted Venema, Editor-in-Chief

Canadian Hearing Report 2015;10(1):3.

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*) Peer-reviewed & accepted for publication in Journal of Educational Audiology, Schafer EC, Sanders K, Bryant D, Keeney K, & Baldus N (2013) Effects of Voice Priority in FM Systems for Children with Hearing Aids.

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Getting in the Loop

By Rose Simpson



About the Author

Rose Simpson is an Ottawa writer and editor whose work focuses on consumer health and safety and medical professional development. She is the former editor of Audio Infos Canada and Canadian Psychiatry Aujourd'hui, and was a speechwriter for the federal and Ontario ministers of health.



Photo of a univox system which is a portable loop for a car or living room.

There was buzz going around the spring conference of the Canadian Hard of Hearing Association (CHHA) in 2014.

For the first time, many delegates to the conference, which was held at the Royal York Hotel in Toronto, could actually hear the speakers clearly without having to sit close and read lips. People were

getting emotional. A few people were actually crying.

Before each session, delegates were advised to turn on the little switches to activate the T-Coils that connected their hearing aids wirelessly to the microphones set up around each room.

Participants would say later, they felt that finally, they were in the loop. It was all part of a partnership between the Canadian Hard of Hearing Association, Better Hearing Solutions of Ontario, Thorvin Electronics of Ontario, and Advanced Listening Systems of B.C. – companies that specialize in the distribution and installation of hearing loop systems.

By all accounts what happened next was miraculous.

“Suddenly the speaker’s voice went directly into their ears and they could hear what was being said,” recalled Robert Corbeil, the association’s national executive director. “It was just amazing.

You could see in the faces of many people – the ‘wow’ effect; it was great.”

Many of the delegates had heard of hearing loops before but few had used them. Hearing loops aren’t as popular here in Canada as they are in Europe where they have been in use for more than five decades.

Assistive devices are actually mandated by legislation in Great Britain and some other countries so hearing loops are in use in shopping malls, banks, schools, modes of transportation and entertainment venues.

Mostly, hearing loops in Canada are found in a smattering of churches and halls which have been fitted by enterprising volunteers. Some people use them in their living rooms to watch television. Rarely have they been used in businesses or public institutions.

The CHHA is hoping to change that. This year, it is developing a strategy to increase public awareness about the benefits of looping and other assistive devices to ensure that, once and for all, hearing is no longer considered the “invisible disability”.

Its efforts come on the heels of a growing, grassroots movement in the United States spearheaded by the Hearing Loss Association of America, which is calling for greater accessibility for people with hearing loss as well as key legislative action to give teeth to their efforts.

At the centre of this sea change stands Juliette Sterkens (AuD), an award-winning, Wisconsin-based audiologist who has the lonely business of travelling America on behalf of the HLA. Sterkens goes from community to community spreading the world,

engaging consumers, professionals and businesses. Her efforts are funded by grants from the Carol and David Myers Family Foundation.



Juliette Sterkens

Thanks to her influence, more than 400 hearing loops have been installed in her native Wisconsin alone.

Advocates like Sterkens have been encouraging Americans who suffer from hearing loss to speak up and demand looping services in their churches, businesses and other institutions. She is also sounding a rallying cry among hearing health care professionals to do better for their patients and offer them hearing solutions that go beyond in-ear devices.

“Hearing health care providers put too much faith in hearing aids and CIs,” Sterkens said in a recent interview. “They put too much faith in upgrading to more technologically “advanced” hearing aids. But even the best hearing aids cannot give a person with hearing loss normal hearing nor can hearing aids restore the user’s auditory processing issues, just like new running shoes don’t make you a marathon runner.

“Plus hearing aids cannot overcome poor acoustics, distance and background noise that occurs from all around. Yes, new directional microphones can make a difference if the noise is less than six feet away, but that’s only if the noise is behind the person and if the person’s auditory processing issues are not too involved.”

Sterkens, her colleagues and volunteers are getting the message out through the media, professional magazines, webinars and presentations at conferences. Her message is clear: hearing health care providers have an obligation to provide better solutions for their clients, ones that are more tailored to their needs and quality of life.

NEW FRONTIER IN CANADA

Robert Corbeil of the CHHA admits his organization and others including the Canadian Hearing Society have a battle on their hands. Until recently, there has been no public will to offer better hearing solutions, outside of hearing aids, to those with hearing loss. There has been no legislation, no outcry by consumers and little support from the hearing health care profession.

But that may be changing. In January, changes were made to the Accessibility for Ontarians with Disabilities Act (AODA) which will now require businesses with more than 20 employees to better serve their clients who have disabilities. The government of B.C. is also committed to decreasing barriers and increasing accessibility for people with disabilities. Its document, Accessibility 2024, lays the roadmap for making B.C. the most progressive province in Canada for people with disabilities by 2024.

Legislation in Europe and the United States has given advocates a basis on which to hang their hopes, but it is still unclear whether stronger legislation will make a difference here in Canada.

For example, in its support material, mailed to businesses in advance of its legislative changes, the Ontario government only mentions assistive devices once and there is no suggestion

that businesses include signage that they are hearing friendly. Business owners are only encouraged to tell staff to speak clearly and face a person with hearing loss.

THE ROLE OF THE HEARING INDUSTRY

Juliette Sterkens believes that the hearing industry itself could do more to help North American Society embrace assistive technologies.

“The hearing industry is not really fully supporting this movement,” Sterkens says. “In fact, (manufacturers) recently announced that they are going to work to bring about a new digital wireless standard for hearing aids. The question is whether this will happen anytime soon.

“Some experts predict it will take five to ten years, some even suggest it may never happen.”

When the hearing industry makes this kind of announcement, she says, it could discourage audiologists or consumers from bringing looping into their communities. After all, if a new wireless standard will happen “soon,” why would anyone bother with the hardwire installation of loops?

Sterkens believes loops need to be installed immediately to help today’s hearing device users.

“When a new wireless standard does happen, be it five or ten years from now, we will work just as hard for places that have a loop installed to add a small wireless transmitter for the new hearing aids to work side by side with the loops for as long as people still have T-Coils.”

WALK THE TALK

The good news in Canada is that there are hearing and industry professionals willing to take up the cause, to make a difference, community by community.

Lynne McCurdy of Wellington Hearing Care in Guelph, Ontario, recently installed a looped system in her waiting rooms.



Lynne McCurdy

“I’ve been aware of looped rooms for many years but wished that there were more of them around. The technology is great but is under-utilized. It would be great if more buildings would offer them.”

She hopes that hearing professions will take more of an interest in the technology.

“I don’t think audiologists and HIPs are always well trained or even think about looped systems much since there are so many other wireless technologies that are so popular now but unfortunately most of them are not easily accessible to the masses at such a cheap cost to the consumer.”

Jerry Laufman of Lincoln Hearing in Beamsville, Ontario, agrees. He cites a number of roadblocks including a lack of qualified installers across Canada and a lack of public knowledge that the technology even exists.

“I’m a big fan of loop systems,” he says. “Anytime you can achieve a “direct

audio signal” to your ears, you will achieve the best in sound quality and speech understanding. This applies to normal hearing and hearing impaired individuals.



Jerry Laufman

“It is like using your personal headset of tuned headphones. Using a direct signal reduces variables like poor room acoustics, echoes, distance from speaker, speaker not facing you. Accents are easier to understand and loops significantly reduce background and interfering noises.”

They can also reduce the stigma associated with the wearing of hearing aids.

Doug Fisher, a volunteer at All Saints’ Anglican Church in Ottawa, polled parishioners before installing a second assistive system recently. He says most parishioners didn’t like the idea of wearing a necklace or headsets to listen to sermons and the choir. He said parishioners liked the fact that their devices were not obvious to others.

The fact that people who wear hearing aids feel self-conscious about them continues to be a problem. If people don’t speak up and demand the services, if they are unable or unwilling to, advocate for themselves, how will others know that our society can do better for people with hearing loss?

Some believe change may simply begin at the audiologist’s office, that hearing clinics need to begin to educate clients on the importance of the T-Coil.

Hugh Mitchell, past president of the Victoria chapter of the Canadian Hard of Hearing Association, who wears a cochlear implant and uses his T-Coil every day, says many audiologists aren't aware of the importance of the T-Coil.

"I really want audiologists to become more aware of the usefulness of T-switches. In my experience, they really don't give much credit to a T-switch; and they don't encourage clients to have them put into their hearing aids. I've heard of an audiologist that told a person she didn't need it."

The looping industry also has a role to play. Currently, there are few companies, including Better Hearing Solutions in Ontario and Advanced Listening Systems in B.C., who are qualified to install hearing loops which require expert knowledge of the positioning of each microphone and the installation of wiring. Because Canada is such a large country, travel adds to the cost of installation, so what may be needed is a training and apprenticeship program here in Canada for individuals to qualify them to install loops at a reasonable price.

In the meantime, Bill Droogendyk, proprietor of Better Hearing Systems of Troy, Ontario has become a tireless advocate for hearing loop technology, lecturing to audiology/HIP students at Western University, Conestoga and George Brown colleges.



Bill Droogendyk

Droogendyk's journey began as a volunteer when he was asked to install a loop system at his church. Since then, and after training in three programs in the U.S., he has installed more than 40 systems: two in Alberta and the rest in Ontario. Most of the systems are in churches.

He has also installed a system in a lunch/boardroom at Unitron. The room seats about 100 people.

"We hold seminars and things for the public and for our customers who are audiologists and dispensers," says Sheila Douglas, AuD, an audiologist and technical support for Unitron. "So when they come here for meetings, it's nice they can hear what's going on."

Tim Archer, CEO of Advanced Listening Systems of Victoria, is another entrepreneur who isn't waiting for legislation to take effect in Canada. Following the testing of four mini loop systems as a pilot project at a Vancity Credit Union branches in Victoria and Vancouver, he installed similar systems in 57 branches of the Credit Union. It works similar to a looped room except the range is small, only within a metre or two of the teller where the loop is installed.



Tim Archer

"Vancity's installation has allowed not only better access for their clients, but also for their hard of hearing employees and has had very positive feedback from the hard of hearing community," says Archer who is also spearheading efforts

in British Columbia to get the province to better serve those with hearing loss.

WHAT HEARING PROFESSIONALS CAN DO

Juliette Sterkens has this advice for hearing professionals who want to help promote the technology and help educate patients and others in their community about hearing loops.

She recommends that AuDs/HHPs start by educating themselves, and:

- Install a hearing loop in their waiting and/or treatment rooms
- Demonstrate the loop to each and every client *as well as* their significant others
- Offer clients materials to bring the technology to the attention of their churches (that is where loops can quickly gain momentum). See <http://www.loopwisconsin.com/PDFFiles/Card3.pdf> and <http://www.hearingloop.org/00TechWorship.pdf>
- Donate funds towards loops or encourage their clients to make a difference
- Educate their community on the benefits of loop technology by public speaking and holding special "Hearing Loop Community Events"
- Reach out to AV engineers, refer them to articles in the professional audio magazines on looping and encourage them to attend training in the IEC Hearing Loop Standard
- Invite speakers to their professional conferences to present on hearing loop technology

"Yes this will take time – but most worthwhile things take time and are rarely easy," she says. "But to hear someone say they could hear every word at a wedding, a meeting or a play – makes this work very worthwhile."

FURTHER READING

1. http://www.hearingresearch.org/ross/hearing_aid_use/hearing_aid_services_and_satisfaction_the_consumer_viewpoint.php
2. <http://www.hearingreview.com/2014/09/consumer-perceptions-impact-inductively-looped-venues-utility-hearing-devices/>
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8. A “How to Guide” for Practitioners at www.loopwisconsin.com/PDFFiles/ADA-invigoratepracticeLR.pdf and “Telecoil Essentials” at www.loopwisconsin.com/PDFFiles/ADA-getinloopJS.pdf
9. “Roadmap to a Looped Community” article (with permission from American Academy of Audiology): www.loopwisconsin.com/PDFFiles/SterkensATMayJun.pdf
10. “Hearing Loops: The WOW Factor—Hearing Beyond 8 Feet”, an AudiologyOnline webinar at: www.audiologyonline.com/audiology-ceus/course/hearing-loops-wow-factor-beyond-24045
11. Tools and useful resources created by Academy of Audiology and Hearing Loss Association of America Get in the Loop Joint Task Force at: www.audiology.org/publications-resources/consumer-information/get-hearing-loop and <http://www.hearingloss.org/content/get-hearing-loop>
12. http://www.hearingloop.org/SoundCommunicationsArticle_2010.pdf

Canadian Hearing Report 2015;10(1):6-10.

Loud and Clear: Thoughts on Hearing Loops

By Tim Archer



About the Author

Tim Archer is co-founder of Advanced Listening Systems Limited and lives in Victoria. In addition to assistive listening, Tim has extensive experience in the audio field including sound design for theme parks, IMAX films and special venues including the audio design for the “Fly Over Canada” exhibit at Canada Place in Vancouver BC. Advanced Listening Systems Limited (ALSL) designs and installs assistive listening systems in public places across Canada- including Infrared, FM, and Induction Loop Systems. ALSL recently supplied induction loop systems to all 57 branches of Vancity Credit Union as well as all 146 HSBC branches across Canada.

EVERYTHING OLD IS NEW AGAIN

There’s a new “old” technology that most people are not aware of called the **audio induction loop**. It’s “old” because it’s an analogue technology that has been around since the 1940s. It’s “new” because it is only now rising to awareness through businesses and health care providers that are serving the hard of hearing communities around the world.

In simple terms, it is a system that allows audio sources to be directly connected to a hearing aid’s built-in wireless T-coil receiver, also known as **telecoil** (from “telephone coil”). The T-coil is intended to help the wearer filter out background noise, enabling the person to hear the speech or audio source much more clearly. At present, approximately 75% of all hearing aids being manufactured are already equipped with the T-coil receiver built in. The unfortunate thing is, very few businesses and public facilities in Canada are equipped to transmit the audio signal (microphone, public address system, music, etc.),

so the benefits of this very helpful technology are lost. If nothing is being transmitted, the T-coil has nothing to receive.

Where this technology excels and greatly improves accessibility to our hard of hearing community is in public facilities such as meeting halls, theatres, churches, banks, etc.. In addition, induction loop technology is an international standard that allows its users to be “in the loop” anywhere in the world where a hearing loop is installed.

So if this is such a great benefit to those who suffer from hearing loss, why haven’t we heard of it? Why aren’t more businesses installing these systems to assist the hard of hearing? In some parts of the world, such as the U.S., audio induction loops are becoming quite common and can be found in many facilities. In the U.K., its implementation has actually been legislated, making it mandatory for businesses to make assistive listening technology accessible to all. In Canada, we are only just beginning to recognize its tremendous

value and contribution to the hard of hearing community.

The best way for all of us to make this technology more widely available and accessible is by raising awareness and strongly encouraging all businesses, private and public, to “get in the loop.” Next time you go to your bank, pharmacy, doctor’s office, theatre, house of worship or favourite coffee shop, ask if they have a hearing loop system installed. If enough people request it, they will be more likely to consider installing the system(s). And, by the way, it’s all part of abiding by the Accessibility for Ontarians with Disabilities Act (AODA) which requires accessibility for all who are impaired in some way. Let’s not overlook the invisible disability: “the hard of hearing.” Let’s do our part in making it Loud & Clear.

ARE YOU LOOPED?

“Looped? I haven’t had a drink in years! Ohhhh...you mean have I got a hearing loop? Why should I be looped?”

If you own a business, a board room, a customer service counter, a ticket booth, a drive-thru service, a public address system in a large hall or theatre, and more, then you have an amazing opportunity to serve the hard of hearing community and *signal that you care*. By installing a simple audio induction loop system in your facility, people who wear hearing aids will thank you for addressing their needs in those noisy spaces and places where intelligibility is virtually impossible.

For people who wear assistive devices such as hearing aids, many public places are just too noisy for them to effectively communicate with the rest of the world. When trying to discern what the speaker is saying to them, the surrounding noise or echoes make it impossible for them to hear clearly, so they simply avoid them when possible. In these settings, an audio induction loop, aka hearing loop, is a most effective solution to their problem.

An induction loop system transmits magnetic energy to telecoil-equipped hearing aids through a wire that surrounds a counter, a room, an

audience, and so on. When a sound source is transmitted through a loop system, the telecoil circuitry of the hearing aid receives that source very clearly without the distraction of the surrounding noise, making it much easier and more appealing for the person who is hard of hearing. By simply selecting the T-Coil setting on their hearing aid, the transmitted signal reaches their ear directly.

In some parts of the world, such as the UK, assistive listening technology has actually been legislated in order to provide accessibility to all people. In Europe and the US, hearing loop installations continue to spread as a result of its growing demand and effectiveness. In Canada, people are just now starting to “hear” about this technology but it is rapidly reaching people’s ears and many businesses are now recognizing the importance of serving their community by looping their facilities. Most recently, as a result of their “teller loop” installations, **Vancity** (Vancouver City Savings Credit Union) received the “**Access & Inclusion Awards 2013**” which recognizes individuals and organizations who promote activities

that enhance accessibility and inclusion of people with disabilities in all aspects of community life. We congratulate them and celebrate this commitment to the community with them.

The good news in all of this is that this technology is very affordable and represents a very small investment for such a huge return in terms of customer service, appreciation and goodwill. Every business should be part of making it loud & clear.



“T-COIL.” “T-WHAT?”

Every person who owns a hearing aid should know what a T-coil is. Why don’t they?

“T-coil” or “telecoil,” taken from “telephone coil,” are terms used to describe a wireless induction receiver that picks up the electromagnetic field from a telephone handset or induction loop system. This field is then converted into an analog sound that can be transmitted through a hearing aid to the ear.

Telecoil technology should be part of all hearing aids manufactured today. At present, only about 75% of them have the T-coil built in. In the interest of designing hearing aids that are smaller and less obtrusive or visible, manufacturers have, in some cases, begun eliminating the T-coil from the units altogether. The down side is that these hearing aids are not able to receive the audio signals that are being transmitted by more and more



Figure 1. There are many different symbols for Loop systems. Note most have a small “T” included, while some have wiggly lines indicating electro-magnetic transmission. Consumers should be educated by hearing health professionals to look for these.

businesses and public facilities that have installed hearing loop systems to better serve the hard of hearing community.

The international symbol above is a sign that the area you are in has a hearing loop system installed. By switching your hearing aid to the “T” (for T-coil) or telephone position, you will be able to hear a clear audio signal that in large measure will remove the distracting background noise interference and allow you to hear the sound source more intelligibly. This is especially helpful in public spaces and halls which are naturally very reverberant and noisy. How often have you gone up to a service counter such as a bank, ticket booth or concession stand for example, and not been able to hear the person speaking to you? With a simple flick of the switch you can select T-Coil (T) on your assistive listening device and “voilà” – the voice is crystal clear with very little interference from the surrounding noise, provided of course that the establishment has installed an induction loop system to better serve you.

