



MED^{EL}

VIBRANT SOUNDBRIDGE

Middle Ear Implant System

hearLIFE

Rediscover Hearing

Hearing is fundamental to human communication. Therefore, when a person is able to hear little or nothing at all, not only does this restrict their quality of life and enjoyment of their surroundings, it also places huge limitations on social relationships in their private and professional life.

The good news is: something can be done about hearing loss. MED-EL aims to offer people around the world an appropriate solution when one of their key senses - hearing - no longer functions properly. As a result of decades of research, MED-EL is able to offer the most extensive range of hearing implants.

One of these implants is the VIBRANT SOUNDBRIDGE active middle ear implant system. Thousands of patients around the world are already enjoying the SOUNDBRIDGE system. Leading ENT centres offer the SOUNDBRIDGE as a safe, effective, reliable and well-established solution to provide optimum compensation for various types of hearing loss. Since the first implantation in 1996, the system has been developed and optimised as a result of continuous research.

This brochure is the start of your journey in being able to hear again. Let's make this journey together!

Please find detailed information and specific conditions for use for each product in the respective instructions for use. Not all products, features, or indications shown in this brochure are available in all areas.



The VIBRANT SOUNDBRIDGE

The VIBRANT SOUNDBRIDGE is an active middle ear implant system. It is designed for adults and children above 5 years with mild to severe sensorineural hearing loss, as well as for those with conductive or mixed hearing loss. Also, it can be an ideal choice for individuals who cannot use conventional hearing aids for medical reasons or for individuals with a remaining hearing loss after previous ear surgery.

SOUNDBRIDGE has been helping people around the world to improve their hearing for over 20 years. Today, thousands of SOUNDBRIDGE users worldwide are now able to hear better and understand conversations, communicate with family and friends and enjoy listening in a wide range of situations.



Natural Sound Quality
Clear, natural hearing without noisy feedback



Long-Term Reliability
Most successful middle ear implant for over 20 years



Comfortable to Wear
Small and stylish SAMBA 2 audio processor





How Does VIBRANT SOUNDBRIDGE Work?

A middle ear implant system is an effective way to hear clearly and naturally. The SOUNDBRIDGE consists of two components: the implant and the externally worn audio processor.

1. The audio processor is held securely on the head by magnetic attraction. The integrated microphones pick up sound.
2. The audio processor converts sound into electrical signals.
3. These signals are transmitted through the skin to the implanted part.
4. The implant transmits the signals to the FMT (Floating Mass Transducer). The FMT is the core component of the implant and is smaller than a grain of rice.
5. The FMT converts the signals into mechanical vibrations that in turn stimulate a structure within the middle ear.
6. As a result of these vibrations, the acoustic information is transmitted to the inner ear and thus to the brain, where it is interpreted as sound.



Design Meets Technology

The VIBRANT SOUNDBRIDGE System consists of two parts: the audio processor and the implant. The audio processor is worn on the outside of the head, while the implant is placed fully under the skin. Both parts of the VIBRANT SOUNDBRIDGE system are designed to provide an unmatched combination of natural listening experience, all-day comfort and long-term reliability.

SAMBA 2 Audio Processor

Worn on the outside of the head



VORP 503 Implant

Placed fully under the skin



Good to know:

- ✓ Small and light
- ✓ Stylish Design Covers
- ✓ Intelligent hearing technology
- ✓ Comfortable to wear
- ✓ Easy to use

Good to know:

- ✓ Great hearing performance¹
- ✓ Preservation of delicate ear structures
- ✓ Extremely reliable, proven technology
- ✓ Natural sound quality
- ✓ easyMRI technology for hassle-free MRIs*

¹ Kieß, M. K., Ernst, A., Wagner, J. and Mittmann, P. (2018), The development of active middle ear implants: A historical perspective and clinical outcomes. *Laryngoscope Investigative Otolaryngology*, 3: 394-404.

* Implant is MR Conditional at 1.5 T: Recipients with SOUNDBRIDGE VORP 503 implant may be safely MRI scanned at 1.5 Tesla following the conditions detailed in the instructions for use. The previous generation VORP 502 is not approved for MRI scans.





SAMBA 2

Audio Processor

Life can be complicated, but your hearing doesn't need to be. SAMBA 2 has been designed to make your hearing experience as simple as possible. Its intelligent hearing technology automatically adapts to your environment, and learns how you like to hear your best.

