

# 2018 Pediatric Product Portfolio

A better future for every  
child with hearing loss



**oticon**  
PEDIATRICS

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## Pediatric mission

At Oticon, our pediatric mission is very specific:  
**To create a better future for every child with hearing loss**

### Safeguarding the future of children with hearing loss

Oticon's audiological mission is to help hearing care professionals create a better future for children with hearing loss.

We want to assist children in realizing their full potential with hearing aids capable of meeting their individual needs as they journey towards adulthood.

We will empower you to adapt solutions to fit children's needs at every stage of their development.

### Every child is unique

We aim to deliver solutions, tools and techniques that offer everything you need to provide every child with hearing loss a better future.

That's our mission. That's where we want to go. **Together.**



## Introducing the BrainHearing™ approach

### It is the brain that makes sense of sound

We hear with our brain. Not our ears. The ears receive sounds and send them to the brain that translates the sounds into meaning. It is the brain that makes sense of sound, and so the child's brain must be stimulated to develop.

### Although hearing loss happens in the ears, the real effect is in the brain

Speech and language are cognitive processes that happen in the brain. During the first three and a half years of childhood neuronal networks are critically sensitive to stimulation, although the brain remains plastic throughout life.\*

We want to provide solutions that provide the child's brain with the very best information so that the child has the best opportunity to get the most out of the spoken word.

### Giving the child's **developing brain** what it needs

We will continue to ensure that our core features culminate in greater speech understanding for children in the many complex educational and social environments they encounter every day.

Key to achieving this, are solutions that allow you to adapt BrainHearing™ technologies to suit each child's unique needs. Oticon BrainHearing™ technologies ensure continued access to the highest possible sound quality which ensures that young brains are stimulated to learn.

**Oticon incorporates the most advanced sound processing features supporting BrainHearing** Speech Rescue™ is our new frequency composition approach introduced with Sensei Super Power which rescues high frequency speech cues and gives the child the audibility to hear more speech sounds.

Speech Guard E is our adaptive compression system in our Pro models that helps preserve the fine details of sound, making sounds audible, comfortable and clear.

Both features support the child's brain in making sense of sounds to improve speech understanding.

\* Kral & Sharma, 2012, Developmental neuroplasticity after cochlear implantation. *Trends Neurosci* 35(2):111-22.



## Traditional technology

Focuses on one speaker and suppresses all others

The technological limitations of current hearing aids have led to the use of narrow beamforming directionality, which makes one speaker stand out while suppressing the rest of the sound environment. This prevents the user from following conversations with multiple speakers in a natural way.



## New technology

Opens up their world to 360° of sound

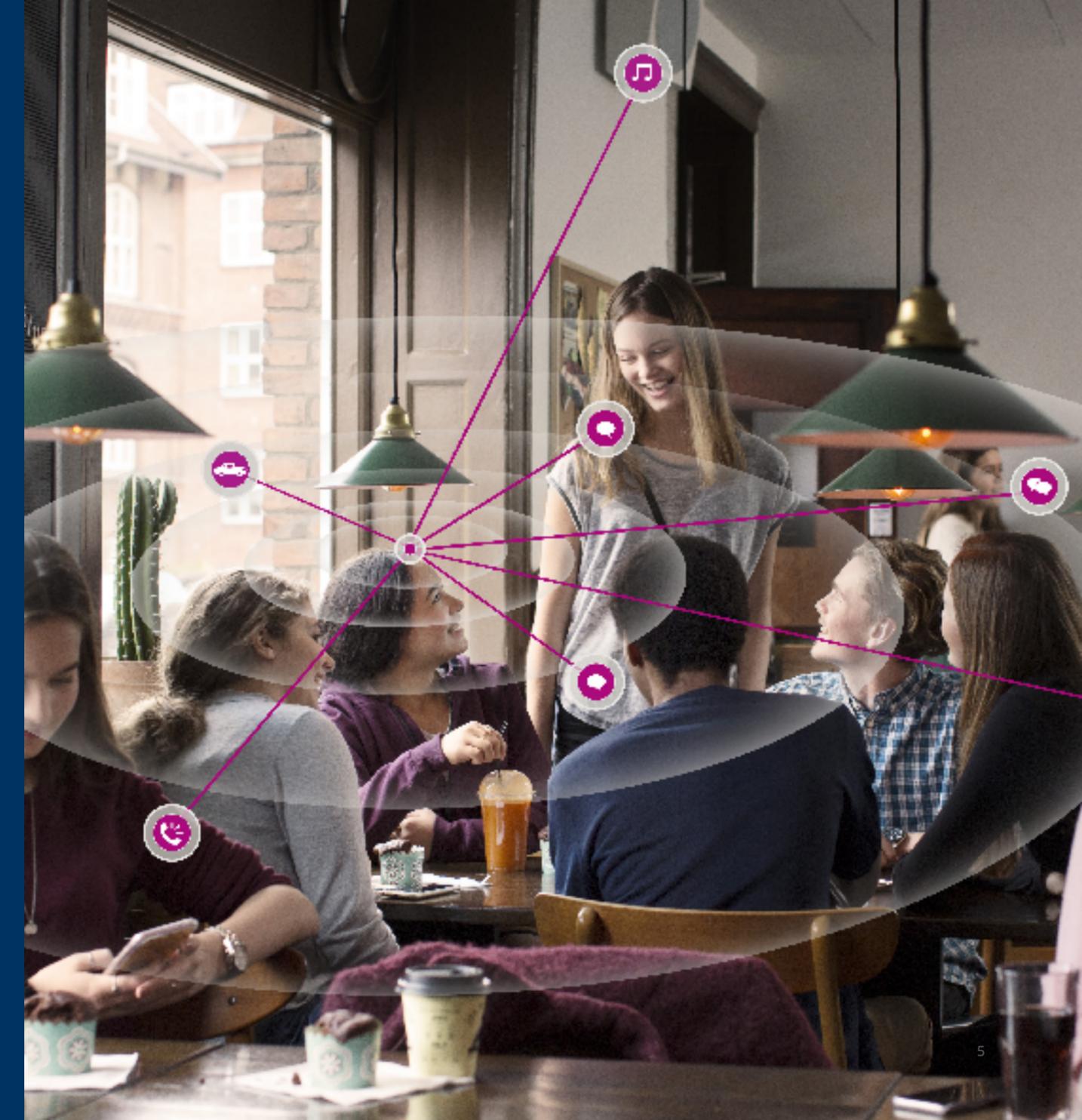
Built on the new ultra-fast Velox platform\*, Oticon Opn is fast and precise enough to analyze and follow the dynamics of the soundscape, as well as differentiate between speech and noise.

