



INTERTON | **SCOPE**

Let your customers enjoy
a more comfortable sound

A NEW approach to sound

Interton Scope adopts a completely new approach to sound in order to provide your customers with more comfort, better spatial orientation and efficient feedback suppression. The Interton Scope comprises two complete families at two price ranges; Interton Scope 4 and Interton Scope 6.

Interton Scope features a list of groundbreaking technologies:

- > **SoundScape - Excellent Sound quality**
- > **Feedback Guard - No more whistling**
- > **Automatic Beam Width - Focus on what really matters**

Find out more on the following pages!



The unique **SoundScape** technology allows the wearer to experience a more **comfortable sound** and better spatial awareness - even with the instrument set in directional mode.

SoundScape - for a richer sound

For many wearers it may take some time to adapt to the sound of a new hearing instrument. Some find it difficult to cope with the amplified sound and the changes in spatial orientation. The new SoundScape technology of Interton Scope is a completely new way of meeting these challenges. SoundScape has been developed to provide your customers with a rich sound, which helps them to adapt to the hearing aids almost immediately. And spare you from time-consuming fine-tunings and returns.

Improved spatial awareness

SoundScape effectively mimics the natural sound collection of the human ear, which gives the end-user an improved sense of spatial awareness. SoundScape does this through a unique processing of the low and high frequencies. What the end-user will experience is improved hearing with a more natural sound and a sense of being connected to the listening environment.



See and hear for yourself
Experience the SoundScape technology
video at www.interton.com

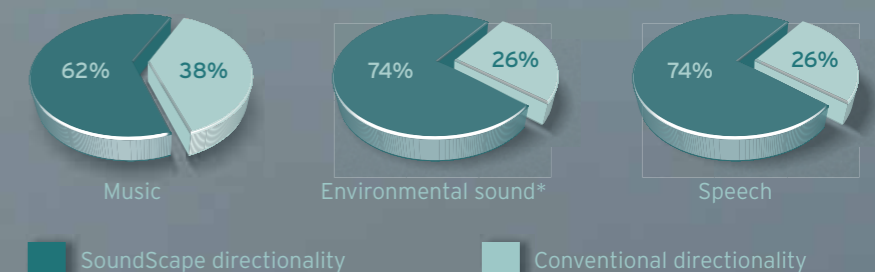
Speech comprehension without compromises

When set in directional mode, SoundScape processes the higher frequencies in a directional manner; meanwhile the lower frequencies are processed as an omni-directional response. The result is better speech comprehension without sacrificing the comfortable sound experience.

The Preferred Sound

Sound preferences very much depend on the individual's particular kind of hearing impairment. Nonetheless, tests have shown some common preferences. For example, many prefer a clear and comfortable sound without any additional noise, and many dislike sharp or tinny sounds. Interton Scope with SoundScape technology takes these preferences into account to give users the kind of sound the majority find most pleasant.

An independent study shows that users prefer the SoundScape sound.



The Blind Sound Quality Study was developed by GN Group in cooperation with Lessius University College, Belgium (2009). In the study the SoundScape directionality was compared to the directionality of the newest hearing instrument from one of the market leaders.

* e.g. running water, birds singing and wind.

Focus on what matters most

Interton Scope offers advanced directionality to help the wearer focus on whatever is most important in a given situation. All Interton Scope instruments features Selectable Beam Width, which allows an individual adjustment of the beam width within the directional mode. In Interton Scope 6, the Automatic Beam Width setting automatically switches to the most suitable beam width, depending on the amount of speech versus noise in the environment. In a noisy environment, the beam automatically narrows to focus on speech in front, while it widens for more environmental awareness in quieter surroundings.

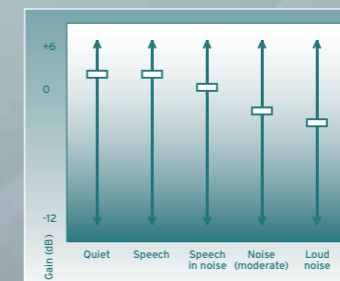
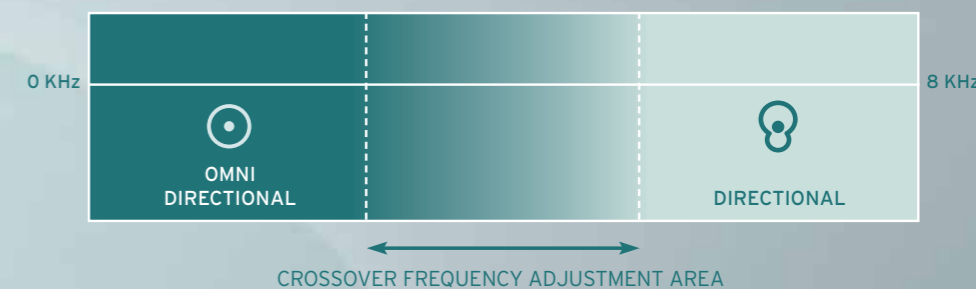


- Automatic Beam Width automatically chooses a narrow beam when there is background noise and a speaker directly in front of the listener.
- Automatic Beam Width automatically chooses a broader beam as soon as speech from the side is detected, or if no background noise is detected.