When selecting hearing aids that best suit you, make sure you consider a model that is equipped with the T-coil circuitry. Ask your audiologist or hearing aid specialist to recommend a model that will let you hear what’s going on around the world – the “T-coil” world. Let’s spread the word and make it *loud and clear*.

“HAROLD, TURN THE TV DOWN!” “WHAT?”

Does this sound familiar to you? Do you find yourself needing to listen to the television or stereo at volumes that are uncomfortably loud for others in the room? If so, it just might be time for you to consider looking into assistive listening devices.

Though there are many different devices available to those of us suffering from hearing loss, for now we will focus more specifically on hearing aids and T-Coils. Once you have humbled yourself enough to book an appointment to have your hearing tested by a qualified audiologist or hearing specialist, the

next step might be to acquire hearing aids that are customized to your specific hearing needs. At this stage we would recommend that you seriously consider models that incorporate the T-Coil circuitry. Not all hearing aids have them built in but most are available with that technology in place. Why is this important? Because with that feature, you are now equipped to receive the audio loop transmissions that more and more public places are using to help the hard of hearing community. By selecting the “T” or “T-M” setting on your device, you can receive a clear audio signal from the source such as a microphone or public address system, thus bypassing much of the distracting surrounding noise in difficult acoustical settings. (More on the subject of T-Coils and how they work at www.advancedlistening.ca.)

So now, back to the TV Room. By installing a simple and relatively inexpensive audio induction loop system in your entertainment room, you are now set to receive a very clear audio signal directly into the telecoil “T” circuitry of your hearing aid. With the flick of a switch and the use of a small remote control device for volume, you can now enjoy your favourite television programs, movies or music at an audio level that suits you without having the rest of the family screaming at you to “turn it down!” In fact, the volume on the TV can even be turned right off while you have complete control of the sound level reaching your ears. And by the way, you can finally crank up your favourite Perry Como album and not bother others who are trying to sleep. I’m just sayin’...there’s probably a system out there that’s just right for you. Make sure you consider T-Coil when you’re ready to take that next step to making it *loud & clear*.

How does a “Loop” Work at Home?

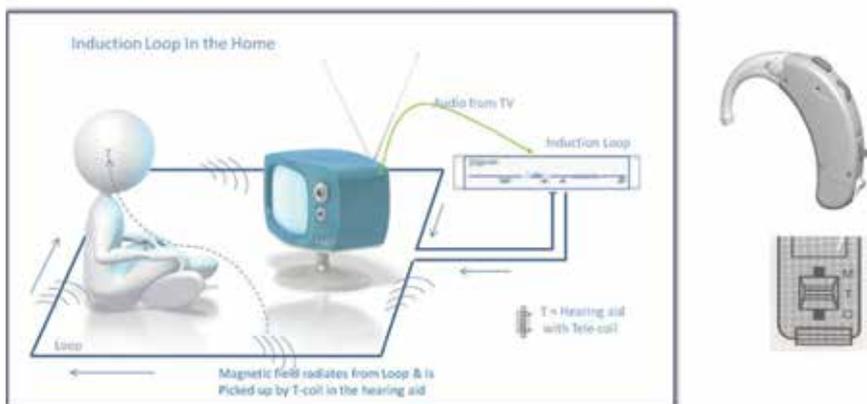


Figure 2. Loop systems are not only intended for rooms with audiences. They can also be used at home as a private assistive device for better listening; for example, television. Note how the Loop in this case is relatively small. The main principle however, remains the same; namely increasing the signal-to-noise ratio of the television.

How does a “Loop” Work in a Bank?

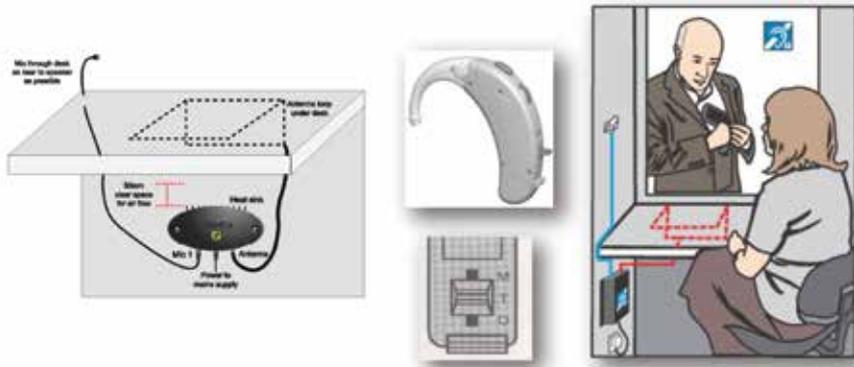


Figure 3. In addition, Loop systems are not only intended to surround rooms with audiences. They can also be used to enhance one-on-one communication in public institutions, such as banks. Note how the Loop system is placed beneath the teller's counter and the microphone is also nearby; this picks up the teller's voice. Once again, the result is an improved Signal-to-Noise ratio for the teller's voice. Image reproduced by kind permission from Dr. Neil Bauman.

DO YOU HEAR WHAT I HEAR?

As we celebrated another joyous Christmas season, many of us have attended special services at local churches and places of worship. It's unfortunate that most of these facilities are not yet equipped with audio induction loops to assist those who are hard of hearing.

Typically, large venues like churches are very reverberant and the sound travels everywhere, reflecting off of the hard surfaces, making it very difficult to discern the spoken word coming from the podium or lectern. The speaker may very well be imparting an important message but it doesn't reach the person's ears due to the garbled audio signal that is bouncing around everywhere. More and more such facilities are now installing audio induction loop systems to overcome the inferior acoustical properties of these spaces. In doing so, those in attendance who wear hearing aids can switch to the T-Coil setting on their devices and receive a nice, clear audio signal directly into the ear, free of all the distracting echoes and reflections of the room.

Though there are several places of worship that have installed such systems, there is still a long way to go. The vast majority are not even aware that this assistive technology even exists. If the goal is to reach the masses, we must not overlook those who need help to hear what you hear. We need to spread the word, so to speak.

The good news is that this technology is relatively inexpensive and quite

affordable to the church communities when financial management is of prime concern and importance. There are many examples on the internet that demonstrate the effectiveness of audio induction loops in churches and places of worship.

To give you just one example of a Hearing Loop Demonstration, you can visit www.youtube.com/watch?v=XOKuf_Eu1J4 to hear the improved difference.

So now what? The best place to start is by speaking with the leadership team at your local church or place of worship and request that they examine and consider installing such a system to assist the hard of hearing in their church family. For more information, they can contact us by visiting our website at the address below.

“Do you hear what I hear?” – “Loud & Clear!”

Advanced Listening Systems Limited
www.advancedlistening.ca

Canadian Hearing Report 2015;10(1):11-13.

Loop Systems at VanCity Credit Union



Vancity Credit Union is the first financial institution in Canada to install audio induction loops at the teller wickets in all 56 branches in British Columbia.



Figure 4. It is heartening to see that one of BC's largest Credit Unions is now routinely using Loop systems. May they be only the first to do so!

Meeting the Challenge of Hearing Beyond 2 Meters

By Bill Droogendyk



About the Author

Bill Droogendyk, owner of Better Hearing Solutions, specializes in assistive listening systems. Bill has over 30 years of experience in the field and is a graduate of several manufacturers' programs: Hearing Loop Specification, Design and Installation, Hearing Loop Integrator and Advanced Hearing Loop Systems. Bill guest lectures to audiology students at UWO and Conestoga and George Brown Colleges. As a member of CHS and CHHA, Bill tirelessly promotes the underutilized hearing loop system in Canada.

Modern hearing instruments (aids, devices) provide significant benefit to persons dealing with hearing loss. Testimonials abound about hearing sounds, such as the song of a bird, the chatter of a child, or the sweet strains of some favourite music that have not been heard for far too long. While sounds of interest are enjoyed once again, noise – sounds we don't want to hear – are back too. In addition, the problem of noise increases as the distance to the sound that we want to hear increases. Intelligibility suffers. This problem of distinguishing sound from noise (SNR) is often most evident in the beyond 2 meters, peopled, acoustically unfriendly environments – places like the home TV room, a boardroom and every meeting

space in between up to a church, a concert hall or a stadium.

Distance from the sound source can be a real problem for those wearing hearing aids. Think of the hearing aid microphone as an ever expanding funnel. As one moves further and further away from the sound source, the "funnel" becomes wider and wider. It gathers in more and more sounds, and more and more noises and mixes them all together – decreasing the SNR, intelligibility and listening enjoyment.

Is there a solution? Yes, reduce the distance between the desired sound and the hearing aid. But I'm sitting 25 meters from the lectern on the podium!

Well, what if the microphone in your hearing device was (virtually) on the lectern? Twenty five meters just became 25 centimeters! There's a way to do that?

Yes, it's a simple, invisible, inexpensive and dignified solution and it's been around for years: the hearing loop system, interacting invisibly with hearing aids. The diagram¹ below shows a typical, complete hearing loop-to-hearing aid system.

The venue audio source supplies sound to an amplifier which in turn sends the sound as electrical current through the loop (instead of through an acoustic speaker system). The loop is a wire that's placed around a seating or standing area. The current flowing through the loop creates a magnetic field inside of the loop. This magnetic field, *quite free of ambient noise and reverberation issues*, can be clearly "heard" by simply

switching the hearing aid to the t-coil / telecoil / telephone program. No headsets – inconspicuous, hygienic! No wires to connect – effortless! No pairing – easy! Any brand and model of hearing aid (universal!) that's telecoil equipped becomes a miniature personal speaker providing the customized sound prescribed for the wearer. With a hearing loop, the microphone on the lectern of the auditorium or held by

performer on the stage of the theater, in effect, takes the place of the microphone in the hearing instrument. The acoustic noise gathering distance has been reduced to less than 25 centimeters and SNR has been improved by 15 – 20 dB. Intelligibility has returned! Effective? This comment might describe it: "It sounded like the presenter was inside my head"!

The main elements of an audio-frequency induction loop system

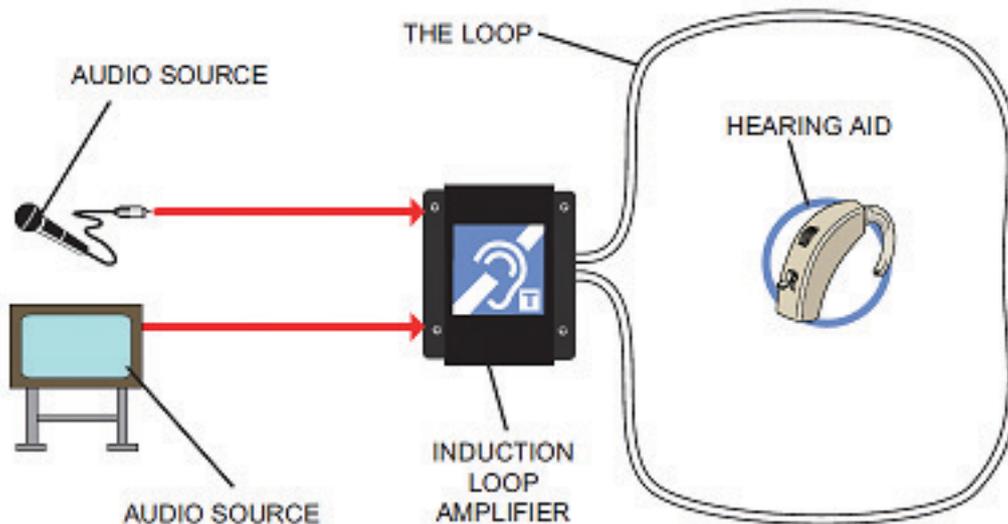


Figure 1. Diagram adapted from Comptonics Limited, UK.

Achieving such results requires matching well qualified systems. Like hearing aids, hearing loops have industry performance standards. Just last year, the revised A117.1 ANSI standard formally adopted, the International Electrotechnical Commission (IEC) 60118-4:2006 standard for hearing loops. This expanded adoption of standards has raised the bar for hearing loop performance requirements. To meet this IEC standard, the hearing loop signal volume level must be within +/- 3 dB of the standard value of 400 mA/m,

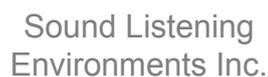
must have a flat (+/- 3 dB) frequency response from 100 – 5000 Hz and the electromagnetic interference (EMI) coming from ambient electrical sources must be at least 32 dB below the loop signal level. All of these standards can be readily met – with proper design and installation. Standard setups result in a uniform listening experience within a given loop system and between all loop systems. Similarly, hearing aid telecoil systems must also be set to ANSI standards to ensure that every hearing aid performs similarly. That standard

requires that a 31.6mA/m input to the telecoil in a High Frequency Average Sound Pressure Level in a Vertical field (HFA-SPLIV) test provides the same acoustical output as the hearing aid microphone provides with a 60 dB SPL input.

Meet the challenge of hearing beyond 2 meters with a hearing loop system! It's a comfortable, dignified, effective, hygienic, inconspicuous, simple and universal hearing solution.

Canadian Hearing Report 2015;10(1):14-15.

Assistive Devices



Boosting performance, enriching lives



The expanded **Phonak Wireless Communication Portfolio** features accessories that boost speech understanding above and beyond a client's existing hearing aids.

Take our two new Roger microphones. These offer independently-proven performance gains of up to 54%¹ over FM and equivalent digital systems. And accessing this performance is simple, because our accessories are as easy to use—and to demo—as pushing a button. Get started: www.easyguide.phonakpro.com

¹ Professor Linda Thibodeau PhD, University of Texas, Dallas, USA, 2013, Comparison of speech recognition with adaptive digital and FM wireless technology by listeners who use hearing aids. International Journal of Audiology

ALL STAR SALES | DizzyFIX | Easy Cure for BPPV

DizzyFIX is a simple, effective medical device for BPPV with no side effects. The DizzyFIX comes complete with DVD in English, French and Spanish, written step-by-step instructional guide, and hat. The DizzyFIX visually guides patients through the particle-repositioning maneuver to achieve successful treatment of BPPV through visual reinforcement. The DizzyFIX is a scientific but entirely non-pharmaceutical and non-intrusive therapy.



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The Sound Pillow has 2 stereo wafer thin speakers buried deep inside a comfortable hypoallergenic plush pillow, great for Tinnitus sufferers. A MP3 player comes loaded with 18 hours of binaural and natural sounds and music. The binaural music slows cardiovascular and respiratory systems, as well as brain activity allowing for deep relaxation and a great sleep. Receive a free gift on your first order.



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Beltone HearPlus™ App



- Privately adjust volume in one or both ears
- Change manual & streamer programs
- Edit and personalize program names
- Adjust treble & bass to your preferences
- Save a program & settings to favorite places
- Activate saved program & settings
- See battery status
- Personalized information about your hearing aid
- Help locate lost or misplaced hearing aids



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Beltone Canada | www.beltone.com
This accessory is compatible only with Beltone wireless-ready hearing instruments.



Beltone Direct myPAL
Freedom to choose the audio source

- Place the Personal Audio Link (myPAL) remote microphone near the TV, or attach to a person speaking
- myPAL captures the sound and sends it straight to your hearing aids
- Hear clear sound from up to 23 feet away
- Easily access on/off switch



Features

- Volume control
- Built-in microphone captures
- Mini-jack connects to radio and MP3 players
- Rechargeable battery connects via USB or wall outlet

Beltone Canada | www.beltone.com
This accessory is compatible only with Beltone wireless-ready hearing instruments.



Beltone Direct Phone Link 2
Freedom to talk on a mobile phone

- Hands-free, Bluetooth-enabled device
- Phone rings right in your hearing aids
- Once answered, a clear, feedback-free speech signal is channeled directly from the phone into your ears



Features

- Mute and program buttons
- Dual microphones and a noise reduction
- Beltone SmartRemote™ app works with the Phone Link 2 to turn an iPhone® or Android™ phone into a full-function remote control.



iPhone is a trademark of Apple Inc., registered in the U.S. and other countries. "Made for iPhone" means that an electronic accessory has been designed and certified by its developer to work with the iPhone and has been certified by Apple to work with the iPhone. Apple is not responsible for the operation of the device or its compliance with safety and regulatory standards. Please refer to the user manual for more information.

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This accessory is compatible only with Beltone wireless-ready hearing instruments.



Beltone Direct Remote Control 2
Total control for the Beltone Personal Wireless Network

- Effortlessly and discreetly monitor and change environmental programs and adjust the volume of your hearing aids



Features

- Adjustable microphone and audio streaming balance
- Mute button
- Improved design with wireless antennae placement
- Color display
- Rechargeable battery

Beltone Canada | www.beltone.com
This accessory is compatible only with Beltone wireless-ready hearing instruments.



Beltone SmartRemote™ App

- Privately adjust hearing aid volume in one or both ears
- Easily change listening programs to suit your current environment
- Reduce the sounds around you when you're using the phone



Adjust volume level and change programs of your wireless-enabled hearing aids. Edit and personalize program names. Adjust volume level when using Beltone Direct Line Wireless accessories to stream audio from sources like TV and stereos directly to hearing aids.



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Beltone Direct TV Link 2 Freedom to enjoy TV

- Experience audio streamed directly to your hearing aids
- Choose to hear or eliminate room noise
- Connect to other audio sources, including home stereos and PCs



Features

- More digital connections allow the Beltone Direct TV Link 2 to connect to almost any television, including the newest models
- Dolby® Digital conversion
- Delay adjustment function

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This accessory is compatible only with Beltone wireless-ready hearing instruments.



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Your hearing • Our passion



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ClearSounds® iConnect A6BT Amplified Cordless Phone with Bluetooth 4.0

The ClearSounds® iConnect A6BT Amplified Cordless Phone with Bluetooth offers all the remarkable sound quality & clarity you would expect from a ClearSounds phone along with the effectiveness of Bluetooth capabilities in the handset. This allows you to easily pair your Bluetooth headset or neckloop—like our new Quattro 4.0—to the handset, providing even more flexibility and freedom of movement. The A6BT also boasts amplification up to 40 dB and a full duplex speakerphone in the handset.



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www.clearsounds.com

ClearSounds® A400 Amplified Talking Cordless Phone

The ClearSounds® A400 Amplified Talking Cordless Phone offers crystal-clear sound quality and interference-free transmission. Providing 40 dB of adjustable amplification with tone control, speakerphone in handset, talking Caller ID and keypad and extra loud ringer with adjustable ring tones, the A400 offers cordless convenience in a powerful package. To complete your system, add up to 4 expansion handsets (A400E) for maximum accessibility.