By rapidly and precisely reducing noise, it allows teens to access and handle multiple speakers simultaneously, even in complex listening environments.

Opn's exclusive technology makes it easier for teens to differentiate between sounds, locate single sounds, and have a more accurate spatial sense of their surroundings.

In other words, they can hear sound in 360° and choose where to focus their attention, a critical advantage during this very important time in their physical, mental and social development.

\* 50 times faster data processing compared to Inium Sense, 64 frequency channels, analyzes over 100 times per second.





### OpenSound Navigator™

**Feature:** Fast and efficient sound analysis and processing that balances the soundscape and removes unwanted noise sources.

**Benefit:** Allows the wearer to pick up all sounds from all directions in their environment, and improve performance in background noise.

### Speech Rescue™ LX

**Feature:** Helps make high frequency speech sounds accessible that would otherwise be inaudible using frequency composition.

**Benefit:** Restores sounds like /s/ and /sh/ that might otherwise be missed.



### Speech Guard™ LX

**Feature:** An adaptive compression strategy combining fast and slow compression to capture the details of the speech signal and present it to the brain with the least amount of processing possible.

**Benefit:** Preserves the natural characteristics of speech to make conversations easier and sound more natural, especially in noisy environments.

### Clear Dynamics

**Feature:** Enhanced input dynamic range of 113 dB

**Benefit:** Better sound quality with less distortion in loud environments.



### Wind Noise Management

**Feature:** Optimizes conditions for better speech understanding – even in situations with wind noise.

**Benefit:** Allows the user to pick up conversations in windy situations.

### Soft Speech Booster LX

**Feature:** Customize soft gain based on each client's unique perception of sound for a more personalized fitting.

**Benefit:** Important soft speech details are delivered to help them get a better connection with the environment and understand speech more easily.



### Spatial Sound™ LX

**Feature:** Preserves naturally occurring spatial cues that the brain needs to organize the soundscape around it and emphasizes the ear in the better listening situation for improved understanding when necessary.

**Benefit:** Allows the brain to use cues from the environment to identify the location and direction of sound.



### Speech Rescue™

Speech Rescue is a frequency lowering approach that precisely copies and adds high frequency sounds to a lower audible frequency range that the child can hear. The frequency composition operates like a “copy and paste function” to lower the speech information and maintain stimulation in the original high frequency range.

Speech Rescue repositions higher frequency speech energy into available mid-frequency spaces with minimal distortion in the midfrequencies. Providing the option to then turn down the high frequency gain or to provide the complete bandwidth of amplification available to the child across all frequencies at all times, even when Speech Rescue is on.

Speech Rescue gives the child the audibility to hear more speech sounds, especially high frequency sounds, such as “s” and “th”, in order to increase speech understanding.