Individual sound

Both Interton Scope 4 and Interton Scope 6 include SoundScape technology, which processes bass and treble separately in the directional mode. Based on internal research, the crossover frequency between the low and the high frequencies is automatically set to the most preferred position in accordance with the selected hearing instrument and type of hearing loss.

SoundScape goes one step further in Interton Scope 6, and lets you adjust the crossover frequency individually, making it possible to fully match each customer's individual preferences. This is especially valuable when a customer's preference deviates from the research-based presetting.



Environmental Gain Tuner:

Interton Scope 6 offers another great benefit to enhance your customers' speech understanding further. It's called the Environmental Gain Tuner and lets you adjust your customer's preferred gain levels in five different sound environments within the Appraise

fitting software. When activated, it continuously monitors and automatically adapts the volume level depending on your settings and the customer's sound environment. It's simple to do and the result is a truly customised hearing instrument for the discerning customer.



For situations where feedback occurs - even with the feedback management system activated - the addition of the Feedback Guard prevents whistling.

No whistling!

Customers who choose Interton Scope can rest assured that their hearing instruments won't whistle. This is thanks to two efficient feedback management systems working in conjunction. To begin with, first class feedback cancellation technology identifies feedback and cancels it out.

Secondly, Interton Scope features Feedback Guard technology, which works as an "emergency brake" in situations where feedback may occur, even with the feedback management system activated. That is for instance when holding a telephone to the ear or when giving someone a hug. The result is that the user experiences relief from feedback while still having speech intelligibility.



Full discretion

Just like your customers don't want others to hear their hearing instrument, most of them will also prefer an instrument that is as discreet as possible. With the efficient Feedback Guard, it will be easier to fit more of the discreet, open-ear solutions. Please refer to page 12 for more details.



See how the Feedback Guard works
Watch the movie at www.interton.com





INTERTON | SCOPE⁴

Interton Scope 4 is a family of advanced best-in-class hearing instruments for active customers who want great sound quality in everyday listening situations.

INTERTON | SCOPE⁶











Interton Scope 6 is for customers who want optimal sound quality, fully automatic features and individually tailored listening experiences. These customers often experience more challenging communication situations.



Two strong families

LISTENING SITUATIONS

Use the table to find the optimal Interton Scope family for your customer.

		INTERTON SCOPE ⁴	INTERTON SCOPE ⁶
	Speech in Quiet - 1:1 Conversations at home	● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ●
	Situations without Speech - A car passing by - Walking noises	● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ●
	Listening to music - Concerts, theatre, TV or home stereo	● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ●
	Closeness - When giving a hug or a kiss - When wearing hat or glasses	● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ●
	Telecoil Situation - On the phone / at church	● ● ● ● ● ● ● ●	● ● ● ● ● ● ● ●
	Speech in Constant Background Noise - While driving a car	● ● ● ● ● ● ● ○	● ● ● ● ● ● ● ●
	Office Situation - Direct conversation - Printer / computer noise	● ● ● ● ● ● ● ○	● ● ● ● ● ● ● ●
	Speech in Noisy Situations - Group conversations - Talking outdoors / in traffic	● ● ● ● ● ● ● ○	● ● ● ● ● ● ● ●
	Changing Conversation Focus - Narrow focus 1:1 - Wide focus 1:2	● ● ● ● ● ● ● ○	● ● ● ● ● ● ● ●
	Always changing Situations - From group meetings to 1:1 conversations	● ● ● ● ● ● ● ○	● ● ● ● ● ● ● ●

One for every need

Interton Scope features all the models needed to cover your customer's different hearing loss - from mild to profound. Interton Scope is available in a wide range of models and a variety of neutral and discreet colours.



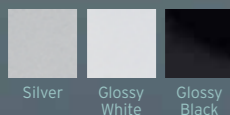
NEW Nano Coating

All models have a unique thin coating based on modern nano technology. The nano coating protects both the outer shell and the electronics inside from dirt and humidity. The result is increased user confidence through improved reliability and longer lifetime of the hearing instruments.