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ClearSounds® A500 Amplified Talking Cordless Phone with Digital Answering Machine

The ClearSounds® A500 offers crystal-clear sound quality and interference-free transmission plus a high-quality amplified digital answering machine. Providing 40 dB of adjustable amplification with tone control, talking Caller ID and keypad, speakerphone in handset, and extra loud ringer with adjustable ring tones, the A500 is ideal for anyone seeking cordless convenience with the practicality of an amplified digital answering machine. To complete your system, add up to 4 extension handsets (A500E) for maximum accessibility.



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ClearSounds® iConnect A1600BT Amplified Cordless Phone with Bluetooth

The ClearSounds® A1600BT Amplified Cordless Phone and built-in digital answering system offers the sound clarity, intuitive functionality and freedom you demand in a beautifully-designed package. Incorporated Bluetooth now allows everyone who depends on a cell phone for basic communication to benefit from the full range of amplification and frequency control for cell phone calls. The A1600BT also boasts 50 dB of amplification with full-range tone control, full duplex speakerphone in handset and base and talking Caller ID, keypad and phonebook. Complete your system by adding up to 5 expansion handsets (A1600EBT) for maximum accessibility.



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ClearSounds® CLA7V2 Amplified Accessory

The ClearSounds® CLA7V2 Power Neckloop provides the flexibility to connect your hearing aid to cell phones, cordless phones, MP3 players and other audio devices. The neckloop receiver requires T-coil(s) and provides 30 dB of adjustable amplification, a built-in microphone for hands-free communication and 4 connection cables for use with multiple devices.



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ClearSounds® CR200 ClearRing Amplified Phone Ring Signaler

The ClearSounds® CR200 Ring Signaler ensures you'll never miss another phone call again. The bright flashing light and loud ringer are sure to get your attention. The CR200 includes a 95 dB audible ringer with various tone levels, bright LED flasher, jack for optional vibrating pad (ClearSounds CS-SHK) and built-in dual modular phone jack for easy installation.



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ClearSounds® CSC500 Amplified Spirit Phone

The ClearSounds® CSC500 Amplified Spirit Phone ensures clear listening and makes dialing a breeze. In addition to 40 dB of adjustable amplification with full-range tone control, the CSC500 boasts full duplex speakerphone in base, a big button easy-to-read keypad and 8 one-touch photo memory dial buttons.



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ClearSounds® CSC600 Digital Amplified Freedom Phone with Full ClearDigital Power

The ClearSounds® CSC600 Digital Amplified Freedom Phone delivers maximum amplification, tone control and strong visual contrast. In addition to 50 dB of adjustable amplification with full-range tone control, the CSC600 offers a full duplex speakerphone in base, talking Caller ID and keypad, extra loud ringer with adjustable ring tones and a big button easy-to-read keypad. Available in black or white.



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ClearSounds® CSC1000 Amplified Freedom Phone with Full ClearDigital Power

The ClearSounds® CSC1000 Amplified Freedom Phone delivers maximum clarity and background noise suppression. Boasting 48 dB of adjustable amplification with full range tone control and a full duplex speakerphone in base, the CSC1000 also includes an amplified digital answering machine, talking Caller ID and keypad, extra loud ringer with adjustable ring tones and 8 photo buttons for one-touch dialing.



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ClearSounds® IR2012 Wireless Infrared Home Audio Headset System

The ClearSounds® IR2012 System gives you the freedom to enjoy your favorite movie, TV show or concerto at the exact volume you want without compromising sound quality or disturbing others. Remarkably comfortable and surprisingly lightweight, the IR2012 delivers a well-defined soundstage, including a good bass, focused middle and precise highs, while the soft, padded headphones allow you to feel every sound.



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ClearSounds® QH2 Bluetooth Hub & Phone Amplifier

With the ClearSounds® QH2, you can connect a Bluetooth headset, neckloop or streamer to your home or office phone for hands-free and cord-free conversation. The QH2 is compatible with virtually all corded desk phones, as well as corded and cordless home phones. With various set-up options for superior flexibility, the QH2 provides 30 dB of adjustable amplification, frequency management in both the phone handset and Bluetooth headset, and the convenience of easily switching calls between your phone handset and Bluetooth headset.



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ClearSounds® Quattro 4.0 Remote Bluetooth Microphone Kit

The ClearSounds® QT4 Mic uses state-of-the-art Bluetooth technology to give you the power to control your entire listening environment, whether in the office, at a restaurant or in the car. Roughly the size of a chocolate sandwich cookie, this discreet but powerful tool delivers the crisp, clear sound you need while eliminating distracting background noise. The QT4 Mic pairs to any Bluetooth neckloop or streamer including the ClearSounds Quattro Classic, Quattro 4.0 and more, and comes pre-programmed with 4 sensitivity levels to customize your ideal listening experience.



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ClearSounds® Quattro 4.0 Adaptive Bluetooth System

Utilizing proprietary technology for amplification and frequency management, robust DSP chipsets, Bluetooth v4 and the only 8 wire loop available, the Quattro 4.0 is an amplified Bluetooth neckloop and listening system that maximizes the power & productivity of your hearing aid(s). Not a hearing aid user? No worries-- the stereo headset jack allows you to plug in your favorite headset or earbuds. The Quattro 4.0 is the ONLY neckloop that comes with a remote Bluetooth mic, which provides the ability to hear clearly in any environment, such as meetings and restaurants.



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Amplified Telephone C4220+

- Digital Clarity Power™ technology clearly amplifies incoming sounds up to 50+ dB
- DECT 6.0 interference free technology
- Four (4) tone settings
- Amplifies outgoing speech up to 15 dB
- Loud and clear handset speakerphone
- Easy-to-read Caller ID display
- Large backlit keypad is largest of any cordless phone
- Bright visual ringers in handset and base
- Extra loud ringer (95 dB) with bright flashing visual ringers in handset and base
- Includes belt clip and headset jack
- Hearing aid and TIA-1083 compatible
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Signature Series Doorbell Transmitter

The transmitter attaches to the wiring of the doorbell chime and is activated by the same current. When the doorbell button is pushed, it activates the vibrator or strobe on the receiver and lights up.

- Operates up to a 2000-foot radius depending on which 418MHz receiver is used
- Uses 2 AA batteries
- 5 year warranty



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Signature Series Mini-receiver

- Digital Icon alert displays
- Works with all Silent Call® 418MHz Transmitters
- Low battery indicator light
- Night dimming backlight display
- Can be used with optional bed vibrator
- Can be placed up to 2000 feet from transmitters
- Multiple receivers can be used in same home
- Constant 24 hour notification
- Battery backup can be used to supply power should you lose house power
- 5 year warranty



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When the Smoke Detector with transmitter is activated the audible siren sounds and the transmitter sends a signal (up to 100 feet away) to the Shake up receiver with vibrator.

Included in this kit:

- 1 Smoke Detector with transmitter
- 1 Shake up receiver with bed vibrator
- Combination 3 and 5 year warranty



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Signature Series Sidekick II Receiver

- Distinctive LEDs for each alert type
- Digital Icon alert displays
- Works with all Silent Call® 418MHz Transmitters
- Low battery indicator light
- Night dimming backlight display
- Can be used with optional bed vibrator
- Can be placed up to 2000 feet from transmitters
- Multiple receivers can be used in same home
- Constant 24 hour notification
- Battery backup can be used to supply power should you lose house power (sold separately)
- 5 year warranty



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Signature Series Telephone Transmitter

This transmitter connects in seconds to the jack of any standard telephone or TTY. When the telephone/TTY rings, the transmitter signals the receiver, activating the vibrator or strobe and a light below the symbol of a telephone.

- Operates within a 2000-foot radius
- Uses 2 AA batteries
- 5 year warranty
- Works with 418MHz receivers



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XLC2 Cordless Amplified Telephone

- Digital Clarity Power™ amplifies incoming sound up to 50+dB and outgoing speech up to 15 dB
- Talking Caller ID announces the phone number of the incoming caller
- Talking dial pad with large backlit buttons
- Simple, easy-to-use design
- Hearing aid compatible and TIA-1083 compliant
- Three tone settings for a customized listening experience
- Extra loud ringer (95 dB) with adjustable tones
- Super bright visual ringer with voicemail indicator



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HA40 Telephone Handset Amplifier

- Digital Clarity Power™ sound technology
- Increases the volume of your phone 100 times
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- Tone selector for maximum speech clarity
- Connects easily between handset and phone base



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AMPLI 100 VM Amplified Telephone

The Ampli100VM has been designed as a full featured amplified telephone with the added feature of voice modulation. Voice modulation allows the user to see the loudness of their outgoing voice as they speak. This helps the user to adjust their speech to an acceptable outgoing level either louder or softer, helping improve the quality of the call for both caller and call receiver.

- Receiving volume control up to 40 dB



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Our Sonic Shaker Portable Travel alarm clock comes complete with batteries, pillow strap with clasp, and protective travel case. It shakes users awake with its powerful bed shaker and extra loud pulsating alarm.

- Most powerful vibrator
- Easy to set function keys
- Easy to read .75" display



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AL10 Visual Alert System

- Sensors monitor and provide remote visual alerts to the door bell, telephone calls and the sounds of babies or young children from anywhere around your home
- Alarm clock with snooze and vibrating alert features to wake the deepest of sleepers
- The motion detector will monitor a large area and notify you of any unexpected movement
- Flashes a connected lamp and shakes your bed to alert you to activities within the home
- Various accessories allow you to customize and expand the system for your specific household or lifestyle needs
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Pocketalker® Ultra Personal Amplifier

The Pocketalker Ultra amplifies sound clearly and easily for better understanding. 100 hours of battery life ensures long-lasting performance. Each Pocketalker Ultra includes a plug-in sensitive microphone and a TV listening extension cord for the TV listener. Use the Pocketalker Ultra with a variety of available earphones and headphones of your choice, or a neckloop and a telecoil-equipped hearing aid.

Applications:

- 1-on-1 conversations
- TV listening
- Listening in the car
- Small groups and much more



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A1600-BT

- Large, backlit keys
- Talking keypad and personal identifier options
- Large, backlit display of date, time, number of unheard messages, and the name and number being called
- Handset carrying clip
- Alarm clock with snooze function
- One-touch calling via eight photo keys and four handset memory keys
- SOS emergency key (programmable)
- Handset flashlight
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- Bright strobe-light ringing notification and handset vibration
- Handset volume amplification and tone adjustment
- Speakerphones with volume control
- Mute, hold, call transfer and conference calling
- Last number redial



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CSIR2012

- Compatible with all TVs including flat screens and plasma
- Integrated digital to analog converter maintains signal integrity
- Submerge yourself in pure listening pleasure with the remarkable light & comfortable headset
- Feel free to set the volume to fit your specific needs without disturbing others
- True, well-defined sound provides clarity and unmatched intelligibility
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- Infrared technology offers total privacy
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ALTO

- TIA-4953 certified for mild, moderate and severe hearing loss
- Up to 53 dB amplification
- Boost override: when on, enables amplification for all users
- Ergonomically designed tone and volume control for all users, including people with arthritis
- Loud 100 dB ringer with visual indicator
- Speakerphone
- Outgoing speech amplification of 15 dB
- 4" backlit screen with large font
- Talking keypad with Clarity Voice Assist
- 3 one-touch memory buttons
- 2.5mm headset jack
- 3.5mm neckloop jack
- Jack for optional bed shaker (not included)
- Outgoing Speech Amplification makes your voice louder for the other caller
- TIA1083 hearing



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diateccanada.com



Hearit M

- Very easy to use, with one large control for on/off and volume adjustments
- Total amplification with all controls at maximum is 56 dB (50 dB at 1.6 KHz)
- The AGC safeguards the ears against damage from sudden sounds that are too loud such as being dropped on a table. Hearit M takes readily available standard AA batteries, which are easy to install
- Also available as an MT or just a T model for looped rooms
- Comes with carrying case



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diateccanada.com



CLTVBT

- Remarkably comfortable & adjustable headset
- Embedded microphone in headset allows for use with Bluetooth enabled mobile phones
- Enjoy stereo high-def music wirelessly – pairs with A2DP Bluetooth audio devices
- Supports remote control of play/pause, previous/next track, volume up & down

One Year Warranty
Lifetime Product Support



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TVaid® RF Digital Wireless 2.4 GHz Amplifying System

This system transmits crisp stereo audio from your TV to your headset receiver. In addition to connecting the TVaid to your TV, TVaid can be connected to your Hi-Fi System, Radio, i-Device or other audio sources using a standard audio patch cord.

- High definition amplified digital sound
- User replaceable LiPolymer Battery, up to 8 hours of life per charge
- Does not require line-of-sight for reception
- Adjustable volume and separate balance control
- Up to 120 dB output for excellent sound amplification
- Automatic gain control (AGC) and noise reduction technology
- Includes microphone and hookup cables



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Communicator

A new generation of alerting systems with outstanding features and fresh, elegant styling. The silent call communicator alerts you quickly to visitors, calls and emergencies. The portable design allows the wearer to be fully aware of their home without missing out on life. When a signal is received, the Communicator will display a distinctive digital icon as well as distinctive pulse vibrations indicating which transmitter sent the signal.

- Body worn receiver
- Docking port for charging
- Leather carrying pouch
- 5 year warranty



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diateccanada.com





Vibra-Call 3

A new generation of alerting systems with increased range, outstanding features and fresh, elegant styling. The Silent Call Vibra-Call 3 alerts you quickly to visitors, calls and emergencies. The portable design allows the user to be fully aware in their home without missing out on life. When a signal is received, the Vibra-Call 3 will emit distinctive pulse vibrations indicating which transmitter sent the signal.

The Vibra-Call 3 will monitor:

- Telephone
- Smoke detector
- Door bell
- Sound monitor
- Weather alert system
- 5 Year warranty



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Crystal Reflections Receiver

Finally, an alerting device with style! The CR-30 receiver works in conjunction with any Silent Call 318 Mhz transmitter and flashes its brilliantly lit glass crystal with unique flash patterns to notify you a signal has been received.

- Up to a 100 foot range
- Can also be used with optional bed vibrator (#VIB-PJ) sold separately
- 5 year limited warranty



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diateccanada.com



Introson 2.4 Digital TV Listening System

The Introson 2.4 delivers a high quality sound with a 120 dB maximum output and an easy to see and use volume control.

- Transmission method: digital radio (stereo)
- Receiver stethoscope headset (under the chin)
- Adjustable volume up to 120 dB
- Receiver weight: 66g
- 3 different bass and treble presets are available at the push of a single button
- Mic button changes from TV listening to microphone to allow amplified communication without removing headset
- Range: up to 25m



866 326 8830
diateccanada.com



Carbon Monoxide Detector with Built In Transmitter

Simple to install on the wall or ceiling. The detector is battery operated and includes an 85 dBA alarm and transmits simultaneously to the receiver. This direct transmission only when the alarm is activated, eliminates false alarms. Ideal receiver is the Mini, which can also receive any other transmitters such as smoke detector, telephone, doorbell etc.

- 5 year warranty on everything except the battery



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diateccanada.com



LampLighter Signaler

A familiar idea with a twist! The Silent Call LampLighter Signaler is a wireless alerting device that will flash a table lamp with unique flash patterns.

- LED indicators for each alert type
- Turn the table lamp on/off by pushing the button on the top of the LampLighter
- Plug your telephone directly into the LampLighter for instant notification
- Works with all Silent Call 318 Mhz Transmitters
- 5 year limited warranty



866 326 8830
diateccanada.com



TV SoundBox Wireless TV Speaker

Tired of straining to hear your TV? No more! The wireless TV, loud and clear even with your TV speaker turned off. No more muffled dialog, no more blaring volume to disturb others in the room.

- Independent volume control
- Loud, lifelike and crystal clear dialog
- Adjustable voice enhancing
- Wireless, lightweight and portable
- Easy to install
- The transmitter also serves as a charging dock when not in use
- Built-in rechargeable battery (up to 8 hours of listening time)



866 326 8830
diateccanada.com



CLARITY

Amplify Your Life®

Portable Amplifier CE125

The Clarity CE-125 Telephone Handset Amplifier is a small portable device featuring technology that makes calls not only louder, but also clearer and easier to understand. Great for use at home, at the office or while travelling, the Clarity CE-125 amplifies incoming sound up to 25 dB. Compatible with most telephones, the Clarity CE-125 is quite easy to install and connects between the base of the telephone and the receiver.

Features:

- In line amplifier
- 3x amplification
- Clarity boost button
- Compatible with standard and electronic phones
- Single line or multi-line use
- Easy to install
- Compact, portable design



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ReSound Smart™ app

Personalize it!



Download the free ReSound Smart app to connect to your Made for iPhone® hearing aids!



- Adjust treble/bass and volume
- Assign personalized settings to favourite locations
- Help look for your hearing aid if you have misplaced it
- See low battery indicator
- Learn about using and caring for your hearing aid

www.resound.com/smartapp

The ReSound Smart app works with iPhone 5s, iPhone 5c, iPhone 5, iPad (4th generation), iPad Air, iPad mini, iPad mini with Retina display (running in 2X mode), and iPod touch (5th generation). All running iOS7.X or later. The app is optimized for iPhone 5s, iPhone 5c and iPhone 5. For iPhone® 6 and 6 Plus we strongly recommend iOS 8.1. GN ReSound, all rights reserved. © 2014. Apple, the Apple logo, iPhone, iPad and iPod touch are trademarks of Apple Inc, registered in the U.S. and other countries. The App Store is a service mark of Apple Inc.

ReSound



1-888-737-6863
gnresound.ca

ReSound Unite™ Mini Microphone

Let life inspire you



- Transmits speech directly to your patient's hearing instruments within a 23 foot range
- Small, light weight and portable
- Ideal for distance listening (e.g. at a church or theatre)
- Significantly improves the signal to noise ratio in noisy environments
- Doubles as portable streaming device for MP3 Player or PC

ReSound



1-888-737-6863
gnresound.ca

ReSound Unite™ Phone Clip+

Let life inspire you



- Streams Bluetooth® phone calls and music in stereo directly to ReSound wireless hearing instruments
- Doubles as a remote control for volume and program changes
- Hearing aid mute functionality
- Works with all Bluetooth enabled smart phones

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ReSound



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ReSound Unite™ Remote Control 2

Let life inspire you



- Rechargeable with low battery indicator
- Can block out surrounding sound with mute function
- Scratch resistant display screen
- Mechanical on/off switch
- Can be used to initiate streaming from Unite™ TV Streamer 2 or Unite™ Mini Microphone

ReSound



1-888-737-6863
gnresound.ca

ReSound Unite™ TV Streamer 2

Let life inspire you



- Small design with built-in stand
- Allows patients to stream directly from the TV to their hearing instruments over a 23 foot range
- Transforms ReSound wireless hearing instruments into headsets
- Dolby Digital™ support
- No synchronization issue between sound and image

Dolby and the double-D symbol are registered trademarks of Dolby Laboratories.