### Speech Guard E

Speech Guard E combines linear and nonlinear amplification systems into adaptive compression to optimize the listening experience in both stable and abruptly changing environments. This prevents sounds from being uncomfortable and provides a clear and intact signal.\*

The child will get all the audibility that they need and will experience the sound information needed to improve speech understanding. Most importantly, Speech Guard E delivers high-quality sound by preserving the differences in intensity and nuances of the speech signal to support the child's brain in making sense of sound.

\* Pittman et al. 2014 "Effects of Fast, Slow and Adaptive Amplitude Compression on Children's and Adult's Perception of Acoustic Information", Journal of American Academy of Audiology (JAAA), Vol. 25, No. 9, 2014.



### Inium feedback shield

Inium feedback shield significantly reduces whistling without compromising on sound quality, audibility or comfort. We have achieved this by intelligently combining three technologies to protect children from whistling while maintaining a clear and natural sound with fewer interruptions.

The Inium Sense feedback shieldSP is specifically adapted for severe to profound hearing losses, supporting Speech Rescue and an extended Super Power bandwidth. It ensures that feedback is controlled in the frequency regions where the risk of feedback is highest.

Both the Inium feedback shield and the Inium Sense feedback shieldSP prevent feedback while preserving sound quality.



### VoicePriority i™

VoicePriority *i* is an automatic adaptive feature built into the hearing aid that adjusts the FM signal at ear-level to prioritize the teacher's voice in noisy conditions.

When an FM receiver is enabled, VoicePriority *i* monitors the noise level around the child. If noise levels reach 58 dB(A) and the teacher is talking, VoicePriority *i* incrementally increases the FM gain. This ensures that each child's FM gain is adjusted to their individual needs.

Researcher Erin Schafer, Ph.D, University of North Texas, USA has validated VoicePriority *i* in favor of a traditional FM or a hearing aid alone\*.

\*Schafer et al. 2013 - "Effects of VoicePriority in FM Systems for Children with Hearing Aids", Journal of Educational Audiology 19:12-24, 2013.

## Safety and Robustness



## Designed to last

Oticon pediatric hearing aids meet the highest possible safety and reliability standards

**Oticon pediatric hearing aids are safe, fit securely on the ear and have a robust design to stand up to children's active lives.**

**Robust and reliable, ideal for active kids**  
To ensure their high quality, our products have undergone extensive internal tests and meet strict internal durability requirements and international child safety standards (IEC 60601-2-66:2012). For example, they are shock and drop-resistant to withstand children's rough treatment.

**Safety first, in all aspects of the child's life**  
Child safety has always been a primary concern at Oticon. To keep inquisitive fingers away, the tamper-resistant battery door is standard\* for ages 0-3 to avoid access to and accidental swallowing of batteries.

**LED status indicator, for complete peace of mind**  
The well-known LED on Oticon pediatric hearing aids provides you, teachers and caregivers with immediate visual confirmation of the status of the hearing aids for peace of mind that the battery is functioning properly.

\*standard on instruments where available

## Child friendly

Repels water and dust - completely hypoallergenic too!

Oticon pediatric hearing aids are capable of withstanding humidity, water, dust and heat. And they are also hypoallergenic!

**IP68 classification for dust and water resistance**  
Oticon's IP68-certified intelligent mechanical design includes barriers to prevent water, dust and debris from getting inside. The hearing aids are also nanocoated to repel water and offer protection against water in mechanical casings and with electrical enclosures. They are water ingress tested in one

metre of water for 2 hours. Ready for jumping in puddles, playing sports, sweating and summer humidity.

**Free of allergens**  
In addition to meeting international standards on safety and biocompatibility, at Oticon we have excluded more than 200 potentially harmful materials - including being phthalate-free - and substances and compounds to minimize allergies. Our hearing aids are completely hypoallergenic, including the accompanying decorative stickers, and come with biocompatible painted surfaces to protect against allergies.

## Oticon SafeLine™ Hearing aid retention cord

Now every child can wear hearing aids during all activities



### Easy to use

Attach the rings of the cords to the hearing aids



Clip SafeLine to the child's collar



Put the hearing aids on



SafeLine is compatible with all Oticon BTE, miniRITE and designRITE hearing aid styles.

**Keep their senses sharp in more situations**  
When a child has to remove their hearing aids, their sensory world becomes limited. However, children want to be present, aware, and in the moment. Help them stay alert, whether it's on the field, in the classroom or crossing the road.

**Leave worries behind with SafeLine**  
With Oticon SafeLine attached to the child's hearing aids, parents can be confident their hearing aids won't fall off, get lost or damaged. Children wearing SafeLine can enjoy all the auditory support they are used to, without their hearing loss holding them back.

# Oticon Opn

## A new paradigm for teens



# Performance that inspires confidence

## 360° open sound experience

Teen life can be as complex as the listening environments they inhabit every day. The advanced features of Oticon Opn put them in control and in the center of the action.