We made SAMBA 2 small and light, so that you can hear comfortably all day long. Its streamlined, stylish design fits so neatly to your head, that you may even forget you're wearing it.

Everyday handling like changing batteries and swapping covers is quick and easy. And you can even manage your hearing experience straight from your phone with the optional SAMBA 2 Remote app.



Automatic Adaption

SAMBA 2 automatically changes settings to match the environment you're in, and reduces distracting background noises.



Waterproof

With the reusable WaterWear cover, SAMBA 2 is fully waterproof. So you can even go swimming with your SAMBA 2.



Personalised Look

Give your SAMBA 2 a unique look with covers in many colours and designs. Blend in or stand out.



Stylish

Personalise your look

SAMBA 2's flexible design gives you freedom: It's easy to quickly swap covers and show off your style. Want to stand out from the crowd? Then go colourful with a bright, patterned Design Cover. Prefer to blend in? Simply choose a cover that matches your hair colour and hide your processor discreetly under your hair.









Adaptable

Effortless hearing, wherever you go

In the car. At a restaurant. Listening to music. Whichever environment you are in, SAMBA 2 automatically changes its settings to match. What's more, it learns which settings you prefer in which environment, to make sure you're hearing your best at all times. So for example, if you always have to turn up the volume in a quiet environment, your SAMBA 2 will recognise and save this information. Over time, these saved settings will become closer and closer to how you actually like to hear. And that means that you can spend less time changing settings, and less time in fitting sessions with your audiologist or acoustician.



Focused

So that you can concentrate on the little things

SAMBA 2's adaptive directional microphones automatically identify and minimise disturbing background noise. This is especially useful in challenging listening situations, such as in a restaurant. With SAMBA 2, you can focus your attention fully on the conversation, with other

noise from the back and the sides automatically faded out. What's more, SAMBA 2 automatically recognises where speech is coming from, and focuses its microphones in that direction. That way, you can hear the conversation as easily as possible, even in the car!

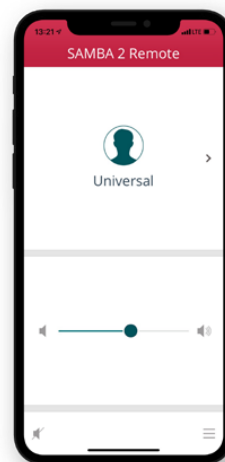


Personalised

Hear the way you want to

With the optional SAMBA 2 Remote app, you can manage your hearing experience from your phone. The app, available for both iPhone and Android, helps you to switch between simple audio processor settings that have already been defined by your audiologist, such as volume and program. This is great for on the go, as you don't have to carry around a separate remote control with you.

The SAMBA 2 Remote app can be downloaded separately from your app store.



Settings
Made
Simple.



Connected

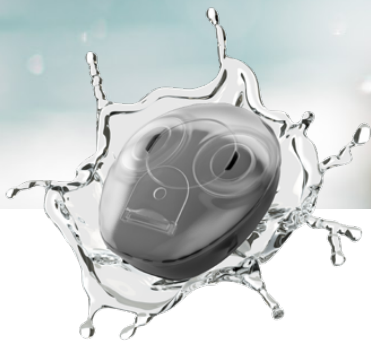
Stream sound on the go

Connect SAMBA 2 to your phone with SAMBA 2 GO. This optional assistive listening device can be used to stream sound from your mobile phone, TV, tablet, and many other devices. It brings the sound from your audio device straight to your ears, and can be used to make hands-free calls.

SAMBA 2 GO connects wirelessly to *Bluetooth®* devices and via a cable to non-Bluetooth devices. It can also be used with FM systems and remote microphones, for better hearing in noisy environments.







Waterproof Dive right in

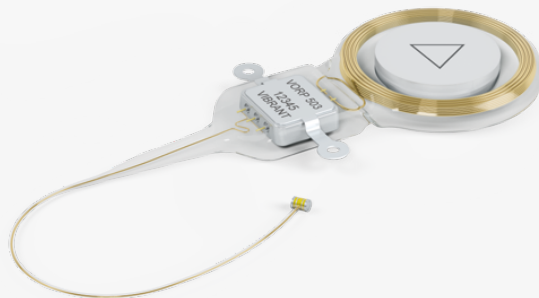
Enjoy the freedom of doing the activities you love, without compromising on your hearing. WaterWear gives you this freedom: The waterproof cover keeps your SAMBA 2 safe and dry, while you do a few laps of the pool, dive into the lake, or surf the waves. With WaterWear for SAMBA you can focus on your hobbies, and still hear everything going on around you.