ReSound



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Oticon | ConnectLine



ConnectLine Streamer Pro

- One complete, integrated easy to use system
- Acts as a remote control for your hearing instruments
- Single button operation
- Wirelessly connects up to 8 devices – including MP3 players, computers, etc.
- Optimized Neck Loop
- PC VoIP Optimization
- Built-in Telecoil
- 3.5mm cable to listen to music via cable
- FM Euro Pin Connector for FM receivers
- Optimized battery life
- Wirelessly interfaces with entire ConnectLine family
- iPhone and Android App
- Effective Noise Cancelling (Dual Mic) System

www.oticon.ca



Oticon | ConnectLine



ConnectLine Phone 2.0 Solution

- Wirelessly transmits landline phone calls to both hearing aids via the Streamer
- No howling or distortion with phone usage
- Easy installation
- Single button operation
- Slim, elegant design
- Up to 30m working range
- Wall mount

www.oticon.ca



Oticon | ConnectLine



ConnectLine TV 2.0 Solution

- Supports a range of connections, including digital stereo and Dolby Digital® through optical TOSLINK
- Autopairing: TV adapter will automatically pair with Streamer in pairing mode
- Autoconnect: TV listening automatically resumed after phone call
- AutoPriority: an incoming phone call will have priority over TV sound
- SelectMe: switch between two or more TV adapters
- Wirelessly transmits TV to both hearing aids via the Streamer
- Premium sound quality
- Improves TV speech intelligibility
- Easy installation
- Up to 30m working range

www.oticon.ca



Oticon | ConnectLine



ConnectLine Microphone

- Robust wireless connection with full integrity in partner to partner communication
- Improve the client ability to function in very demanding listening situations
- Advanced dual directional microphone design to cancel out surrounding noise
- DSP based noise cancelling
- Automatic gain control for absorbing variances in CL mic placement and speaker level
- Single button control from the Streamer or the Microphone
- 15m indoor working range
- Slim, elegant design

www.oticon.ca



Oticon | Amigo



Amigo Arc

- Universal Neck Loop Receiver
- Works with any instrument with a telecoil, such as BTE, RITE, ITE, Cochlear Implants or Bone Anchored Instrument
- Extended 7000 Hz Bandwidth captures important high frequency cues
- Simple and intuitive to use
- Can be used with headphones for children with CAPD
- Tamper-resistant controls
- Re-chargeable battery
- 5 Exchangeable shell colours

www.oticon.ca



Oticon | Amigo



Amigo T30/T31

- Maximum Speech Intelligibility for language development, learning and socializing
- Full programming and fitting capabilities
- No programming cables required
- Accesses full bandwidth for transmitting high frequency Speech Cues
- Built-in LED
- Durable and reliable
- FM scanner to select clean interference free channels

www.oticon.ca

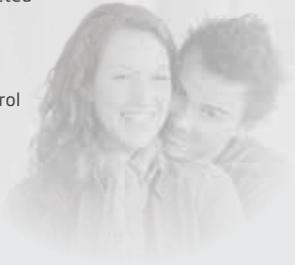


Oticon | Amigo



Amigo T5/R5

- Body Worn Transmitter and Receiver
- Can be used with headphones, Audio Shoe and DAI Cord connected to hearing aid, or telecoil of hearing aid via a neckloop
- Simple on/off switch
- Lockable Channel/Volume Control
- LED lights to confirm system is operational
- Cost conscious



www.oticon.ca



Roger Clip-On Mic



röger

This compact microphone uses adaptive wireless transmission to help people with a hearing loss understand more speech in noise and over distance. It is ideal for use by a partner or friend, plus it includes an audio input for listening to multimedia and TV connectivity. It can also be used alongside other Roger Clip-On Mics and Roger Pens in a microphone network.

For more information visit www.phonakpro.ca



Phonak ComPilot II



The Phonak ComPilot II is the all-in-one streaming and remote control accessory for Phonak Venture hearing aids. It can receive speech and music from all Bluetooth enabled audio sources (cell phones, MP3 players, TV streamers, tablets, navigation systems, etc.) and stream these sounds wirelessly to both hearing aids in stereo sound quality, resulting in better understanding and more enjoyment.

For more information visit www.phonakpro.ca



Phonak ComPilot



ComPilot brings together the accessibility of wireless connectivity, the convenience of a remote control and features spoken messages (VoiceAlerts), all in one simple, attractive device. Together with the TVLink S and RemoteMic, ComPilot turns a myriad of communication challenges into sheer listening delight.

For more information visit www.phonakpro.ca



Roger EasyPen



röger

The Roger EasyPen is an exciting product for clients who desire ultimate simplicity with full Roger performance and don't need Bluetooth functionality or manual microphone control.

Designed with discretion in mind, the Roger EasyPen microphone features premium speech-in-noise and over distance performance, adaptive wireless transmission, fully automated settings, TV connectivity and an audio input for listening to multimedia. It can also be used alongside other Roger Clip-On Mics, Roger Pens and Roger EasyPens in a microphone network.

For more information visit www.phonakpro.ca



Phonak DECT Phone



This advanced cordless phone is easy to use and includes essential features designed specifically for people with hearing loss. The main benefit of the Phonak DECT Phone is the simultaneous sound transmission to both hearing instruments, maximizing speech intelligibility.

For more information visit www.phonakpro.ca



Roger Dynamic SoundField

Roger Dynamic SoundField by Phonak ushers in a new era in classroom amplification, solving today's soundfield issues by offering industry-leading performance, fully automated settings, and hassle-free integration with Phonak's personal FM systems.



PHONAK
life is on

For more information visit www.phonakpro.ca

Phonak EasyCall II



The Phonak EasyCall II is a unique wireless accessory that connects any brand of Bluetooth enabled cell or smart phone to Phonak Venture hearing aids. After picking up the phone, it automatically and wirelessly streams the call to both Phonak Venture hearing aids resulting in unmatched sound quality and maximum understanding.

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For more information visit www.phonakpro.ca

Roger MyLink



Roger MyLink is an easy-to-use and affordable Roger receiver that works with any hearing instrument with a T-coil (from Phonak or any other manufacturer). A Roger microphone such as Phonak's Roger Pen picks up the desired speech at the source. This sound is sent wirelessly to the receiver (Roger MyLink), which relays the voice signal clearly to the user's hearing instruments. Roger MyLink is worn around the neck and transmits its signals to the hearing instruments using induction technology.

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For more information visit www.phonakpro.ca

Phonak PilotOne II



The Phonak PilotOne II is the easy-to-use remote control for clients with Phonak Venture hearing aids. It adjusts the volume and program settings of the hearing aids with 4 simple buttons: Home, Volume up, Volume down and Program.

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For more information visit www.phonakpro.ca

Phonak PilotOne



Phonak PilotOne focuses on the essentials when it comes to discreet control over the hearing instruments. This exclusive remote control was designed for maximum impact and ease of use. The clever simplicity and ergonomic design make it our most user-friendly remote control ever.

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For more information visit www.phonakpro.ca

Phonak RemoteMic



The Phonak RemoteMic is a Bluetooth-based microphone which is clipped onto the conversation partners' clothing. It then streams the speaker's voice to Phonak wireless hearing instruments via ComPilot. This improves the intelligibility and listening experience when listening to a speaker or sound source in a noisy environment, or over a distance of up to 20 m (60 ft).

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For more information visit www.phonakpro.ca

Roger design-intergrated receivers



röger

Roger design-integrated receivers (O2) bring industry-leading speech-in-noise performance to Phonak hearing instrument users who have a hearing loss. These discrete devices slightly extend the sleek contours of a Phonak hearing instrument.

For more information visit www.phonakpro.ca

PHONAK
life is on

Roger DynaMic



röger

The Roger DynaMic passaround microphone for Roger inspiro places Phonak's Roger technology within arm's reach of every student, ensuring no child is left out of the discussion.

For more information visit www.phonakpro.ca

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Roger EasyPen



röger

The Roger EasyPen is an exciting product for clients who desire ultimate simplicity with full Roger performance and don't need Bluetooth functionality or manual microphone control.

Designed with discretion in mind, the Roger EasyPen microphone features premium speech-in-noise and over distance performance, adaptive wireless transmission, fully automated settings, TV connectivity and an audio input for listening to multimedia. It can also be used alongside other Roger Clip-On Mics, Roger Pens and Roger EasyPens in a microphone network.

For more information visit www.phonakpro.ca

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Roger inspiro SoundField



Roger inspiro SoundField can only be used for the SoundField application with the Roger DigiMaster 5000 Loudspeaker, Roger DigiMaster 7000 and Roger DigiMaster X Loudspeaker. This system transmits in Digital Modulation (DM) only and is available at a significantly lower price than the Roger inspiro.

For more information visit www.phonakpro.ca

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Roger inspiro



The new Roger inspiro transmitter is our full featured wireless microphone that works with all components of the Roger systems. Simple to use, Roger inspiro connects with other Roger microphones, Roger receivers and Roger Dynamic SoundField with a simple click of the connect button. There is no need for frequency management, complex software or time consuming equipment set up. Roger inspiro is also compatible with previous generation FM receivers.

For more information visit www.phonakpro.ca

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Roger Pen



röger

Our universal, cutting-edge wireless microphone helps people with a hearing loss to understand more speech even in loud noise and over distance. Designed with discretion and style in mind, the Roger Pen features adaptive wireless transmission, fully automated settings, wideband audio Bluetooth for cell phone use, TV connectivity and an audio input for listening to multimedia. It can also be used alongside other Roger Pens and Roger Clip-On Mics in a microphone network. The Roger Pen can be put on a table, held in the hand or clipped onto the speakers clothing.

For more information visit www.phonakpro.ca

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Phonak TVLink II



The Phonak TVLink II basestation is a device that transfers audio signals (from a TV or entertainment system) wirelessly to a compatible streamer (ComPilot, ComPilot II or ComPilot Air II) in stereo sound quality. In order to connect to a broad range of TVs and other audio equipment, the TVLink II offers not only classic analog but, also digital inputs.

For more information visit www.phonakpro.ca



Phonak TVLink S basestation



Phonak TV Link S is a dedicated TV solution. Combined with the ComPilot it offers a terrific listening experience.

The extremely fast transmission from your TV to your hearing aids in stereo provides excellent sound quality. Plus, its easy one-step set up means that the TVLinks S and ComPilot are ready to go in less than 60 seconds!

For more information visit www.phonakpro.ca



Roger WallPilot



Wall mounted device used to automatically connect Roger receivers and teacher microphones to the class room's existing Roger networks.

For more information visit www.phonakpro.ca



Sound Listening Environments Inc.

Hushh-ups®:

- Virtually eliminate noise caused by furniture legs scraping on uncarpeted floors.
- Are safe, durable, simple and easy to attach to chair, desk, and table legs.
- Are made using AIR inflation technology.
- Are free from chemicals found in cheaper pellet inflated balls.
- Recommended by Audiologists, Teachers of the Deaf/Hard of Hearing, and other professionals.
- Augment amplification technology such as hearing aids, FM and Sound Field Systems.
- Dramatically improve room acoustics.

ONE SIZE FITS ALL *
No more hassle trying to size glides for a variety of chairs, desks, and table configurations!

*Standard straight and disc bottom legs measuring up to 1.5" in diameter

www.hushhups.com
Tel: (800) 263-1826



Accessories



Our accessories integrate seamlessly to make the lives of your patients easier.

Our remote control offers easy control of essential hearing instrument settings.

Smart Control allows for a wide range of adjustments to settings.

uDirect 2™ adds the convenience of hands-free interaction with your cell phone and other audio devices.

uTV 2™ sends sounds wirelessly from your TV to your hearing instruments, via the uDirect 2.

uMic™ is a personal wireless microphone system that lets clients hear their companions more easily in challenging listening environments.

unitron. Hearing matters

1.800.265.8255
unitron.com

WIDEX M-DEX

M-DEX is an easy-to-use Bluetooth streaming device and advanced remote control that offers real-time high quality sound with no delay or echo.



- Receives input through Bluetooth, audio input line-in or built-in telecoil
- 'Room Off' allows users to temporarily turn off the hearing aid's microphone to hear only the sound from the M-DEX
- Free Focus for control over listening direction (front, rear, left or right)
- 5 hours talk time/5 days standby
- Compatible with all wireless models



Learn more at ca.widex.pro/mdex

ESHOP.WIDEX.PRO | 800.387.7943

WIDEX TV-DEX

TV-DEX is a wireless streaming device for enjoying distortion-free television sound directly in the users hearing aids.



- Real-time **high quality stereo sound** with **no delay or echo**
- **'Room Off'** allows users to temporarily turn off the hearing aid's microphone to hear the TV with no background noise
- Volume up/down
- Up to **10 hours of streaming** with rechargeable battery
- Compatible with all wireless models



Learn more at ca.widex.pro/tvdex

ESHOP.WIDEX.PRO | 800.387.7943

WIDEX RC-DEX

The RC-DEX is a stylish, compact and user-friendly hearing aid remote control.



- **Simple and intuitive design** gives your patients better control of the basic hearing aid features
- Volume up/down
- Program change
- Smart Toggle
- Approx. **12 months battery life**
- Compatible with all wireless models

COMING IN 2015: RC2-DEX



Learn more at ca.widex.pro/rcdex

ESHOP.WIDEX.PRO | 800.387.7943

WIDEX FM+DEX

FM+DEX converts signals from an FM receiver, telecoil or audio line-in and streams them to wireless Widex hearing aids.



- **Small & discrete**
- Clip on or neck-loop worn
- Up to **10 hours of streaming** with rechargeable battery
- Compatible with all wireless models



Learn more at ca.widex.pro/fmdex

ESHOP.WIDEX.PRO | 800.387.7943

WIDEX PHONE-DEX

PHONE-DEX streams crystal clear sound directly into wireless Widex hearing aids without a streamer.



- Cordless, **amplified** landline phone
- Streams call **directly to hearing aid(s) without needing a streamer or telecoil**
- **Easy to use** - hold the phone normally
- **Binaural** phone when using two aids
- **Volume control**
- **Expandable** up to 5 handsets
- Works as a **conventional phone for non-hearing aid wearers**
- Compatible with all wireless models



Learn more at ca.widex.pro/phonedex

ESHOP.WIDEX.PRO | 800.387.7943

WIDEX UNI-DEX

UNI-DEX streams audio from mobile phones and audio devices, and it's built in microphone allows for easy, hand-free communication.



- Neck-worn, **plug and play** solution
- Streams audio for up to **40 hours**
- Fully **recharges in 1 hour**
- **'Room Off'** allows users to temporarily turn off the hearing aid's microphone to hear only the sound from the UNI-DEX
- Compatible with all wireless models



Learn more at ca.widex.pro/unidex

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Batteries and Earmolds



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HIGH DEFINITION HEARING



PROTECT YOUR EARS WITH CUSTOM EARMOLD PRODUCTS BY EARMOLD DESIGN

At Bernafon, we know that every ear is unique. This is why we are passionate about superior performance, superior comfort and superior fit.

We specialize in Custom Earmolds for BTE's, Noise Protection Plugs, Sleep Plugs, Musician Plugs, Colour options for Earmolds, Swimmolds and Floatables as well as Speciality Molds for Cellphones/MP3 players.

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500 Trillium Drive, Unit 15
Kitchener, Ontario
Canada N2R 1A7

Phone 519 748 6669
Toll free 1 800 265 8250
Toll Free Fax 1 888 748 9158
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EARMOLD 
DESIGN

ALL STAR SALES | Aqua-Earbands

Aqua-Earbands are colourful 3mm thick neoprene headbands that are recommended by professionals to help keep ears warm and dry. The Aqua-Earbands hold earplugs in, and keep water out. They are available in 4 sizes and 14 reversible colours. An earband for each member of the family! Receive a free gift on your first order.



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4 Vata Crt – Unit 15
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1-800-361-0072



www.allstarsales.ca

ALL STAR SALES | Doc's Proplugs

Doc's Proplugs are preformed earplugs that help prevent Otitis Media. They are soft and comfortable and are available in 8 sizes, in solid or vented. 75% of ENT doctors recommend Doc's Proplugs because they are easy to fit, require no impressions, float and form an excellent watertight seal. Doc's Proplugs are inexpensive for both audiologists and patients. Now available in a new clamshell package.



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www.allstarsales.ca

ALL STAR SALES | Physicians Choice Earplugs

Physician Choice Earplugs are 100% medical grade silicone. They are great for sleeping or swimming. They reduce noise and repel water and are doctor recommended. The earplugs are available in 1 pair or 3 pair in a protective case.



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1-800-361-0072



www.allstarsales.ca

ALL STAR SALES | Insta-Mold Kit

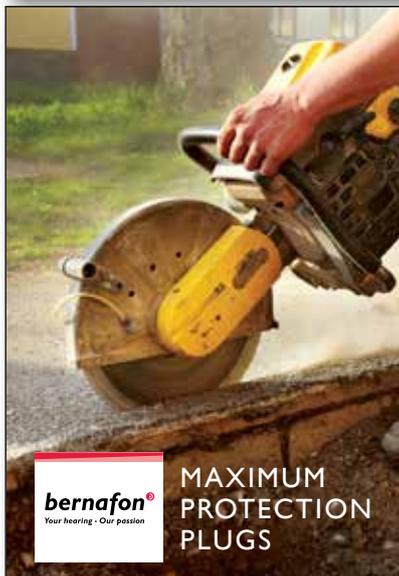
For the hearing health professional, everything your need in one low cost starter kit so you can get started using Insta-Mold Featherweight instant silicones to make custom Swim plugs. Can make up to 50 pairs. Receive a free gift on your first order.



Contact us:
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1-800-361-0072



www.allstarsales.ca



bernafon
Your hearing - Our passion

MAXIMUM PROTECTION PLUGS



SENTINEL



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Your hearing - Our passion

SWIM MOLDS & FLOATABLES



SWIM MOLDS



FLOATABLES

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bernafon.ca



**ER MUSICIAN PLUGS
STYLE CHOICES**



STANDARD



PARTIALLY
COUNTERSUNK



FULLY
COUNTERSUNK



**ER MUSICIAN
PLUGS**

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Oto Sil, Blue & White (2x660g)

- Multi-purpose putty
- Super-smooth consistency
- Easy mixing and removal
- Best cost/performance ratio with the highest detail reproduction and tear strength
- Retains it's shape and volume well
- Setting time: 3-5 minutes



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diateccanada.com



Bite Blocks

For open-jaw impressioning.