Opn features two groundbreaking technologies that help provide teens with more accurate information about their 360° soundscape, even in the most difficult environments.

**OpenSound Navigator™** scans the sound environment over 100 times per second, rapidly and precisely attenuating distracting noise – even between individual words – making distinct speech stand out clearly.

**Spatial Sound™ LX** uses Oticon's exclusive TwinLink™ technology to more than double the amount of binaural data\* available to the user, giving the brain the cues it needs to pinpoint the position of all distinct sounds, providing precise localization in 360°.

### Why does this matter to a teenager?

Through the multi-channel, always-open approach, OpenSound Navigator handles multiple dynamic speech and noise sources better than ever before. By providing less noise and preserving more speech cues, Oticon Opn provides better stimulation of the developing teen brain and therefore supports better potential for learning. Whether indoors, outside, on the phone, or using other linked devices, the Opn strategy supports the teen brain in a multitude of environments.

Three different styles, each with a full set of Opn features. Both miniRITE and miniRITE-T are available with speakers 60, 85, 100, and 105 – covering hearing loss from mild to severe-to-profound.

### The winning formula



OpenSound Navigator™



Spatial Sound™ LX



The open sound experience

Opn delivers the one thing that every teen wants – **the confidence to be themselves in everyday situations.**



miniRITE miniRITE-T Plus Power

### miniRITE

Sleek and modern, it sits discreetly behind the ear, is available in all performance levels and covers hearing loss ranging from mild to severe-to-profound.

### miniRITE-T (Telecoil)

Follows the same sleek design line as the miniRITE and covers hearing loss ranging from mild to severe-to-profound. The telecoil also offers discreet FM access via neckloop receivers like Amigo Arc.

### BTE13 PP (Plus Power)

Representing the perfect balance between size, user friendliness and power, the new Oticon Opn BTE13 PP offers an output level of up to 133 dB SPL. Feature highlights include Speech Rescue™ LX when frequency lowering is desired, telecoil (compatible with FM neckloop receiver), a double push-button and optional LED indicator.

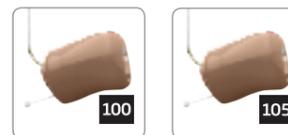
Colors:



Receivers:



Flex Molds:



Style overview	Opn 1, Opn 2, Opn 3				
	miniRITE*, miniRITE T*				BTE13 PP*
	60	85	100	105	105
Battery size	312	312	312	312	13
Fitting Range					
OSPL90 (peak)					
2cc coupler	105	116	122	127	131
711 Ear simulator	116	127	132	135	138
Full-on gain (peak)					
2cc coupler	35	54	57	64	66
711 Ear simulator	46	66	66	72	73

\*Fitting range is based upon Oticon Opn 1. Details for Oticon Opn 2 & Oticon Opn 3 are available in Technical data sheets.

	Oticon Opn 1	Oticon Opn 2	Oticon Opn 3
<b>Speech Understanding</b>			
OpenSound Navigator™	Level 1	Level 2	Level 3
- Balancing power effect	100%	50%	50%
- Max. noise removal	9 dB	5 dB	3 dB
Speech Guard™ LX	12 dB window	9 dB window	9 dB window
Spatial Sound™ LX	4 estimators	2 estimators	2 estimators
Soft Speech Booster LX	•	•	•
Speech Rescue™ LX	•	•	•
<b>Sound Quality</b>			
Clear Dynamics	•	•	•
Spatial Noise Management	•	•	-
Fitting Bandwidth	10 kHz	8 kHz	8 kHz
Processing Channels	64	48	48
Bass Boost (streaming)	•	•	•
<b>Listening Comfort</b>			
Transient Noise Management	4 configurations	2 configurations	2 configurations
Feedback shield LX	•	•	•
Wind Noise Management	•	•	•
<b>Personalization &amp; Optimizing Fitting</b>			
YouMatic™ LX	3 configurations	2 configurations	1 configuration
Fitting Bands	16	14	12
Multiple Directionality Options	•	•	•
Adaptation Management	•	•	•
Oticon Firmware Updater	•	•	•
Fitting Formulas	VAC+, NAL-NL1 + 2, DSL v5.0	VAC+, NAL-NL1 + 2, DSL v5.0	VAC+, NAL-NL1 + 2, DSL v5.0
<b>Connecting to the World</b>			
Stereo streaming (2.4 GHz)	•	•	•
Made for iPhone®	•	•	•
Oticon ON App	•	•	•
ConnectClip	•	•	•
Remote Control 3.0	•	•	•
TV Adapter 3.0	•	•	•
<b>Special Needs</b>			
Tinnitus SoundSupport™	•	•	•

\*200% increase in binaural communication capacity compared to Inium Sense



## Every **child** deserves the best

Oticon Sensei is a family of hearing instruments designed to give a better future to every child.