Colours for all BTE and RIE models:



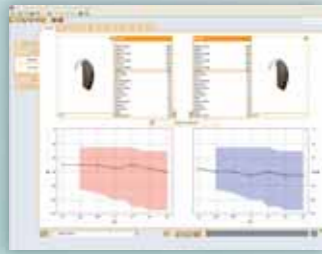
Additional colours for RIE models:



* Also available with earhook
** Not available for the Power BTE

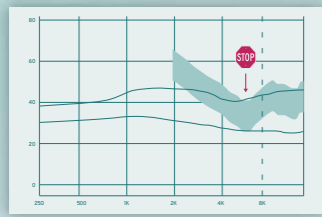


Simple and intuitive



Appraise fitting software

Interton Scope is easily fitted with the well-proven Appraise fitting software. Appraise is a highly advanced programme, but its many advanced features work in the background making the fitting process straightforward and uncomplicated. You will benefit from the simple structure and intuitive menus that make it possible to perform a quick and automatic fit. When needed, you will still have the option of going into the finer details and adjustments of the instrument to the exact fitting requirements of a specific hearing loss.



New Feature: Fitting Protection

When adjusting the correct gain for the Feedback Guard, Appraise offers full protection. When "Fitting Protection" is activated in the menu, the software simply prevents you from increasing the gain beyond the "safety zone" i.e. the upper boundary of the Maximum Stable Gain (MSG) area. If absolutely necessary, it is still possible to de-activate Fitting Protection.

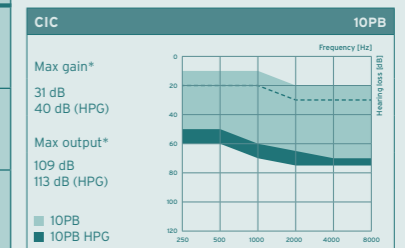
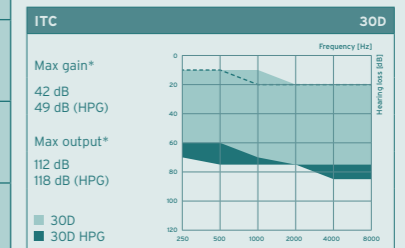
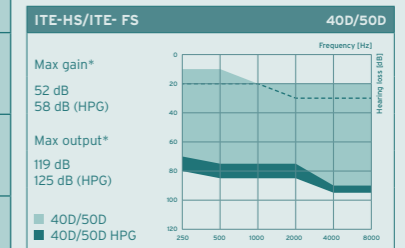
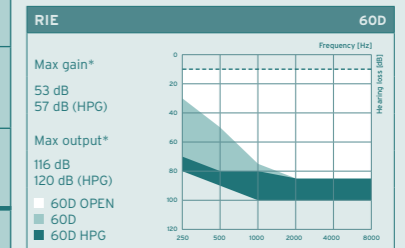
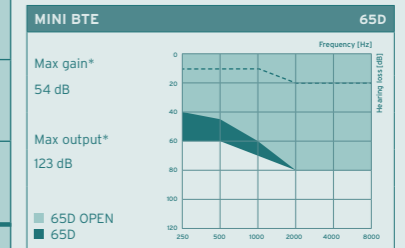
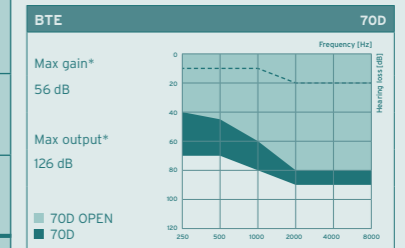
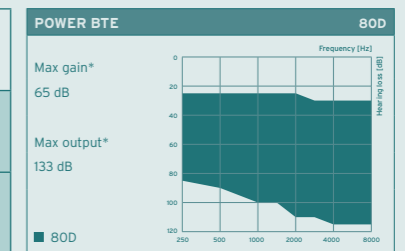


Appraise demonstration

Watch our online demonstration of the Interton Appraise fitting software and see how easy it is to work with: www.interton.com

FEATURE OVERVIEW

	INTERTON SCOPE ⁴	INTERTON SCOPE ⁶
Logarithmic WDRC	9 Channels	15 Channels
Gain handles in FSW	6	9
Comfort Programs	Up to 4	Up to 4
Noise Reduction	Adaptive Noise Reduction	Adaptive Noise Reduction
Microphone Noise Reduction	✓	✓
Stand by Mode	✓	✓
Power-on Delay	✓	✓
Signal tones (Low battery, VC, program change)	✓	✓
Feedback Guard	✓	✓
Feedback Cancellation	✓	✓
Fitting Protection	✓	✓
Fixed Directionality	✓	✓
Speech-Focused Directionality (adaptive)	✓	✓
Auto-Steered directionality (adaptive)	✓	✓
Selectable Beam Width	✓	✓
Automatic Beam Width	-	✓
SoundScape technology	✓	✓
Adjustable Crossover-Frequency	-	✓
Datalogging	Quick view	✓
Environmental gain Tuner	-	✓
Learning Volume Control	-	✓



* IEC 118-7 / ANSI s3.22

Interton - Essential Hearing

Founded in Germany in 1962, Interton today is part of one of the world's largest hearing instrument organisations, the GN Group. We use their proven core technology in a way that falls in line with our own way of doing things. We believe that most people need a straightforward, functional and easy-to-use hearing solution at a fair price. So that's what we give them.

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