- Package of 100
- Non-elastic styrofoam holds desired angle with firmness
- Tapered shape can be positioned for best fit
- Drilled to accommodate strand of dental floss



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EMSEE Materials

Acrylic: Hard clear, tints, Medicryl, Mediflex, Softex, Ultraflex

PVC: Protint: Light pink or brown tint
Hydroclear: Clear frosted
Dermatex: Flesh colour
Neon: Hot Pink, Orange, Yellow, Blue, Purple

Silicone: Flesh colour only, in frost or gloss finish

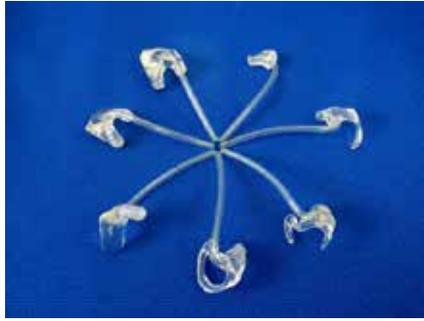
Silicone II: Frost or gloss finish. Hundreds of colours and patterns, glitter, or glow-in-the-dark

Catamaran: Floatable opaque swim plugs. Hundreds of colours and patterns available

Tel: 905-886-3366 1-800-893-6733
www.emsee.ca info@emsee.ca

EMSEE Conventional Molds

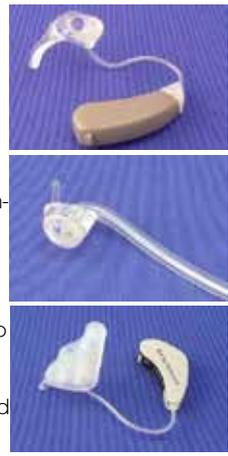
Every style of mold for BTE hearing aids is available: Full concha, Shell (Geriatric handle available), Half-Shell, Skeleton, Semi-Skeleton, Canal Lock, Canal Tip.



Tel: 905-886-3366 1-800-893-6733
www.emsee.ca info@emsee.ca

EMSEE Open Fit Molds

We have designed a series of Hollow Canal molds for use with Open-Fit hearing aids. Molds can use Slim Tubes, #13 tubes, or RIC devices (space permitting), in occluded or non-occluded options. Molds are usually Canal Lock, but any style is possible. Soft Silicone molds for use with regular-power or high-power RIC devices are also available, in any style, as well as CROS and IROS molds to allow combination aided and unaided sound in high frequency losses.



Tel: 905-886-3366 1-800-893-6733
www.emsee.ca info@emsee.ca

EMSEE

Swim Plugs

Plugs may be manufactured in any of our soft materials. Our most popular Catamaran floating plugs are available in hundreds of colours and patterns, including rainbow, camo, dots, or stripes. Select Silicone II for plugs that are transparent, translucent-tint, with sparkles, or glow-in-the-dark. We include a handy carrying case with each order, and handles and cords are available by request at no extra charge.



Tel: 905-886-3366 1-800-893-6733
www.emsee.ca info@emsee.ca

EMSEE

Solid Noise Plugs

For the maximum attenuation with an in-ear product, select the Solid Noise Plugs, which reduce sound by approximately 28dB of constant attenuation when properly fit. These are the best choice for persons who regularly find themselves in very loud environments. Usually made of Silicone or Sil II with a marker to indicate one side, any soft material can be chosen, with optional handles, cords, clips, or metal detector balls.



Tel: 905-886-3366 1-800-893-6733
www.emsee.ca info@emsee.ca

EMSEE

Filtered and Vented Noise Plugs

In situations where a person needs to hear some sound while reducing unwanted noise, we offer two options. Acoustic Filtered plugs provide minimal low-frequency attenuation, while reducing high frequencies up to 25dB, preserving speech comprehension. Vented Tuned plugs come with a set of inserts to allow the user to change high-frequency attenuation as desired, leaving low frequencies unaltered. Both of these products are available with the same options as the solid plugs.



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EMSEE

Sleep-Eez

Similar to the solid noise plugs, but sculpted as a Shell to follow the contours of the ears. This is to enhance comfort while sleeping, permitting a person to lay on their side without pain. Silicone II is the standard material, but you can select any of our soft materials, in Shell, Half-Shell, or Canal Tip styles. The same shape makes these plugs suitable for use under helmets for motorcyclists or on construction sites.



Tel: 905-886-3366 1-800-893-6733
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EMSEE

Musicians' Earplugs™

Etymotic Research Musicians' Earplugs™ are designed to replicate the natural response of the open ear. Sound heard with these earplugs has the same quality as the original, but quieter. The occlusion effect common to other plugs is entirely absent. This is achieved by combining an interchangeable filter with a carefully calibrated, custom-tuned silicone earmold. Attenuation is available with 9, 15, or 25dB filters.



Tel: 905-886-3366 1-800-893-6733
www.emsee.ca info@emsee.ca

EMSEE

MP3 Headset Buds

For true-to-life sound, our headset buds can be adapted to almost any headset, including such high-fidelity monitors as Etymotic Research and Shure. The precision fit provided by a custom plug will be more comfortable for extended wear, and with lower ambient sound, music can be enjoyed at lower, safer sound levels, helping to preserve hearing. All headsets must be sent along with the impressions to ensure proper fit.



Tel: 905-886-3366 1-800-893-6733
www.emsee.ca info@emsee.ca

EMSEE

Sound Systems

Regardless of the application, we are capable of adapting almost any earpiece to increase comfort and sound quality. With hands-free calling required in most of Canada, the isolation of Custom Bluetooth adapters are of extra benefit while driving. Many specialised products such as IFB communicators for television, "ham" radio, or police use, as well as Pilot Hanger-Bars are available as well. In most cases, headsets must be sent to the lab to ensure a proper fit.



Tel: 905-886-3366 1-800-893-6733
www.emsee.ca info@emsee.ca

EMSEE

Etymotic Research Consumer Products

We are proud to be partnered with Etymotic Research to distribute their consumer products in Canada. From the non-custom Ety-Plugs, which provide near-flat attenuation similar to the Musicians' Earplugs, through their lineup of headsets, Etymotic offers high-fidelity options for audiophiles and musicians. Multiple options exist for corded or wireless headphones and headsets.



Tel: 905-886-3366 1-800-893-6733
www.emsee.ca info@emsee.ca

EMSEE

Accessories

Tubing and venting supplies:

- 13 Medium, Heavy Wall, Double Wall, Dry; 3/4mm Horns
- Tube Locks: Gold, Plastic, Invisilock, Flexible Vinyl
- Cement: Hard (Acrylics), Soft (PVCs), or Extra-Strength
- SAVs (Small or Large)
- Bulk tubing by the foot (Med or HW)

Impression-taking:

- MegaSil hand-mix
- MegaSil "Solos" (Premeasured singles)
- Syringes and Earlights
- Oto-blocks (7 sizes)



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Tel (905) 469-0620
Fax (905) 469-0629
Toll Free: Canada 1(866) 455-4755
toronto@genieaudio.com

Oticon Earmolds

Molds

- BTE
- RITE
- Power RITE
- CordaminiFit
- CordaminiFit Power

Materials

- Hard Acrylic
- Silicone
- Soft Silicone

Styles

- LiteTip
- In-Mold
- Micromold
- Canal
- Canal Lock
- Half Shell
- Semi Skeleton
- Skeleton
- Non-occluding
- Shell
- Full Mold
- Receiver



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Earmolds, enhanced by AOV



The new Phonak Earmolds with AOV represent an advantage compared to conventional, manually produced earmolds. By taking into account the client's hearing loss configuration and the selected Phonak BTE hearing device, the Phonak Earmold with AOV delivers the ideal balance between gain, sound quality and occlusion management.

This perfect partnership between the mechanical aspects of the earmold and the innovative Phonak hearing instrument technology ensures the technologically optimized Phonak BTE solution.

PHONAK
life is on

For more information visit www.phonakpro.ca

power one)))

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– wireless approved.



Modern hearing aids have many demanding functions that use Wireless technology and therefore a very high power demand is necessary for this. With the mercury-free hearing aid batteries, wireless-approved type p13 and p312 and the high-drain approved type p10 and p675, power one offers high performance batteries with maximum energy density that especially meet these requirements of the new generation of hearing aids.

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The performance is on. The new Pico RITE, Bernafon's smallest receiver-in-the-ear instrument, is now available in the Juna premium hearing aid family.

Equipped with the latest Audio Efficiency™ technology, Juna Pico RITE will please audiences around the world.

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**JUNA
PICO RITE**



Beltone Boost™



Beltone Boost's Made for iPhone® integration opens new and exciting ways for clients with severe-to-profound hearing loss to live their everyday lives. By wirelessly connecting Beltone Boost to a compatible device, clients can now stream sounds directly from an iPhone, iPad® and iPod touch® to their hearing aids without having to wear an adapter or streamer around their necks. And they can wirelessly control calls and adjust their hearing aids' volume and settings.

Made for iPhone iPad

Beltone First is compatible with iPhone 5s, iPhone 5c, iPhone 5, iPod Ai, iPod (4th generation), iPhone with Retina display, iPod touch and iPod touch (4th generation) only. ©2014 Apple Inc. Apple, the Apple logo, iPhone, iPod, iPod touch, Siri and FaceTime are trademarks of Apple Inc., registered in the U.S. and other countries. Audi Stone is a trademark of Audi Inc.

Beltone Canada



Beltone First™



With Made for iPhone® capability, Beltone First hearing aids receive clear, clean sound streamed from your iPhone, iPad® and iPod touch®...like tiny wireless headphones. A tap of your finger gives you a new way to hear:

- Phone calls
- Music
- Movies
- Audio from videos & games
- Turn-by-turn directions
- FaceTime® conversations
- Siri®
- So much more!

Made for iPhone iPad

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JUNA 9|7



For a first class hearing experience, Juna delivers new Audio Efficiency™ features such as Reverb Reduction, Speech Cue Priority™, i-VC, and Comfort in Airplane. Explore the possibilities in Bernafon's premium hearing aid family today.

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JUNA 9|7

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Turn up the volume on life



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- 9 Band Warp™
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- 81 dB Max Gain
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- Peak/soft compression limiting in Linear mode
- DFS Ultra™ with Built in Whistle Control
- NoiseTracker™ II
- Adaptive Directionality
- In Situ Audiometry
- iSolate™ Nanotech Protection
- 4 Programs Available
- Direct Audio Input (DAI)
- Analogue Volume Control Wheel
- 675 Battery

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ReSound ENZO™

Smart super power hearing



- Available in 3 Technology Levels 9/7/5
- 86 dB Stable Gain
- ReSound SmartRange™ chip
- Surround Sound by ReSound™
- Environmental Classifier
- Sound Shaper™
- Low Frequency Boost
- Noise Tracker™ II
- Directional Mix Processor
- DFS Ultra™ II & Auto DFS™
- 2.4 GHz Wireless Technology
- Synchronized Acceptance Manager
- Amplification modes: WDRC, Semi-linear, Linear
- Made for iPhone® (Levels 7 & 9)*
- Ear Level Synchronized Push Button & Volume Control
- TC and DAI support
- Unique Earhook
- Wireless Fitting with Airlink™ 2
- ReSound Smart™ app*

*Feature dependent on model

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ReSound LiNX™

Say hello to the world's smartest hearing aid



- Available in 3 Technology Levels 9/7/5
- ReSound SmartRange™ chip
- Surround Sound by ReSound™
- WARP™ compression
- Environmental Classifier
- Sound Shaper™
- Noise Tracker™ II
- WindGuard™
- Directional Mix Processor
- Binaural Directionality*
- Environmental Optimizer*
- DFS Ultra™ II & Auto DFS™
- Music Mode
- Synchronized Push Button
- PhoneNow™
- Synchronized Acceptance Manager
- SuperPower fitting options (UP receiver only)
- 2.4 GHz Wireless Technology
- Made for iPhone® (Levels 7 & 9)*
- Wireless Fitting with Airlink™ 2
- iSolate™ Nanotech Protection
- ReSound Smart™ app*

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ReSound LiNX™ ReSound ENZO™

	ReSound LiNX 9 ReSound ENZO 9	ReSound LiNX 7 ReSound ENZO 7	ReSound LiNX 5 ReSound ENZO 5
ReSound SmartRange™ Chip	•	•	•
Sound Shaper	•	•	•
iSolate™ Nanotech Protection	•	•	•
DFS Ultra™ II with Music Mode	•	•	•
Phone Now™ with Comfort Phone	•	•	•
Synchronized Push Button	•	•	•
Made for iPhone®	•	•	•
Wireless Fitting with Airlink™ 2	•	•	•
Noise Tracker™ II	•	•	•
Binaural Environmental Optimizer™ II	•	•	•
Binaural Directionality™	•	•	•
Compatible with ReSound Unite™ Wireless Accessories	•	•	•

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ReSound Vea™

Looks good. Sounds great.



- 7 Band Warp™
- 6 Gain Handles
- Adaptive Directionality
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- SoftSwitching™
- NoiseTracker™ II Noise Reduction
- Dual Stabilizer II DFS with Whistle Control
- Expansion
- Phone Now™
- In Situ Audiometry
- Open Fitting Capability
- 4 Programs (2 customizable)
- CIC to Power BTE
- Analogue Volume Control Wheel (on both BTEs and custom products)
- iSolate™ Nanotech Protection
- DVA Pre-approved
- Budget price

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ReSound Verso™

Hearing like second nature



- Available in 3 Technology Levels
- ReSound Range™ II Chip
- 2.4 GHz ear-to-ear wireless communication*
- Binaural Directionality™*
- Binaural Environmental Optimizer™ II*
- Synchronized volume control and push button (BTE models only)
- 17 Band Warp™*
- Surround Sound Processor with Adjustable Directional Mix
- DFS Ultra™ II with Music Mode
- Auto DFS™
- Synchronized SoftSwitching™
- WindGuard™
- PhoneNow™ with Comfort Phone
- iSolate™ Nanotech Protection
- A Complete Line Up

*Feature dependent on model

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ReSound Verso™

Hearing like second nature



	ReSound Verso™ 9	ReSound Verso™ 7	ReSound Verso™ 5
2.4 GHz Wireless Technology	•	•	•
iSolate™ Nanotech Protection	•	•	•
DFS Ultra™ II with Music Mode	•	•	•
Phone Now™ with Comfort Phone	•	•	•
Synchronized volume control and push button (BTE models only)	•	•	•
Synchronized SoftSwitching™	•	•	•
Environmental Optimizer™	•	•	•
Binaural Environmental Optimizer™ II	•	•	•
Binaural Directionality™	•	•	•
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ReSound Verso™ TS

Break the vicious cycle



- Combines a flexible Tinnitus Sound Generator with the most advanced hearing instrument
- White Noise Generator
- Selection of low & high-cut filtering of noise signal
- Synchronized Amplitude Modulation
- Synchronized Environmental Steering™ of noise signal level
- Synchronized Volume Control for noise signal level
- Total Tinnitus Counselling Package
- Binaural Directionality™
- Surround sound processor
- 2.4 GHz Wireless Device-to-Device Communication
- DFS Ultra™ II & Music Mode
- Binaural Environmental Optimizer™ II
- Available in BTEs and RIEs
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*Features dependent on model

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AQ SLIM Hearing System

With its innovative XearA technology, HANSATON has set a new standard and is offering you a range of options of first-class provisions for different hearing losses. When a little more support is needed, Slim is the elegant high-quality choice. The innovative rocker switch allows for the program and volume to be set quickly. Its slender design satisfies the highest demands, it can be adapted to different hearing loss and can also be combined with a transparent mini tube. Ideal for eyeglass wearers.



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13845 Industrial Park Blvd
Plymouth, MN 55441
sales@hansaton.com



www.hansaton-usa.com | 763-331-3780

Hansaton AQ 2.0 Charger

Hansaton is excited to announce the launch of the new AQ 2.0 charging system. Its new smaller design is clear, functional, and best of all - EASY. Three multicolored LED's on each side of the charger indicate all charging conditions. The "one coil system" is more controllable and reliable. It also utilizes an internal datalogger so user behavior can be easily analyzed. And, BTE or ITE cups can be interchanged, making the charging and servicing process optimal for hearing aid professionals and hearing aid wearers.



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AQ Rechargeable Custom Instruments

HANSATON's AQ Custom Rechargeables now use the XearA digital platform, which has seen an excellent reception in the BTE market. Among the noteworthy features of XearA are Bi-Com wireless connectivity, Conversation Lift to optimize adaptive directional processing, Sound Restore frequency compression, 10-kHz bandwidth, and new compression and feedback algorithms. To support this technology, Hansaton's new shell lab employs the most modern digital shell techniques, ensuring comfort and cosmetic appeal. XearA technology powered by Hansaton's patented AQ recharging system offers performance that continues for 20+ hours per charge with a five-year battery guarantee.