Built on the Inium platform, Sensei combines revolutionary audiological features with a robust design. This ensures the unique needs of all children, from infants to teens, are met.

BENEFITS	HOW
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**Every child deserves the best**

Helps deliver sound information needed to improve speech understanding. Increases the child's ability to complete complex auditory tasks.

Ensures correct earmold insertion - every day. Confirms to parents they're inserting the earmold correctly.

True Oticon sound quality free from whistling and artifacts in more challenging situations.

Fast and easy to perform RECD method when working with infants and children.

Ensures audibility of the teacher's voice when noise is excessive around the student. Facilitates attention shifting between different speakers when it is noisy.

**Combines advanced audiological features with a robust design.**

**Speech Guard E's** superior adaptive compression preserves the important speech details, making them audible, comfortable and clear.

**SmartFit™ Trainer** introduces a new dimension when showing parents how to insert earmolds. The LED indicates when the earmold is not in the correct position.

**Inium feedback shield** efficiently prevents feedback, even in difficult situations, without compromising audibility and sound quality.

**EasyRECD™** tool takes the complexity out of RECD when the child is in the clinic.

**VoicePriority i™** is an advanced and adaptive FM strategy that constantly monitors and balances the FM signal depending on the noise level around the student.

\* Bandwidth accessible for gain adjustments during fitting. Measurements performed in technical settings according to 711 coupler.



**Important features**

**Speech Guard E**

Adaptive compression system

**Binaural Synchronization**

Automatic features

**Tri Mode**

Automatic directionality

**SmartFit Trainer™**

Correct earmold insertion indicator

**Free Focus**

Directionality microphone modes

**Adaptive Directionality**

Up to four noise sources

**Noise Management**

Automatics

**Bandwidth\***

Fitting bandwidth

**Speech Rescue™**

Frequency composition

**Inium Sense feedback shield<sup>SP</sup>**

Anti-feedback system

**Bimodal fitting protocol**

Improving SP and CI fittings

**EasyRECD™**

Real ear acoustics

**VoicePriority™**

Adaptive FM strategy

**Status indicator**

LED status indicator

**ConnectLine**

Wireless connectivity

**Sensei Pro**

•
•
•
•
Premium
Multiband
TriState
10 kHz
N/A
• (Inium feedback shield)
N/A
•
•
•
•
•

**Sensei**

Essential
Singleband
TriState
10 kHz
N/A
• (Inium feedback shield)
N/A
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**Sensei SP Pro**

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Premium
Multiband
TriState
6.5 kHz
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**Sensei SP**

Essential
Singleband
TriState
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## Power your senses

Oticon Sensei Super Power offers great opportunities to fit more children with severe to profound hearing losses.

Building on the new Inium Sense platform and BrainHearing technology, Sensei SP offers a unique approach to sound processing. Oticon's innovative frequency lowering technology, Speech Rescue™, works in combination with Oticon's advanced compression system, Speech Guard E, to increase speech understanding.

BENEFITS	HOW
----------	-----

**More speech details than ever before**

Gives the child the audibility to hear high frequency sounds, such as "s" and "th".

Helps the child to perceive speech more clearly and supports the child's brain in making sense of speech sounds.

Highly efficient feedback management system specifically adapted to super power output levels to prevent feedback.

Bimodal balance for optimized sound and music experience with both acoustic and electric sound.

Ensures correct earmold insertion.

Fast and easy to perform RECD.

Adjusts the FM signal at ear-level.

**Combines BrainHearing™ technology with a small, robust super power design.**

**Speech Rescue™** lowers the high frequencies to ensure full access to inaudible sounds.

**Speech Guard E's** superior adaptive compression preserves the important speech details.

**Inium Sense feedback shield<sup>SP</sup>** detects, prevents and eliminates feedback more efficiently if it is about to occur.

**Bimodal fitting protocol** benefits the child with the best possible acoustic settings to balance with cochlear implant mapping when fitting an implanted child.

**SmartFit™ Trainer** helps parents know when earmolds are inserted properly

**EasyRECD™** tool is a fast and easy way to include ear acoustics.

**VoicePriority i™** ensures that the child's FM gain is adjusted to their individual needs.



## Oticon Amigo transmitter options

### FM solutions made easier

Oticon Amigo sends sound signals directly to the child's ears for better understanding in noisy situations.

Oticon's Amigo FM system consists of three components: a microphone, transmitter and receiver. The microphone picks up the wearer's voice, and the transmitter sends it directly to the listener's receiver for amplification in their hearing aids. With direct access to the speech signal, children can use their energy not just for trying to hear, but for understanding what is actually being said.