The VORP 503 Implant

Great hearing, high comfort and proven technology you can trust in: the active SOUNDBRIDGE middle ear implant has it all. Its vibrating part, the FMT, is placed on a middle ear structure and its movements cause this structure to vibrate. This “direct drive” technology reactivates the natural framework of sound processing. That’s why users perceive sound as very natural and, unlike with some hearing aids, there is no whistling. Another advantage: the ear canal remains completely unobstructed. Also, SOUNDBRIDGE is the only middle ear implant that is fixed to just one structure in the middle ear. It is therefore independent of skull growth and approved for children aged 5 years or older.



Great Hearing

The SOUNDBRIDGE implant generates the vibrations itself for a superior and natural listening experience.



High Comfort

VORP 503 is fully placed under the intact skin, leaves the ear canal untouched and requires no maintenance.



MRI Safety*

The VORP 503 implant is extremely reliable and enables hassle-free MRI scans at 1.5 Tesla*.

* Implant is MR Conditional at 1.5 T: Recipients with SOUNDBRIDGE VORP 503 implant may be safely MRI scanned at 1.5 Tesla following the conditions detailed in the instructions for use.



Active

With active technology, the implant generates the vibrations itself and transfers them to the middle ear. Because the vibrations are generated by the internal implant, and not the externally worn audio processor, they don't have to pass through the hair or skin, so aren't weakened before reaching the middle ear. For you, this means better hearing.

Comfortable

With SOUNDBRIDGE, the ear canal remains totally unobstructed. If you find foreign objects in the ear canal uncomfortable, SOUNDBRIDGE may be the ideal choice for you. The implant is placed fully under the intact skin and contains many of the technological components. Therefore, the audio processor can be small, light and comfortably kept in place on the head through a gentle magnetic force. All that makes the SOUNDBRIDGE very comfortable to use.





Safe & Reliable

The SOUNDBRIDGE implant has proven its high reliability over more than 20 years on the market. It offers unique safety features, such as easyMRI technology. That means you can undergo hassle-free MRI scans* and benefit from modern, diagnostic techniques without the need of getting your implant surgically removed***. With 3 out of 4 people needing an MRI in the next 10 years**, that's an important feature.

* Implant is MR Conditional at 1.5 T: Recipients with SOUNDBRIDGE VORP 503 implant may be safely MRI scanned at 1.5 Tesla following the conditions detailed in the instructions for use. The previous generation VORP 502 is not approved for MRI scans following the conditions detailed in the instructions for use.

** Based on OECD data for Germany, 2014.

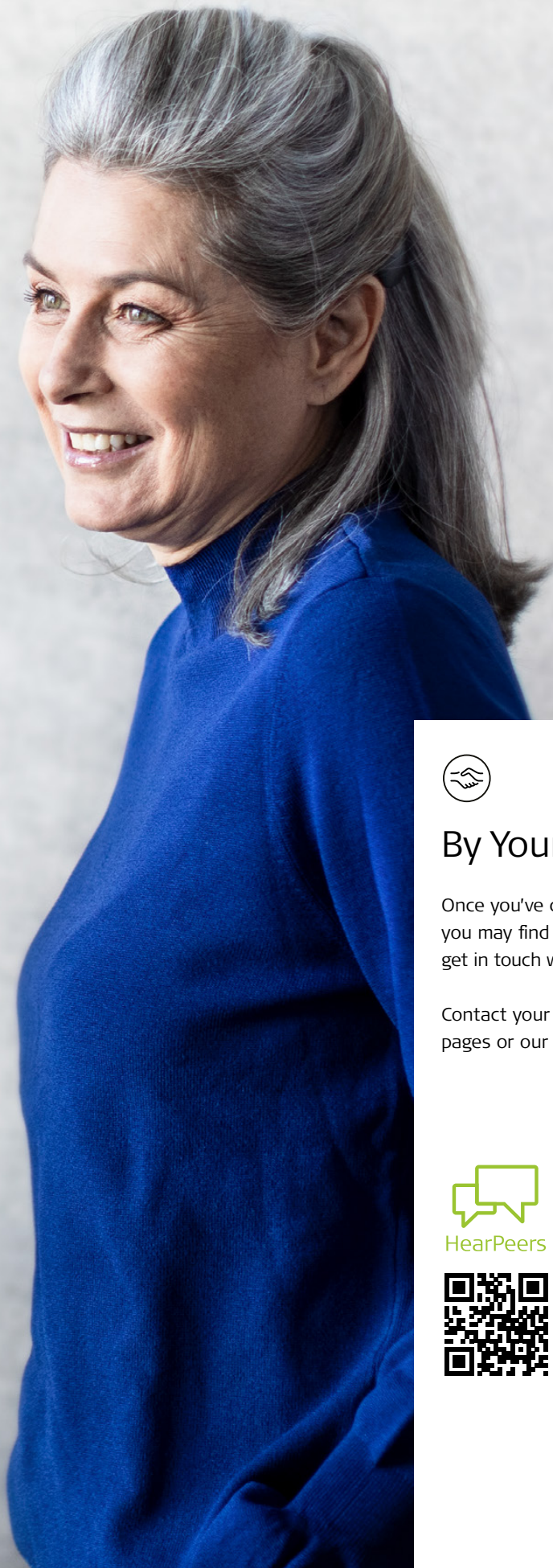
*** The terms and conditions of the MRI guarantee can be found at <https://go.medel.com/mri-guarantee-terms>