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Oticon | Amigo

Amigo R12

- Dedicated ear-level receiver for Oticon BTE and RITE hearing aid styles
- Secure FM connection and smaller profile
- Built-in LED light confirms FM system is on, synchronized to the correct channel and receiving the FM signal
- Push button for on/off and Channel Seek
- Available in 13 colours to compliment Oticon hearing instruments



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Oticon | Amigo

Amigo Star

- Ear level FM receiver
- 312 Battery size
- 55 hour battery life
- Transmission range up to 30 meters
- Water resistant with IP57 classification
- On board volume control with on/off function
- On board channel selection via push button
- LED status indicator (on when FM signal is received)
- 6 colour options



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New Ponto Plus & Ponto Plus Power



- **New** Wireless Bluetooth Communication with the Streamer + Connectline products!
- **New** feedback shield (phase inversion + frequency shifting + gain control)
- **New** Speech Guard E
- **New** customizability with new colour casings + stickers
- **New** more powerful transducer
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- Sleek design and advanced Inium processing chip
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The Ponto bone anchored hearing system from Oticon Medical



Ponto, Ponto Pro & Ponto Pro Power

- Easy to use
- Dynamic Feedback Cancellation
- Feedback Manager
- Multiband Adaptive Directionality
- Speech Guard
- Natural sound quality
- Sleek design and advanced RISE processing chip
- Flexibility to adapt to challenging listening environments
- **New** Wide Implant



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Oticon | Alta



- Inium Platform
- Speech Guard E
- Corda miniFit Power
- Custom offerings
- YouMatic Premium
- Feedback shield & Transient Manager
- IP58 certified dust & water resistant
- Spatial Sound Premium
- Binaural Processing, Synchronization, PB Coordination
- 100 power receiver in custom fittings
- Wireless IIC and CIC
- Spatial Noise Management
- FreeFocus Premium
- Artificial Intelligence Premium [+]
- Connect [+] with Power Bass and Music Widening
- Tri-State Noise Management System
- Multi-band Adaptive Directionality
- Flexible miniFit Receiver & Dome System
- ConnectLine enabled
- Fitting bandwidth 10 kHz
- All styles available

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- Inium Platform
- Corda miniFit & miniFit Power
- Custom offerings
- YouMatic Advanced
- Feedback shield
- IP58 certified dust & water resistant
- Spatial Sound Advanced
- 100 power receiver in custom fittings
- Binaural Processing, Synchronization, PB Coordination
- Wireless IIC and CIC
- FreeFocus Advanced
- Artificial Intelligence Advanced [+]
- Tri-State Noise Management System
- Multi-band Adaptive Directionality
- Flexible miniFit Receiver & Dome System
- ConnectLine enabled
- Fitting bandwidth 8 kHz
- All styles available

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- Inium Platform
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- 100 power receiver in custom fittings
- Wireless IIC and CIC
- YouMatic Essential
- Feedback shield
- FreeFocus Essential
- Binaural Synchronization, PB Coordination
- Artificial Intelligence Essential [+]
- Single-band Adaptive Directionality
- Flexible miniFit Receiver & Dome System
- ConnectLine enabled
- Fitting Bandwidth 8 kHz
- IP58 certified dust & water resistant
- All styles available

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- RISE 2 platform
- 10 kHz bandwidth
- Speech Guard
- Spatial Sound 2.0 with Spatial Noise Management
- Binaural Processing, Synchronization and Coordination
- Connect [+] with Power Bass and Music Widening
- ConnectLine compatible
- Multi-band Adaptive Directionality
- Tri-State Noise Management System
- My Voice
- Binaural DFC2
- All styles including miniBTE design
- IP57 certified dust & water resistant

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Oticon | Acto



- RISE 2 platform
- 8 KHz bandwidth
- Binaural Synchronization and Coordination
- Multi-band Adaptive Directionality
- Binaural DFC2
- Tri-State Noise Management System
- ConnectLine compatible
- All styles including miniBTE design
- IP57 certified dust & water resistant

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Oticon | Ino



- RISE 2 platform
- 8 KHz bandwidth
- Binaural Coordination
- DFC2
- Adaptive Directionality
- Automatic Noise Management System
- ConnectLine compatible
- All styles including miniBTE design
- IP57 certified dust & water resistant

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Oticon | Chili



Chili SP9/SP7/SP5

- Super Power BTE (13)
- Speech Guard
- DSEsp
- Spatial Noise Management
- Tri mode Directionality – Surround, Split and Full
- RISE 2 Platform
- ConnectLine [+]
- Autophone
- FM, DAI, Telecoil
- Small and discreet
- Durable construction
- Reliable design
- IP57 certified dust & water resistant

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Oticon | Safari



Safari 900/600/300

- Super Power
- Binaural processing
- Spatial Noise Management
- Automatic Directionality and Noise Management
- 10 KHz Bandwidth
- LED Indicator
- Wireless connectivity with Streamer and ConnectLine [+]
- FM compatibility
- Small sleek design
- Fun colours and stickers
- IP57 certified dust & water resistant

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Oticon | Sensei



Audiological Features:

- Speech Guard E
- Inium feedback shield
- 10 kHz Bandwidth

Fitting:

- SmartFit Trainer
- EasyRECD
- Binaural Synchronization & Coordination

ConnectLine:

- ConnectLine enabled
- Power Bass
- Music Widening

FM Features:

- VoicePriority i
- FM Super Silencer

Child Friendly:

- LED light
- Tamper resistant battery doors
- Hypo allergenic
- Drop-tested
- IP58 classified
- Phthalates-free

Styles:

- Sensei Pro and Sensei
- Flexible miniFit receivers
- Corda miniFit

www.oticon.ca



Phonak Audéo Q



Phonak Audéo Q is the comprehensive RIC offering for mild to severe hearing losses. Phonak Audéo Q includes three designs, three external receivers and four performance levels, including a noise generator for tinnitus management. Powered by the innovative technology of the new Phonak Quest platform, Phonak Audéo Q hearing systems are the ideal solution for those clients that prefer hearing performance in flexible and discreet RIC housings.

For more information visit www.phonakpro.ca



Phonak Audéo V



Phonak Audéo V is the comprehensive RIC portfolio for mild to severe hearing losses. Phonak Audéo V includes four designs, three external receivers and four performance levels, including a noise generator for tinnitus management. Powered by the innovative technology of the new Phonak Venture platform, Phonak Audéo V hearing aids are the ideal solution for those clients that prefer best hearing performance in flexible and discreet RIC housings.

For more information visit www.phonakpro.ca



Phonak Bolero Q M13



The Phonak Bolero Q M13 series is designed for people with a mild to severe hearing loss who are interested in high performing, highly reliable and discreet hearing aids.

These products have achieved the Ingress Protection Rating IP67. This means they are water, sweat, moisture and dust resistant!

The Phonak Bolero Q M13 is available in four price and performance levels (Phonak Bolero Q90/Q70/Q50/Q30) to suit your personal preferences or budget.

For more information visit www.phonakpro.ca



Phonak Bolero Q



Phonak Bolero Q is the comprehensive BTE offering for mild to profound hearing losses. Phonak Bolero Q includes four models in four performance levels (Q90/Q70/Q50/Q30). Powered by the innovative technology of the new Phonak Quest platform, Phonak Bolero Q hearing systems are the ideal solution for those clients that prefer hearing performance in a hassle-free and easy-to-use BTE housings.

For more information visit www.phonakpro.ca



Phonak CROS



For individuals with unaidable hearing loss on one side and better hearing on the other, Phonak CROS finally provides a flexible and satisfying solution. Phonak CROS is superbly versatile. It can be mixed and matched with many wireless Phonak Quest or Phonak Spice+ hearing instruments. The choice for CROS/BICROS has never been so extensive.

For more information visit www.phonakpro.ca



Phonak Naída Q



Phonak Naída Q is the most complete, WaterResistant power portfolio covering mild to profound hearing losses. It includes three models, available in four performance levels. Naída Q introduces significant performance enhancements across all levels, offering a host of features, based on Binaural VoiceStream Technology™. The Naída Q portfolio is available in the highly attractive Phonak Quest colour range.

For more information visit www.phonakpro.ca



Phonak Sky Q



Phonak Sky Q is the most comprehensive portfolio exclusively designed for children of all ages with mild to profound hearing losses. All four models are water resistant and dust tight. Tamperproof solutions are available when necessary. Phonak Sky Q introduces significant enhancements across the three performance levels, offering the unique benefits of Binaural VoiceStream Technology™ for children. Enhanced fitting capabilities in Junior mode provide increased customization to meet listening needs while unique housing and ear hook colours enable children to Mix & Match so they can fully express their personalities.

For more information visit www.phonakpro.ca



Phonak Virto Q nano



Phonak Virto Q nano is more than just a tiny hearing aid. It is custom crafted to fit entirely in the ear canal, using computer-aided design and the latest generation of advanced materials. Wearing comfort is guaranteed while consistently delivering outstanding sound quality.

The new MiniControl magnetic remote control allows you to easily adjust your Phonak Virto Q nano hearing aids.

For more information visit www.phonakpro.ca



Phonak Virto Q



Phonak Virto Q is the comprehensive custom product offering for mild to profound hearing losses. Phonak Virto Q includes four models in four performance levels (Q90/Q70/Q50/Q30). Powered by the innovative technology of the new Phonak Quest platform, Phonak Virto Q hearing systems are the ideal solution for those clients that prefer the best hearing performance and a cosmetically attractive custom made hearing solution.

For more information visit www.phonakpro.ca



SIEMENS

binax

Ace™ binax

A highlight of discretion and sound

- Powered by binax technology
- IP67-rated - resistant to moisture, sweat, dust and dirt
- Remotely controllable via the new touchControl App
- Ultra small design - the hearing aid is nearly imperceptible when worn
- Push button - also available as flat cover
- Tinnitus therapy feature



www.siemens.ca/hearing

SIEMENS

micon

Aquaris™ micon

Waterproof, ultra robust construction, unlimited enjoyment

- Equipped with micon technology
- Wireless connectivity
- IP68-rated - waterproof and dust proof
- Completely protected housing - suitable for continuous immersion in water up to 1 metre
- Soft touch surface for better grip behind the ear
- Available with Sport Clip - ensuring a secure fit in any situation



www.siemens.ca/hearing

SIEMENS

binax

Carat/Carat A™ binax

True binaural hearing meets flexibility in a compact design

- Powered by binax technology
- e2e wireless 3.0™ - third generation wireless system enables the sophisticated binax binaural features
- IP67-rated - resistant to moisture, sweat, dust and dirt
- Easily operable via the easyTek audio streamer/remote control as well as the touchControl App
- Rechargeable (Carat only) - no hassle with tiny batteries
- DAI-ready (Carat A only) - when used with the integrated DAI battery door, this model connects easily to most common FM solutions



www.siemens.ca/hearing

SIEMENS

micon

Insio™ micon

Engineered for absolute comfort and discretion

- Equipped with micon technology
- Wireless connectivity
- Optivent™ option - designed for optimum balance between wearing comfort, sound quality and speech understanding
- Optional directional microphones
- Tinnitus therapy feature



www.siemens.ca/hearing

SIEMENS

micon

Motion™ M and P micon

A partner for life

- Equipped with micon technology
- Wireless connectivity
- IP67-rated - resistant to moisture, sweat, dust and dirt
- Fully featured to suit all ages
- On-board controls - push button and rocker switch
- DAI-ready - when used in combination with audio shoe, these models connect easily to most common FM solutions
- Optional child-lock battery door
- Tinnitus therapy feature



www.siemens.ca/hearing

SIEMENS

micon

Motion™ SX and PX micon

A partner for life

- Equipped with micon technology
- Wireless connectivity
- IP67-rated - resistant to moisture, sweat, dust and dirt
- On-board controls - push button (PX only) and rocker switch
- Rechargeable - no hassle with tiny batteries
- Tinnitus therapy feature



www.siemens.ca/hearing

SIEMENS

micon

**Nitro™ SP micon BTE
Nitro micon custom**

Maximum power for maximum gain

- Equipped with micon technology
- Wireless connectivity
- IP67-rated (SP BTEs)- resistant to moisture, sweat, dust and dirt
- Maximum amplification, even in directional mode
- Ergonomic slim neck BTE housing design - discreet fit behind the ear
- DAI-ready (SP BTEs) - when used in combination with audio shoe, the BTE models connect easily to most common FM solutions
- Tinnitus therapy feature



www.siemens.ca/hearing

SIEMENS

Orion™ BTE and custom

Flexible, solid, individual essentials

- Wireless connectivity (no streaming capabilities)
- IP67 rated - resistant to moisture, sweat, dust and dirt
- Optivent™ option for custom styles - designed for optimum balance between wearing comfort, sound quality and speech understanding
- Directional microphones - focus on sound from in front while reducing noises from other directions
- Exchangeable housing (BTE only) - for when colour preferences change
- Tinnitus therapy feature



www.siemens.ca/hearing

SIEMENS

binax

Pure™ binax

Sophisticated binaural technology in an elegant design

- Powered by binax technology
- e2e wireless 3.0™ - third generation wireless system enables the sophisticated binax binaural features
- IP67-rated - resistant to moisture, sweat, dust and dirt
- The industry's most energy efficient hearing aid
- Directional microphone placement and orientation is optimized to ensure the best possible hearing performance
- Easily operable via the easyTek audio streamer/ remote control as well as the touchControl App
- Rechargeable - no hassle with tiny batteries
- Tinnitus therapy feature



www.siemens.ca/hearing

SIEMENS

micon

Pure™ micon

Perfectly equipped for effortless interaction in a RIC product

- Equipped with micon technology
- Wireless connectivity
- IP67-rated - resistant to moisture, sweat, dust and dirt
- Rechargeable - no hassle with tiny batteries
- Optimized placement and orientation of directional microphones for the best possible hearing performance
- Programmable and exchangeable controls to match wearer's preferences
- Tinnitus therapy feature



www.siemens.ca/hearing

SIEMENS

micon

Siemens Life™ micon

Sense of hearing meets sense of style

- Equipped with micon technology
- Wireless connectivity
- Exchangeable housing - for when colour preferences change
- Fully automatic functions
- Tinnitus therapy feature



www.siemens.ca/hearing

SIEMENS

Sirion™

Simply reliable

- IP67 rated - resistant to moisture, sweat, dust and dirt
- Optivent™ option for custom styles - designed for optimum balance between wearing comfort, sound quality and speech understanding
- Directional microphones (BTE only) focus on sound from in front while reducing noises from other directions
- Exchangeable housing - for when colour preferences change



www.siemens.ca/hearing

SONIC | bliss



The sound of another great day.

- Available in two technology levels, Bliss 100 / Bliss 80
- Custom models, IIC, BTE, mini BTE & nano RITE
- Speech Variable Processing
- Speech Priority Noise Reduction
- Impulse Noise Reduction
- Binaural Coordination
- Simple connectivity to wireless devices

www.sonici.com
800.667.7664



SONIC | charm



Simply enjoyable.

- Available in two technology levels, Charm 60 / Charm 40
- Custom models, IIC, BTE, mini BTE & nano RITE
- Speech Variable Processing
- Speech Priority Noise Reduction
- Binaural Coordination
- Simple connectivity to wireless devices

www.sonici.com
800.667.7664



SONIC | Endura



The power to keep up with your hearing needs.

- Available in two technology levels, Endura 12 / Endura 6
- Sonic Sound for natural sound that mimics nature
- Best noise reduction to improve performance by reducing background noise
- Integrated DAI for easy connection to FM systems and other audio sources including MP3 player, cell phone and Bluetooth connectivity
- Multiple directional strategies to improve understanding in noise

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800.667.7664



SONIC | flip



Flip your expectations.

- Available in three technology levels, Flip 100 / 80 / 60 / 40
- Speech Variable Processing
- Size 13 battery
- Speech Priority Noise Reduction
- Impulse Noise Reduction
- Multiple directional strategies to improve understanding in noise
- Adaptive feedback canceller
- Binaural coordination
- Simple connectivity to wireless devices

www.sonici.com
800.667.7664



SONIC | ion ion 200

So Small. So Powerful.



- Available in two technology levels ion / ion 200
- Open Ear Design
- S.M.A.R.T. Technology
- Automatic Noise Reduction
- Adaptive Directionality featuring DIRECTIONAL focus
- Feedback Cancellation
- Increased Fitting range with standard ear hook

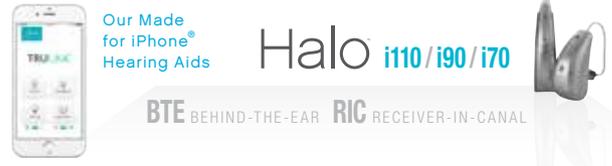
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Halo i110 / i90 / i70

Our Made for iPhone® Hearing Aids

BTE BEHIND-THE-EAR RIG RECEIVER-IN-CANAL



- Enabling carefree conversations using iPhone
- Delivering Starkey Superior Sound™ and pristine audio streaming of any music or media played through their iPhone®, iPad® & iPod touch®
- Letting patients personalize and geotag memories to match what they do and where they go
- Automatically adapting when patients are traveling in cars
- Allowing users to record, play back and email live sound sources
- Changing memories automatically based on personalized geotags
- Allowing Siri® to read emails and texts to patients through their hearing aids
- Letting them control their hearing aid volume and memories via iPhone

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Starkey Made for iPod iPhone iPad www.StarkeyCanada.ca

Z series i110 / i90 / i70 / i30 / i20



BTE BEHIND-THE-EAR **RIC** RECEIVER-IN-CANAL
ITE IN-THE-EAR **HS** HALF-SHELL **ITC** IN-THE-CANAL **CIC** IN-THE-CANAL

- Connectivity for Today
- A More Natural Listening
- Superior Audibility in Noisy Environments
- Distortion-Free Comfort in Loud Situations
- Effortless Connections with Streaming Media and Accessories
- Say Farewell to Feedback
- Customizable Tinnitus Relief
- HydraShield^{®2} Proprietary moisture protection
- Spectral IQ is engineered to enhance real-time audibility by identifying high-frequency speech cues and replicating them in lower frequencies
- Join the Crowd With Active Noise Reduction, with IQ Boost is activated via our SurfLink Mobile or SurfLink Remote



www.StarkeyCanada.ca

THE BEST JUST GOT SMALLER



IIC INVISIBLE-IN-THE-CANAL

SoundLens 2 is even smaller with a redesigned faceplate and advanced mechanical design. The result – increased fit rates and durability. Tiny but powerful, these advanced instruments are loaded with the features and advanced technology that you've come to expect from Starkey Hearing Technologies.



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Quantum²



Quantum² is a trademark of Unitron.

Leading-edge technologies in Quantum² work seamlessly in the background to ensure your patients automatically experience clear, comfortable listening, and unnoticeable transitions as they move between environments. With improved features that you know and love, such as **SmartFocus™ 2** and **Automatic Adaptation Manager**, Quantum² is the next generation of natural sound.

unitron. Hearing matters

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unitron.com

Moxi²



Moxi² is a trademark of Unitron.

The Moxi you know and love just got even better with new styles, more flexibility and the most natural listening experience.

Choose between the durable and functional **Moxi² Dura**, the award-winning, beautiful, and enticing **Moxi² Kiss**, or the tried and true **Moxi²**.

Available with all the great features found in Quantum²; Moxi² raises the bar in style.

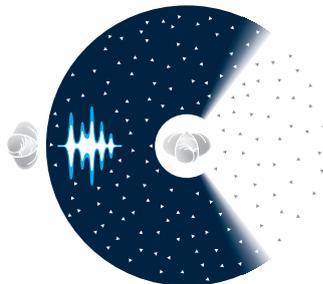
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Quantum² Pro and Moxi² Pro

All the features you love in the Quantum² and Moxi² product lines, now with the added benefit of **SpeechZone 2**.

SpeechZone 2 activates maximum directionality to automatically zone in on speech even in the toughest listening situations.



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Max™



Power adaptation manager automatically and gently reduces gain from the frequency response clients expect to the level that maximizes speech intelligibility and protects hearing.

Frequency compression shifts sounds away from areas where hearing is most damaged, compressing them into the audible range.

Smartfocus™ SP is optimized so that clients automatically experience the best speech understanding or comfort as the situation demands.

unitron. Hearing matters

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WIDEX DREAM™

Performance levels: 440/330/220/110

WIDEX DREAM lets your patients enjoy rich and detailed sound quality with impressive speech intelligibility, even in noisy environments.



- Increased dynamic range of 113 dB SPL in all programs
- Proven to improve speech perception by an average of 6.3%
- Speech Enhancer – 2.5 dB SNR improvement
- Zen – clinically proven for tinnitus management
- Audibility Extender – frequency lowering for high frequency hearing loss

Learn more at ca.widex.pro/dream



ESHOP.WIDEX.PRO | 800.387.7943

WIDEX DREAM™ CIC MICRO

Performance levels: 440/330/220/110

WIDEX DREAM CIC MICRO is a fully automatic, non-wireless model for patients seeking a discreet hearing aid with outstanding performance.