T30

**Amigo T30 is a very user-friendly and highly reliable solution offering:**

- ▶ Full programming and fitting capabilities
- ▶ Multiple microphone options and wearing options
- ▶ Broad 8.5 KHz bandwidth
- ▶ Built-in LED status indicator
- ▶ Easy navigation pads
- ▶ High resolution LCD display
- ▶ Rechargeable NiMH or std AA alkaline battery
- ▶ Compatible with other non-Amigo FM receivers



T31

Same function as T30 but also features built-in Team Teaching, to support natural interaction by sending the voices of both teachers directly to the child's FM receivers.



T5

**Amigo T5 represents the most cost-effective body-worn FM transmitter solution in the Amigo family, featuring:**

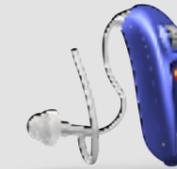
- ▶ Simple user interface and clear controls
- ▶ Multiple microphone options
- ▶ Mute button
- ▶ LED status indicator
- ▶ Channel display
- ▶ Rechargeable NiMH or std AAA alkaline batteries

Where Amigo makes a difference:

- ▶ Gives even the best hearing aids an extra FM boost in loud environments
- ▶ Amigo T30/T31 classroom transmitters are easy to use and highly reliable
- ▶ Hearing the teacher in a noisy classroom
- ▶ Following instructions during sports/leisure activities
- ▶ Watching TV at a normal volume with the family
- ▶ Easy and discreet FM access via Streamer Pro
- ▶ FM systems used in the classroom have been found to reduce listening effort
- ▶ Handheld wireless Amigo programmer



### Amigo Star



The Amigo Star is our ear-level FM receiver for normal hearing children with listening difficulties. This FM receiver is comfortable, easy to handle and reliable.

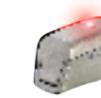
Amigo Star is designed to be used with the Oticon Amigo T30/T31 transmitter or T5 transmitter. However, it can receive FM input from virtually any transmitter. The system gives access to the teacher's voice by overcoming the distance and increasing the signal-to-noise ratio in the child's ear. Amigo Star has the ability to help children conserve some of their resources to concentrate on what matters most: their learning.



## Oticon Amigo receiver options

Oticon's wide range of connectivity possibilities – your freedom to mix and match

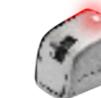
Amigo delivers what is crucial for children with hearing loss for their language development, learning and socializing: the best possible speech intelligibility in difficult listening situations.



Amigo R12

Dedicated receiver for most Oticon BTE styles except miniRITE. Push button for on/off and channel seek/change

17 colors



Amigo R2

Universal 3-pin euro connector for virtually all BTE hearing aids and Streamer Pro. Features a unique push button for channel seek/change. Couples with Oticon FM9 audio shoe/adaptor for virtually all FM-compatible Oticon BTEs and RITEs.

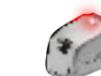
Silver



Amigo R2 BA

Universal receiver for Oticon Medical "Ponto" bone-anchored sound processors. Offers the same functionality as the Amigo R2

Silver



Amigo R7

Dedicated receiver for Sumo BTE styles. Offers the same functionality as the Amigo R2

Silver



Amigo R5

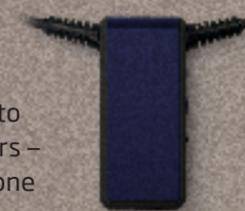
Cost-effective body-worn FM receiver offering multiple coupling options: headphones, Direct Audio Input, neckloop and CI connection, making it suitable for a wide range of applications including CI and bone-anchored devices. Non-occluding headphones are available for adults and children with minimal hearing losses and auditory processing disorders. Includes tamper-resistant volume and channel control.

Silver

All receivers feature: Multi-channel, Wireless programming, Wireless synchronization, LED indicator, Channel seek function & Program switch

### Amigo Arc

Amigo Arc makes an attractive alternative to body-worn FM receivers – something that everyone will appreciate.



Amigo Arc can be worn around the neck, like an mp3 player, or hidden away under a shirt. Amigo Arc can be used with instruments with a telecoil, e.g. BTE, RITE, ITE, Cochlear Implants and Bone Anchored hearing solutions and with headphones for people with CAPD. Amigo Arc also works with all Amigo transmitters plus most other brands of FM transmitters.

#### Features

- Disabling options for volume and channel controls
- Long battery life
- Colorful shells for personalization
- LED lights to indicate battery and FM function

#### Colors



# 2.4 GHz wireless direct streaming

## Oticon Opn connects to the things they love



Teens love their friends and their screens, spending up to 11 hours a day glued to their devices to stay connected with their friends, and increasingly for use in school settings as well. Oticon Opn allows teenagers to easily connect with these devices in crisp stereo sound.

**In some respects, Opn is less of a hearing aid and more a piece of advanced wearable technology.** One that makes it easy to connect, even in increasingly wireless school settings with direct streaming from your device.