Future Ready

Of course, you deserve to get the latest technology – now and in the future. Even future generations of audio processor will be compatible with your VORP 503 implant. This makes it easy for you to upgrade to the latest model. As a result, you can always benefit from the latest audio processor technology, no matter how long you've had your implant.





By Your Side

Once you've decided to start your VIBRANT SOUNDBRIDGE journey, you may find you have lots of questions. So please don't hesitate to get in touch with us. We are always here for you with help and advice.

Contact your local MED-EL representative and visit our social media pages or our website.

[medel.com](https://www.medel.com)



HearPeers



"What is daily life with an implant like?"

Connect with one of our hearing implant users who can help answer any questions you might have.



MED-EL Headquarters
in Innsbruck, Austria

MED-EL

Our Promise

Choosing VIBRANT SOUNDBRIDGE isn't just about trusting a product, it's also important to trust the company behind the product. MED-EL has been developing and producing pioneering products for more than 25 years, and with over 2,000 employees it is one of the world's leading companies in the field of innovative hearing solutions.

Our goal is to make each one of our users feel confident and taken care of. Our promise, to give you the best hearing we can, motivates us to continue researching and developing new products. When you choose MED-EL, you're choosing a reliable partner for life. That's our promise.

MED-EL Office Near You

MED-EL Implant Systems Australasia

Suite 2.07, 90-96 Bourke Road
Alexandria, NSW, 2015, Australia
+61 2 9690 2455
office@medel.com.au

MED-EL Offices Worldwide

AMERICAS

Argentina
medel@medel.com.ar

Brazil
office@br.medel.com

Canada
officecanada@medel.com

Colombia
office-colombia@medel.com

Mexico
office-mexico@medel.com

United States
implants@medel.us.com

ASIA PACIFIC

Australia
office@medel.com.au

China
office@medel.net.cn

Hong Kong
office@hk.medel.com

India
implants@medel.in

Indonesia
office@id.medel.com

Japan
office-japan@medel.com

Malaysia
office@my.medel.com

Philippines
office@ph.medel.com

Singapore
office@sg.medel.com

South Korea
office@kr.medel.com

Thailand
office@th.medel.com

Vietnam
office@vn.medel.com

EMEA

Austria
office@at.medel.com

Belgium
office@be.medel.com

Denmark
nordic@medel.com

Finland
office@fi.medel.com

France
office@fr.medel.com

Germany
office@medel.de

Italy
ufficio.italia@medel.com

Netherlands
office@nl.medel.com

Norway
norge@medel.com

Portugal
office@pt.medel.com

South Africa
customerserviceZA@medel.com

Spain
office@es.medel.com

Sweden
nordic@medel.com

Switzerland
office-ch@medel.com

Turkey
medelturkey@medel.com

United Arab Emirates
office@ae.medel.com

United Kingdom
customerservice@medel.co.uk

MED-EL Medical Electronics
Fürstenweg 77a | 6020 Innsbruck, Austria | office@medel.com

medel.com