- Increased dynamic range of 113 dB SPL in all programs
- Proven TrueInput technology provides significant benefits in noisy environments
- Available in 80 dB and 90 dB versions
- Fully automatic for a “fit and forget” listening experience
- Very comfortable, with large vents and active feedback cancellation
- Distortion free, natural sound

Learn more at ca.widex.pro/dream



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WIDEX CROS™

WIDEX CROS is a wireless CROS/BiCROS solution compatible with all wireless styles and technology levels in the DREAM hearing aid family.



- Excellent sound quality with no echoes or distortion
- Proven to significantly improve speech intelligibility for people with single-sided deafness when hearing in noise.
- Discreet wireless transmission
- Ear-level volume control
- Ear-level transmission on/off button
- 120 hour battery life
- Adaptive directional microphone

Learn more at ca.widex.pro/cros



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WIDEX SUPER™

Performance levels: 440/220

WIDEX SUPER is a stylish RITE hearing aid with excellent sound quality for people with severe-to-profound hearing loss.



- Max output: 138 dB SPL (2cc coupler); Max gain: 78 dB SPL
- Wireless with a 675 battery, volume and program controls
- Speech Enhancer – 2.5 dB SNR improvement
- Zen – clinically proven for tinnitus management
- Audibility Extender – frequency lowering for high frequency hearing loss

Learn more at ca.widex.pro/super



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WIDEX MENU™

Performance levels: 10/5/3 channels

Flexible MENU™ hearing aids can be customized to meet your client's needs & budget.



- Basic MENU is a 3-channel hearing aid with impressive features at an entry level price
- Upgrade to 5 or 10 channels for improved sound quality and fitting precision
- Premium features can be added to meet the needs and preferences of your patients

Learn more at ca.widex.pro/menu



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Prepare for a world's first in hearing technology.

Discover the next generation of BestSound Technology.



Life sounds brilliant.

Testing, Outfitting, Hearing Instrument Accessories and Miscellaneous



Think
Brain First

BrainHearing™

Sound is one thing, making sense is everything.

The conventional industry mindset is to compensate for damage in the ear. We call this ear hearing. By thinking brain first, we aim to help the brain make sense of the sound it receives from the ears.

BrainHearing™ technology calls for a platform like no other. Our latest generation quad-core signal processing platform, Inium, facilitates our most stable and power-efficient binaural audiology ever. Making it possible for two hearing instruments to communicate continuously and seamlessly,

Inium is the first platform that truly supports the brain's entire process of making sense of sound:

Spatial Sound: organize sounds and orient oneself within its surroundings

Speech Guard: hear better in challenging environments

Free Focus: understand speech over other noises, engage in conversation and switch focus when necessary

YouMatic: enjoy an enhanced, enriched listening experience according to his or her own sound preferences and tastes

Powered by Inium, BrainHearing™ technology rewrites the rules of personalization.



Discover a whole new mindset in audiology at brainhearing.oticon.com

oticon
PEOPLE FIRST

ALL STAR SALES | Sound-Off Earplugs

Sound-Off Earplugs are super soft foam earplugs for hearing protection. These plugs are ideal for traveling, snoring problems while sleeping, studying or for protection in the industrial workplace. Sound-off Earplugs are available in packages of 2 pairs or 4 pairs. They are tapered for easy insertion, comfortable, smooth and have a NRR of 29db.



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www.allstarsales.ca

DiaTec Canada, the one stop solution for all your diagnostic and accessory needs.

- Distributor of several different manufacturers
- Sound booth sales & installation
- Equipment calibrated on site for all manufacturers
- In-house repair & loaner equipment available
- Fully stocked accessories including foam tips, tympanometry tips, paper rolls, probe tubes, etc.
- Assistive listening devices
- Service across the country to clinics, hospitals, ENT or balance centres



Complete line of accessories through Hal Hen

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Diagnostic Solutions & Accessories

Interacoustics

AC40 Clinical Audiometer

The AC40 allows for complete independent use as well as for full PC based audiometry with complete Noah and EMR/HIS integration, it is a true hybrid audiometer.

The AC40 provides the best of both worlds for those who like the familiar, classic feel of an audiometer keyboard while simultaneously engaging the power of the PC.



- Operate the AC40 as a standalone audiometer (no computer)
- Operate the AC40 via computer, and
- Operate the computer via the AC40

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Interacoustics

AA222 Audio Traveler

The AA222 is the most comprehensive combination of middle ear analyzer and clinical audiometer available. It combines all of the diagnostic middle ear analyzer tests found on AT235 and most of the features available on the AD229 diagnostic audiometer. The AA222 is ideal for travelling to alternate locations and for clinical situations where space is at a premium.



- Includes speech and free field testing.
- Diagnostic impedance and audiometry
- PC integration for printing, storage/sharing
- Built-in power supply and test cavities

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DiaTec
Diagnostic Solutions & Accessories

Interacoustics

AD629—The True Hybrid Audiometer

The AD629 includes all the features of a traditional diagnostic stand-alone audiometer but also offers full, two-way PC-control and online mode with flexible reporting tools and database storage (NOAH, OtoAccess™ and XML for EMR integration).

- Integrated pre-recorded speech options
- Internal storage for 500 patients/50,000 tests
- Direct print options
- High frequency option (20,000Hz)
- Compact and portable (35 x 29 cm)



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Diagnostic Solutions & Accessories

Interacoustics

AS608/e Screening Audiometer

The portable AS608/AS608e is ideal for schools, industry, primary medical practices, etc. for quick hearing screening. It is easy to use and offers calibrated pure tone and warble tone stimuli. AS608e (extended version) includes Hughson Westlake automatic pure tone test and PC-integration through a USB cable using the Diagnostic Suite Windows® software for transferring audiometric data to the PC.



- Portable (total weight is less than 1.6 kg/3.5 lbs)
- Simple operation and inexpensive
- AS608e: PC-integration and auto test

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Diagnostic Solutions & Accessories

Interacoustics

OtoRead Portable OAE

OtoRead is a fast, automatic handheld OAE instrument for testing newborn babies, children and adults. Actual test results along with a Pass or Refer indication are available on the display as well as in print from a thermal printer. The user has a choice of three different lengths of cable from the unit to the probe, providing great flexibility to accommodate a variety of testing situations. Tests may be performed with the unit resting in its cradle.



- User friendly
- Reliable
- DPOAE & TEOAE

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Interacoustics

AT235 Diagnostic Impedance Tympanometer

The AT235 is an automatic middle ear analyzer ideal for diagnostic and screening evaluations. Test batteries of the AT235 include standard tympanometry, ETF, ipsilateral and contralateral acoustic reflex and reflex decay and air conduction audiometry.



- Manual and automatic tympanometry
- Ipsi- and contralateral reflexes
- ETF test, Decay test
- Combi probe with remote control built-in
- Built-in power supply and test cavities
- High frequency probe tones (AT235h)

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Interacoustics

The Eclipse ABR/OAE — A Complete Solution

The system when coupled with a PC, includes capabilities for measuring all facets of auditory evoked potentials and otoacoustic emissions. Data are managed through a single database with reports in print or EMR formats. Users build their own system choosing only modules they need with the ability to add more capabilities as their needs change.



- One platform for all tests
- Modular and future safe

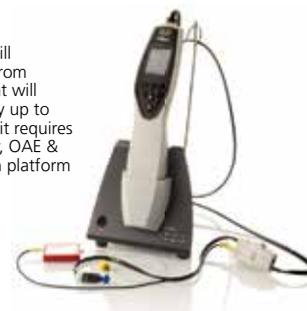
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Interacoustics

Titan—Evaluating the Entire Auditory Pathway

Imagine a handheld instrument that will evaluate the entire auditory pathway from middle ear to brainstem, a product that will reduce your screening ABR test time by up to 50% and yet is so intuitively designed it requires only four buttons to do tympanometry, OAE & ABR. The ergonomic, lightweight Titan platform can do exactly that and much more.



- IMP440 — Impedance — Screening, Diagnostic, Clinical
- DPOAE440
- ABRIS440

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Interacoustics

Titan Middle Ear Analyzer

Titan offers full clinical level middle ear analysis with multiple probe tones (226, 678, 800 and 1000 Hz), multiple Eustachian Tube tests, full reflex battery ipsi/ contra, decay and latency as well as automatic and manual pump control. It can be operated either as a handheld or PC-controlled instrument with the ability to print to a small thermal printer or to a connected PC printer.



- A fully diagnostic and clinical impedance solution
- Handheld or PC-controlled
- High speed and high precision measurements
- Flexible and customizable protocols and reports
- Memory for 250 patients

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Interacoustics

Wideband Tympanometry

The new dimension in differential diagnostics, WBT provides a 3D diagnostic insight of middle ear pathology, helping us to expand our understanding of the middle ear.



- Absorbance provides advanced diagnostic differentiation
- Comprehensive multi-frequency tympanometry — fast and data rich
- 3D mountains of insightful diagnostic data
- Unprecedented research potential

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Callisto™ —Redefining Portability

Interacoustics is proud to announce the release of the new modular member of our Hearing Aid Analyzer family.

Audiometry and REM in one Box!

- Small footprint and light weight (565 g / 1.25 lbs)
- Built-in digitized speech lists
- High frequency up to 16 kHz (optional)
- Counselling features
- Customized reporting and printing
- True on-top mode for fast and easy hearing aid fitting
- Latest NAL-NL2 fitting prescription



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VO425 Vestibular & Oculomotor Analysis

The VO425 is designed for clinics that perform detailed balance evaluations. It offers all the features of the VN415 plus detailed oculomotor testing and analysis. Full field of view visual stimuli in Gaze, Saccade, Smooth Pursuit and Optokinetic testing ensure dramatically reduced numbers of false positives compared to oculomotor testing using lightbar generated stimuli.

- Full field of view visual stimuli
- Software generated stimuli including user's own patterns and images.
- Combination goggle for both occluded and nonoccluded view



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VHIT – EyeSeeCam

The vHIT is a measure of the patient's vestibulo-ocular reflex (VOR) in response to head movement. A patient with a healthy vestibular system should be able to keep his eyes focused on a stationary target, even if the head is in motion. In patients with vestibular dysfunction, when the head moves, the eyes will move with the head, requiring a corrective movement back to the target (known as a "catch-up saccade").

EyeSeeCam vHIT captures this abnormal eye movement, displays the head and eye movements simultaneously in real time, analyzes the data and then provides a simple graphical presentation of the results.



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VF405 Video Frenzel

VF405 provides ideal conditions for fixation-free observation of eye movements during Positional testing, Dix-Hallpike testing, Head Impulse testing (HIT) and Spontaneous Nystagmus testing.

- Simultaneous display of patient movement and eye movement
- Comfortable and light tight goggle with disposable foam cushions
- Two versions: VF405 Basic for eye image display and VF405 Extended for additional video capture of eye images and examination procedures



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VIOT— Video Otoscope

One of the latest additions to the Interacoustics product family: The VIOT™ video otoscope. The Video Otoscope is an important documentation tool for ENT doctors, Audiologists and hearing aid dispenser. Otoscopy is a fundamental practice prior to any audiological evaluation and it may determine alternative strategies during the patient's examination.

- Sharp and high resolution image capturing
- Clear and crisp video recording
- Powerful and bright light source allowing true color capturing
- Full membrane viewing capabilities
- Two focus ranges for tympanic membrane and external images
- Light weight and ergonomic design
- Robust and sealed silicon housing — easy to clean



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Audiometric Rooms

Eckel Audiometric Rooms provide the precise noise control environments necessary for all variety of audiological testing. Over the past five decades Eckel has developed a broad spectrum of standard audiology booths, rooms and suites. A choice of several standard Audiometric Room models are available. Eckel also provides custom audiological & audiometric room design and fabrication.



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MedRx

MedRx The Ultimate Office+

- AVANT REM Speech+ Live Speech Mapping System and the AVANT A2D+ Dual Channel Audiometer along with a convenient carrying case, together they make up The Complete Audiological Testing & Fitting System.
- Features include DSL (I/O), NAL-NAL1 and NAL-NL2 Targets for Speech Mapping
- Plus Optional Integrated QuickSIN™ Testing



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Diagnostic Solutions & Accessories

audioSCAN®

Best Science. Best Fit.

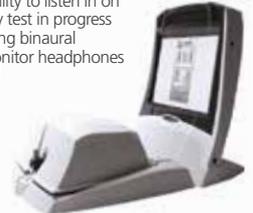
NEW

Verifit2

Introducing the NEW Verifit2

- Fully binaural system, both in the box and on the ear
- As-worn™ verification, allowing users to test hearing instruments programmed and positioned as they will be worn, both on the ear and in the test box
- Testing and verification of advanced hearing aid features including: Wideband amplification; Paired performance, programming changes, and volume control; and Streaming functions such as phone programs
- Measurements to 16kHz and audiometry entry to 12.5kHz for more complete results

- Ability to simultaneously compare hearing instruments from different manufacturers
- The only ANSI RECD compliant fitting system for more accurate results
- Ability to listen in on any test in progress using binaural monitor headphones



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DiaTec
Diagnostic Solutions & Accessories

MAICO

Maico MA 41

- Portable stand-alone audiometer with pure tone, speech and free field audiometric testing
- Tone and speech audiometer for AC, BC and free field testing
- Pure tone, pulse tone, warble tone, narrow band and speech noise
- Speech tests from SD-memory card, CD or via microphone
- Individual customization by extensive configuration options
- Direct printout of the results
- USB PC-Interface, NOAH compatible



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DiaTec
Diagnostic Solutions & Accessories

MAICO

Maico MA 42

- Two-channel audiometer with pure tone, speech and free field audiometric testing as well as Master Hearing Aid
- Air conduction, bone conduction, free field and speech audiometric testing
- Pure tone, pulse tone, warble tone, narrow band, white and speech noise
- SISI, Decay, ABLB, MLB, Langenbeck, Stenger
- Mixing — signals and channels can be mixed independently
- Speech tests from SD-memory card, CD or microphone
- High Frequency Testing Option up to 20,000 Hz
- Direct printout of the results
- USB PC-Interface, NOAH compatible



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DiaTec
Diagnostic Solutions & Accessories

DiaTec

Diagnostic Solutions & Accessories

DiaCare Kit #1: all products in the kit are alcohol free.

- Sta-dri Jar: to remove moisture during overnight storage
- Ear-Gel: a lubricant to help in insertion of earmold
- Wipes: to clean exterior of aids or molds
- Earmold Spray: to clean ITE or earmolds
- Hearing Aid Battery Tester: to insure batteries are still good. Also has a convenient battery holder for 2 batteries
- Earmold Blower: to blow out earmold tube
- Brushes to brush off dry debris
- Convenient flip top storage box
- Available in quantities with clinic name and logo



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Best Science. Best Fit.

RM 500SL

The RM500SL portable hearing instrument fitting system delivers the ability to quickly, objectively and accurately fit and test today's complex digital aids. Objective verification has become even more important with the increased complexity of digital instruments. The RM500SL allows you to accurately fit digitals any time, anywhere. The ultimate portable solution.



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DiaTec
Diagnostic Solutions & Accessories

Adjustable Hearing Screener & Fit Check

- Simple and easy to use
- Hand-held
- Compact
- Designed to quickly screen hearing acuity and the fit attenuation of hearing protection
- Fully-calibrated pulse tone generator features five decibel levels (40, 50, 60, 70, 80 dB) and four frequencies (500, 1K, 2K and 4K Hz)



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audioSCAN®
Best Science. Best Fit.

AXIOM

Audioscan Axiom fitting system. Captivate your patients with Axiom's modern design and exclusive Speechmap display. Educate your patients by revealing their residual auditory area. Motivate your patients using our unique before-and-after amplification speech audibility measure. Axiom's simple process makes you and your patient a team with a common fitting goal — audibility that is comfortable.

The unique stand combines the on-ear speaker and probe microphone cable management. Stand adjusts to both floor, and table-top height.



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DiaTec
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PerfectDry Lux

For Hearing Aid Dehumidification and UV-C Disinfection

- Forced-air fan system
- 360° UV-C lamp
- Quick cycle (30 minutes)
- Intensive cycle (1.5 hours)
- High quality materials
- USB or main power supply
- Compact case design
- Dimensions: 94x74x40mm



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DiaTec
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Digital Battery Tester with Ball Chain

- Checks all types of hearing aid button cells
- Convenient to carry in pocket or purse
- The tester will indicate if the battery is good or bad
- Incorporates the latest digital technology
- A convenient built-in sliding battery case accommodating two 675 type cells (or smaller)



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Scout SPORT

Biologic Scout® SPORT

PC-Based Diagnostic OAE System
Scout OAE Software adds flexibility & complements existing Bio-logic brand hearing products such as Navigator Pro AEP System and AuDX Pro OAE Screeners.



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Audiology Rooms

iac acoustics
making the world a quieter place

IAC's 60 years of experience in designs and installation of Rooms and Booths is second to none. Our audiology rooms provide a comfortable environment for staff and a relaxed atmosphere for patients. We design, manufacture and install an extensive range of high performance Audiology Test Rooms and Booths providing noise reduction levels from between Rw '35dB to Rw'60dB.



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DE550 Wireless Digital Video Otoscope



The DE550 Wireless Digital Video Otoscope is a special purpose digital video camera combined with a high magnification lens and multiple ultra-bright LEDs. Powered by 30x variable magnification, this innovative device streams high quality live video (at 30fps) to a computer or TV, enabling the user to view and record crystal clear images or videos.



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Bio-logic Navigator® Pro AEP



Flexibility, Portability & Adaptability -
Providing Results You Can Trust

Designed by Audiologists to Grow with You
& Your Patients' Needs

The Bio-logic Navigator Pro diagnostic ABR system is the most complete product on the market that offers full AEP functionality in a Windows®-based system.

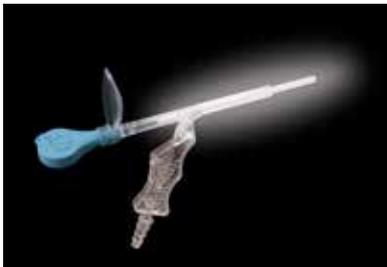


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Bionix Lighted Suction



Bionix has combined the innovation of the Lighted Ear Curette with the efficiency of a suction device. The combination provides the ability to quickly remove cerumen or foreign bodies with the utmost ease and safety.

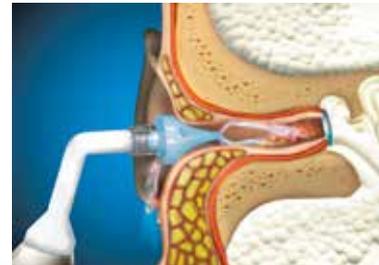


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Bionix Otoclear Irrigator



Sometimes, using a curette to remove ear wax is not the right approach for the patient. Sometimes you'll get an ear canal with hard, dry or impacted wax that needs to be irrigated. But traditional ear irrigation methods that shoot water directly into the ear canal can be both dangerous and messy.