**Made for iPhone® and iPad®**  
Oticon Opn is a Made for iPhone hearing aid, making it simple to connect with the iPhone, iPad, and iPod touch® and transform into superior quality headphones for listening to music, listening to audiobooks, watching YouTube®, talking to friends, and more.

**Music and entertainment**  
Via 2.4 GHz direct streaming, teens can connect with devices such as laptops (requires a dongle), TVs (requires TV Adaptor 3.0), and other entertainment devices.

**Oticon ON App**  
The Oticon ON App is available for iPhone and Android™ devices, letting teens discreetly control their hearing aids by adjusting the volume and sound inputs, and changing between programs with the tap of a finger.\*



## IFTTT

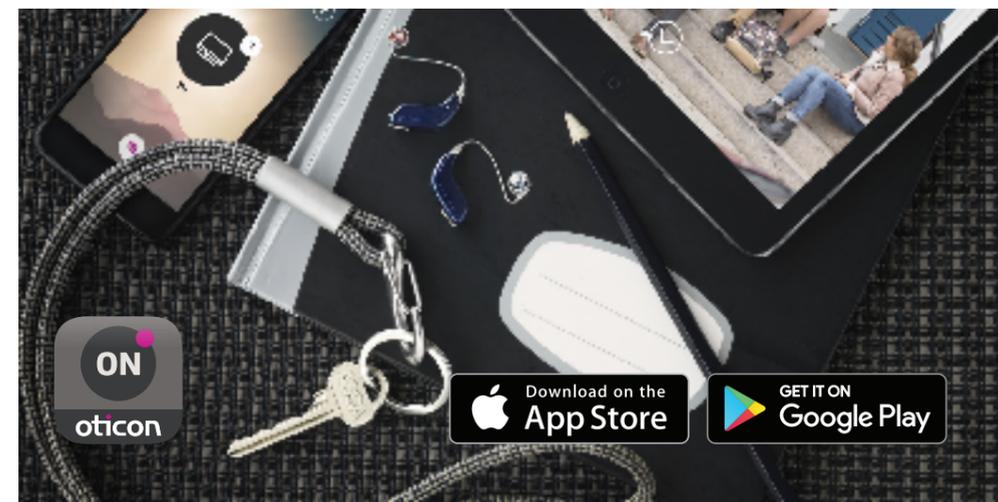
\* Oticon invites all Opn users to go to [oticon.com](http://oticon.com) to explore the endless possibilities available when connecting Oticon Opn. Some functionalities require the ConnectClip. For more information, please see the Oticon Opn Product Guide or visit [oticon.com/opn](http://oticon.com/opn).

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**Internet of Things and IFTTT**  
Oticon Opn is the world's first Internet-connected hearing aid. If This Then That (IFTTT.com) is an Internet-based service that lets teens use Opn in a variety of creative ways, from receiving a notification when their battery is low, to being pinged when they get a text, and more.\*

**Ready for what's next**  
With its fast wireless 2.4 GHz and internet connectivity, Opn is ready for whatever technologies the future might bring – from other smart alerts to virtual reality, and advances we cannot yet imagine.

For information on compatibility, please visit [www.oticon.com/connectivity](http://www.oticon.com/connectivity).