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Echo-Screen® III Hearing Screener



The next generation automated, all-in-one hearing screener

The all new Echo-Screen III hearing screener combines advanced capabilities never before available in a single device. This versatile system uses the same proven and trusted algorithms with automated, pre-set screening parameters that have been used in millions of screenings, so you can feel confident in the quality of your results.

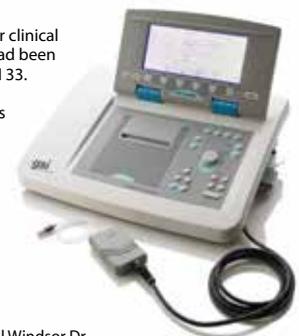


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The GSI TympStar



The GSI TympStar sets the standard for clinical middle-ear testing...A standard that had been established by its predecessor, the GSI 33. The sophistication, functionality and flexibility of the GSI TympStar provides unparalleled testing capabilities.



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GSI Corti Otoacoustic Emissions



The new GSI Corti™ is a portable, battery-operated diagnostic and screening instrument that measures Otoacoustic Emissions (OAE) in infants, children and adults. Offering the ability to rapidly screen newborns, the Corti meets recommended screening protocols and provides diagnostic OAE testing.



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GSI 18



Pure Tone Screening Audiometer

The GSI 18 is a single channel, manual audiometer. It is a direct replacement for our GSI 17. Its stylish design along with its portability, built-in battery compartment and ability to store calibration data for both TDH 39 and EAR 3A or 5A insert phones makes the GSI 18 the ideal solution for school system and industrial hearing screening programs.



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GSI 39 Auto Tymp Pure tone audiometry 226 Hz & 1K Hz Tympanometry screener



The GSI 39 Auto Tymp provides a flexible, screening product for tympanometry, acoustic reflex measurements and audiometry to meet your testing needs today and in the future. It is available in five different versions. Choose the features needed today and upgrade easily to the additional features as your needs grow in the future. These upgrades can be managed in your facility by your local GSI authorized distributor.



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audiostar pro™



Simply Brilliant

For over 60 years GSI has designed and delivered clinical instrumentation for the audiologist and ENT. GSI continues this tradition of excellence with the New GSI AudioStar Pro™ through five points of focus: fast, efficient, customization, familiarity and compatibility.

The GSI AudioStar Pro is a versatile two-channel audiometer that can be used independently or with a computer to provide testing features for complete audiometric test evaluations on every patient population.



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The Bionix Lighted Forceps



The Bionix Lighted Forceps for foreign body removal is an innovative tool that provides primary and acute care physicians with light and magnification in a small, single-use forceps for the ear and nose. The Lighted Forceps is an extension of the innovative, award winning Lighted Ear Curette with Magnification product line.



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The Bionix Lighted Articulating Ear Curette



The Bionix Lighted Articulating Ear Curette combines the two greatest innovations in ear curettage, visualization with light and magnification, and articulation for the ability to work behind an occlusion in the ear canal. The easy to maneuver tip articulates up to 90 degrees to assist in the removal of cerumen from the ear canal and foreign bodies from the ear and nose.



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The Bionix Lighted Curette



Bionix has combined the safety of our single-use ear currettes with a powerful LED light source and a magnification lens creating visualization in what has typically been a blind procedure. This design gives you the ability to handle even the most difficult cerumen removal procedures with confidence and enhanced patient safety.



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AUDIOMETRIC ROOMS AND SUITES

Genie Audio is the proud manufacturer of our own complete range of audiometric rooms and suites. We offer 21 demountable standard models, 1 monocoque model and also custom make rooms to your specific needs to optimise your available space. For further information contact us at our 2 locations.



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info@genieaudio.com

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Genie Audio provides sales, onsite calibrations and repair of these and other manufacturers of Audiological and Otoneurology instrumentation.



Two offices to better serve you:

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lopez@genieaudio.com
Eastern Ontario, Quebec & Maritime Provinces

Chris Wilson & Ed Poortinga
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MADSEN ASTERA²



Introducing the NEW MADSEN ASTERA². A new refined clinical Audiometer. With a new intuitive touch screen interface. All new Paediatric & Special Tests options. In addition a unique & innovative Tinnitus Assessment module. Please contact us at either of our two locations:



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MADSEN AccuScreen



The MADSEN AccuScreen is an easy to use, intuitive newborn hearing screening device allowing for any combination of OAE and ABR. It has a number of features that simplifies the screening process, including touch screen navigation, angled probe and a multipurpose docking station for charging, data transfer and storing the device.



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Aurical



The NEW Aurical is the future of fitting. With unique combinations of intuitive tools and features that enables you to clearly demonstrate the differences between hearing aids.



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ICS Impulse (HIT)



Proud distributor of Otometrics

ICS Impulse (HIT) provides quick, clear-cut ear specific assessment of the vestibulo-ocular reflex response to stimuli in the high-frequency range, the natural range of head movements. ICS Impulse from Otometrics is the world's first HIT device to combine gold-standard accuracy with unrivaled patient comfort, enabling you to perform head impulse testing with inarguable results.



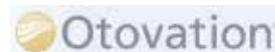
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OTOPOD M1

Proud distributor of **Otovation**

OTOPOD M1 is a diagnostic audiometer. The OTOPOD M2 is unique in combining diagnostic audiometric testing and hearing aid programming in a single, portable device. The M2 can be operated within NOAH to provide a complete diagnostic testing and fitting procedure for Widex hearing aids



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OTOCHECK SCREENER



Proud distributor of Otodynamics

OTOCHECK SCREENER simple to use handheld system with an intuitive interface, offered with either **TEOAEs** for newborn screening or **DPOAEs** for both newborn and pediatric screening. Automatic pass/refer, low cost consumables and long battery life all make it the ideal way to screen with OAEs. Soon to include ABR.



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Ulmer VNG



Proud distributor of **SYNAPSYS**

The Ulmer VNG system is very comfortable for the patients and easy to use for the clinicians. VNS3X: 2-Channel single camera system for a complete ocular motor and vestibular testing. VISION: 4-Channel binocular camera for high frequency recording of ocular motor tests.



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SMARTEP



Proud distributor of **Intelligent Hearing Systems**

SMARTEP is the most complete and flexible platform for the acquisition of Evoked Potentials. A straightforward Control Panel allows for fast data acquisition, while the great variety of controls allow you to perform tests the way you want them.



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VisualEyes Firewire



Proud distributor of **Micromedical**

The VisualEyes Firewire system is designed to provide a comprehensive array of vestibular testing for your patients. The NEW comfortable full field goggles include state of the art cameras to quickly determine pupil centroid location. It has an intuitive Program to assist any clinician in evaluating the of abnormality origin.



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HADEO Dry Box 3.0 Classic and Avantgarde

Due to daily wear, your hearing system is exposed to moisture in the form of perspiration. Despite all safeguards on the hearing system, moisture may penetrate it and target and damage the high-grade electronics. With optimal care you will avoid the need for repairs and extend the lifetime of your hearing systems. Through UVC radiation up to 99.9% of all damaging microorganisms are eliminated. The dry box uses very little energy and dries through a convection drying process without the use of any chemical additives.



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easyTek™

All possibilities in your clients' hands

- The easyTek remote control and audio streamer connects Pure and Carat binax hearing aids to Bluetooth-enabled devices
- Connects via line-in, Bluetooth and DAI to FM sources, transmitters, VoiceLink, TVs, stereos, mp3s, laptops and more
- The neck loop antenna ensures the right placement for optimal operation
- Improved streaming time - thanks to e2e wireless 3.0™
- No need to pair in Connexx™; easyTek works out of the box



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binaxDemo™ App

Demonstrate the benefits of binax to your clients from your Android™ or iOS™ smartphone

- Showcase the sophisticated binax binaural features to your customers
- Demonstrate binax features, including Narrow Directionality, Spatial SpeechFocus, Spatial Configurator, and binaural eWindscreen™
- Compatible with Android* and iOS**
- Easily and quickly download the app from the Google Play* Store or Apple App Store** at no cost



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easyPocket™

Remote control for convenient and discreet hearing aid adjustments

The easyPocket is extremely ergonomic, has an easy-to-read display, and a modern, stylish design.

Available for all binax and micon devices with wireless capabilities.



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easyTek™ App

Almost endless possibilities

- Works with the easyTek audio streamer to offer full access to all of the functions of the binax powered aids
- Quickly control hearing aid volume and programs, as well as Spatial Configurator, tinnitus therapy feature settings and SoundBalance™
- Available on Android* and iOS** smartphones
- The easyTek App can be downloaded for free from the Google Play* store or Apple App Store**



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VoiceLink™

Companion microphone that connects to miniTek and easyTek

- Effectively transmits speech when wearers are attending conferences or presentations
- Includes transmitter, lapel microphone, power supply set, audio cable set, adapter set



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touchControl™ App

Full control at your clients' fingertips

- Discreetly and conveniently change hearing programs, volume, bass and treble via Android* or iOS** smartphones
- Operating range of 1 metre
- Sends an ultra-high frequency signal directly to the hearing aid with no extra hardware required
- The touchControl App can be downloaded for free from the Google Play* store or Apple App Store**



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miniTek™

Wirelessly connects the hearing aid to many different devices

- For a clearer, richer listening experience in true stereo. Sound from Bluetooth™ phones, Mp3 players, televisions and other audio sources are streamed directly to your hearing aids
- For use with applicable micon equipped hearing aids
- Android* smartphones can be used to conveniently operate the miniTek via the miniTek Remote App, which can be downloaded from the Google Play* store



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SIEMENS

eCharger™

Powers and protects the hearing aids

After just 6 hours, the hearing aids are fully charged - ready for a busy day ahead.

In addition, the electronic drying function prevents moisture damage, ensuring long-term reliability.



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WIDEX DRY-GO UV™

The easy-to-use DRY-GO UV dries and sanitizes hearing aids and earmoulds in just 3 hours.



- **Electronic** drying system
- Protects hearing aids from moisture damage – **no desiccant required**
- **Kills 99.9% of germs, bacteria and fungi** with its UV-C light
- Daily use **improves acoustic performance**
- **Energy efficient, safe and easy-to use**
- **Portable** – includes a hard travel case & powered by a standard outlet or USB



Learn more at ca.widex.pro/drygo

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THE STARKEY EXPERIENCE

FOUR DECADES OF INNOVATION

From our humble beginnings as a hearing aid repair shop, Starkey has done things differently. Our focus is not just manufacturing hearing aids, it's improving the hearing lives of people around the world. To this end, we have created the most advanced Research and Development department in the industry and continue to make life-changing advances year after year. Starkey firsts include the first in-canal hearing aid, the first CIC hearing aid, the first hearing aid with nanotechnology and the first real-ear measurement integrated directly into a hearing device.

BREAKTHROUGHS COME IN ALL SHAPES & SIZES – ESPECIALLY SMALL

Our latest innovations in hearing aid design create an unparalleled listening experience while eliminating some of the most frustrating characteristics of older hearing aids. For the first time ever, hearing aids are virtually feedback-free. Our nanotechnology also allowed us to incorporate automatic telephone recognition across a full line of hearing aids.

RESEARCHING THE FUTURE

At the Starkey Hearing Research Center in Berkeley, CA, our researchers explore the medical and technological breakthroughs of the future. Research conducted at

the Center is focused on two primary tracks: Auditory Perceptual Science (how the auditory system perceives sound) & Signal Processing Technology (how hearing aids can modify sound to enhance auditory perception). Working with leading researchers and universities around the world, Starkey continues to seek ways to better understand the science of hearing loss.

PATIENT PROVEN

At Starkey, our renowned evidence based philosophy ensures that product changes will always be based in solid research and patient needs. By incorporating both internal and peer-reviewed research into the development process we ensure that patient benefit drives every design. You won't see extraneous features or updates just for technology's sake. If it doesn't improve the hearing lives of your patients, or improve the fitting process for professionals, we don't do it.

ALWAYS WILLING TO BACK IT UP

We are committed to benchmarking all claims and product research. As the industry leader, we thoroughly test our products internally and then against other hearing aids. If we make a claim, we'll back it up and make our findings public.



Hearing Is Our Concern™



A Carefree Way To Connect To Your World

GLOBAL IMPACT

Starkey is an international hearing technology company. We employ more than 3,500 people, operate 21 facilities and conduct business in more than 100 markets worldwide. This uniquely positions us to deliver hearing aids to countries around the globe.

FOUNDATION EXPANDS STARKEY'S MISSION

Bill Austin built Starkey Hearing Foundation on the mission, So the World May Hear. The Foundation uses hearing as a vehicle to reflect caring and help people reach their full potential. Starkey Hearing Foundation fits more than 100,000 hearing aids to children and adults annually in the U.S. and around the world, and has committed to giving more than one million hearing aids to people in need over the next decade.

MISSIONS ALL OVER THE WORLD, ALL YEAR LONG

There's nothing like the tears streaming down a mother's face as her son is finally able to hear her say, "I love you," or a young girl's laughter when the world of sound opens to her. Hearing loss affects more than 63 million children worldwide, yet many do not have access to the hearing care that can help them. That is why Bill Austin and the Starkey Hearing Foundation team work tirelessly to give the gift of hearing and develop sustainable systems of care globally, having worked in more than 100 countries.

PHOTOS TAKEN FROM STARKEY HEARING FOUNDATION MISSION IN THE WEST BANK 2014



PARTNERSHIP

When you become a Starkey partner, you have the expertise and resources of a world leading hearing technology company behind you. We have a long history of supporting individual practitioners. From comprehensive practice management and technology training to complete marketing programs, it is our goal to help you in any way we can. You'll also have available the most advanced intuitive software, Inspire® OS.

CUSTOMER REPRESENTATIVES WHO CAN ACTUALLY SAY YES

Whether it's a routine order or a challenge with a fitting, you need the kind of support that helps you offer the best solution for each of your patients. At Starkey, you have at your fingertips our Audiology On Demand service, providing online, real-time fitting support. Our customer support representatives are friendly, well-trained and empowered.

SIEMENS



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A world's first: The new Pure binax hearing instruments

The next generation of BestSound Technology.
Clinically proven to exceed normal hearing in difficult listening situations.*

The new Pure™ binax receiver-in-canal hearing instruments combine discreet elegance with cutting-edge technology: Equipped with binax™, the next generation of BestSound™ Technology, they offer a most natural binaural listening experience so wearers can easily localize sound sources, maintain spatial orientation and understand speech incredibly well.

Two independent clinical studies have proven that the new Pure binax allows wearers to understand speech in difficult listening situations like restaurants or parties even better than people with normal hearing.* This world-first advancement is a complete revolution in audiological engineering.



Pure binax

Pure binax' binaural features can be automatically engaged whenever they are needed because it belongs to the industry's most energy efficient hearing instruments when it comes to binaural audio transmission. Your clients can fully enjoy all that Pure binax has to offer without having to worry about battery life.

The new e2e wireless™ 3.0 technology is capable of data transfer rates that are up to 1000 times higher than before. This is the innovation that enables binax' exceptional binaural capabilities – and it also enables wireless connectivity, offering remarkable audio streaming and remote control functions.

The new Pure binax: Outstanding technological features that take binaural hearing to a new level.



Life sounds brilliant.

* Two clinical studies have shown that binax provides better than normal hearing in certain demanding environments (University of Northern Colorado, 2014; Oldenburg Hörzentrum, 2013): Speech Reception Thresholds (SRT) in cocktail-party situations improved up to 2.9 dB for wearers with mild to moderate hearing loss using Carat binax or Pure binax hearing aids with narrow directionality, compared to people with normal hearing.



SIEMENS

www.siemens.ca/hearing

Siemens Audiology is now Sivantos

Sivantos Group is a trademark licensee of Siemens AG, and will continue to develop, market and sell hearing aids under the brand Siemens.

Siemens has finalized the sale of its hearing aid business to the investment company EQT and Germany's Strüngmann family as co-investor. Siemens will remain invested in the new company and participate in future business development. The transaction, which was announced this past November and was completed on January 15, 2015 after obtaining regulatory approvals. The new group name is Sivantos, and worldwide affiliates of the former Siemens Audiology Solutions will be renamed accordingly.

EQT and the Strüngmann family have outlined a growth strategy for further developing the hearing aid business. "EQT is fully committed to supporting the management team and employees to further develop the business. We want Sivantos to become the industry leader in technology and customer perception," says Marcus Brennecke, Partner at EQT Partners, Investment Advisor to EQT VI.

The change of control will provide Sivantos with additional entrepreneurial freedom and flexibility, while enabling it to continue its successful growth trajectory of the last few years. "Today begins a new and very exciting chapter in our company history. Ahead of us, we have great opportunities to propel our business and bring cutting edge innovation and premium service to our customers," says Roger Radke, CEO of Sivantos Group. "On the heels of the early success of binax™, our latest technology platform, we are accelerating the development of smart products and applications that deliver practical benefits to people with hearing loss," remarks Radke.

Sivantos Group has several key hearing aid brands in its portfolio, including Siemens. As a trademark licensee of Siemens AG, Sivantos Group will continue to develop, market and sell hearing products under the Siemens brand over the medium term.

Sivantos Group's roots go back to 1878, when Werner von Siemens developed an enhanced telephone receiver that led to substantial improvement in the patient's ability to understand conversations. Today, the group is one of the world's top manufacturers of hearing aids. In fiscal 2014, Siemens' audiology business employed over 5,000 people, generated revenue of € 690 million and a reported EBIT (earnings before interest and taxes) of €126 million. The global sales organization serves hearing care professionals and distributors in more than 120 countries.

Product development is a top priority, with many "world's firsts" in the history of hearing aids, one of which was the first hearing instrument featuring wireless connectivity. In 2012, in collaboration with the University of Oldenburg, Siemens won the German Future Prize (Deutscher Zukunftspreis) for developing a so-called binaural hearing system that enables hearing aids in both ears to communicate. With ongoing innovation, this finally led to a breakthrough in hearing aid technology that is clinically proven to outperform normal hearing*.

Further information is available on the Internet at www.sivantos.com.

EQT is the leading private equity group in Northern Europe, with portfolio companies in Northern and Eastern Europe, Asia and the US with total sales of more than € 25 billion and over 500,000 employees. EQT works with portfolio companies to achieve sustainable growth, operational excellence and market leadership.

More information can be found on www.eqt.se



Unmatched accuracy, infinite precision, for every sound environment.

Phonak Audéo V hearing aids running on the new AutoSense operating system accurately recognize and automatically adapt to more listening situations than ever before. Featuring our new Venture chip and a smart new algorithm, AutoSense OS precisely mixes and blends elements from multiple programs in real time to provide a seamless listening experience.* Audéo V is just one of many ingenious solutions from Phonak.