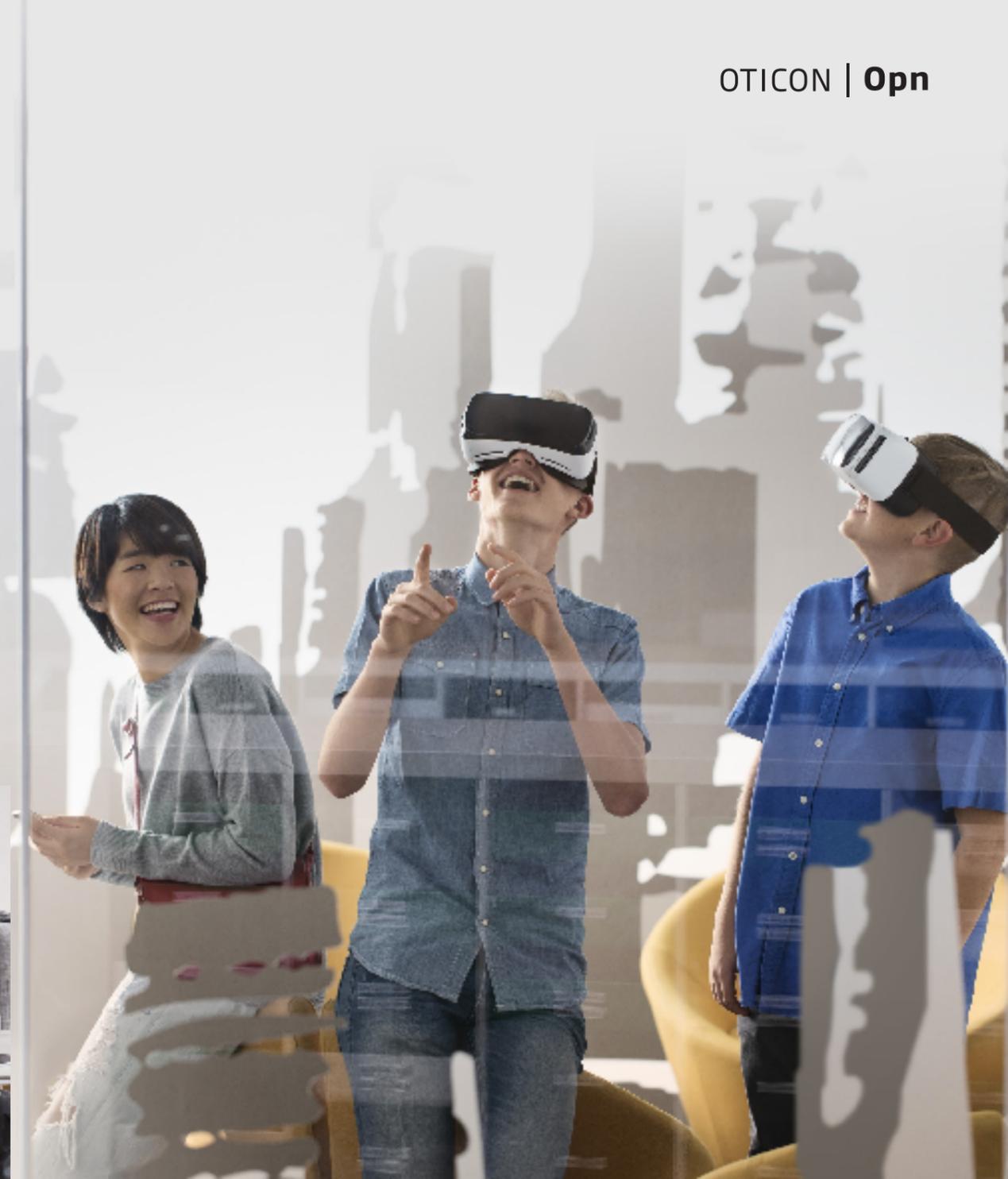
## Oticon ConnectClip



**Making one-to-one communication easier**  
With Oticon ConnectClip, tweens and teens can hear more of what's happening around them – even in noisy situations like shopping at the mall, listening at a distance in the classroom or trying to hear the coach on the football field.

**Clarity in the classroom**  
Students can hear their teacher's voice loud and clear right in their Oticon Opn hearing aids by simply attaching Oticon ConnectClip to the instructor's shirt. No need to sit in the front row, lip read, or worry about looking away to take notes – the student can hear what's going on around them in the classroom.

**Compatible with thousands of devices**  
Even teens who don't have an iPhone can now turn their Opn hearing aids into a headset to stream calls, music and movies from any other Bluetooth-enabled device by pairing it with Oticon ConnectClip.



# Help connect to today's technology with Sensei

## Empowering children to interact, play and learn



### One complete, integrated system

We have an obligation to help hearing impaired children of all ages to navigate in our tech-heavy world. ConnectLine is the one solution that offers the most connectivity opportunities in one system.

### Easy to use

Easy and intuitive to use, ConnectLine ensures straightforward operation and can be tailored to meet children's individual needs.

### Maximizes the benefits of hearing aids

ConnectLine's wireless technology works seamlessly with Oticon Sensei hearing aids to enhance positive listening and communication experiences, such as streaming conversation from mobile or landline phones, enjoying one-on-one communication, watching TV, listening to music, video chatting, and more.

### Based on experience

Oticon is a first mover in connectivity solutions. Benefitting from "real world" user experiences, this is the second generation of the innovative ConnectLine system introduced five years ago.

### Easy connection to FM

By allowing universal FM receivers to be attached to the Streamer Pro, students who depend on FM can experience the benefits of discreet hearing aids and FM, without the use of ear level receivers.



## Take control with iPhone or Android smartphone

The Oticon ConnectLine App for iPhone®, iPad®, iPod touch® and Android™ smartphones and tablets puts all the benefits of our powerful ConnectLine system in the palm of the child's hands. With a few swipes and taps, they can adjust volume levels, switch between programs, fine-tune individual settings and much more.

The Oticon ConnectLine App provides an easy and cool way to manage hearing aids via the Streamer Pro. With the Oticon ConnectLine App the older child can control a wide range of communication and media devices while the Streamer remains discreetly tucked away out of sight.

Available for free on App Store and on Google Play™



For more information and details on compatibility, please visit [www.oticon.com/solutions/for-children/connectline-children](http://www.oticon.com/solutions/for-children/connectline-children)

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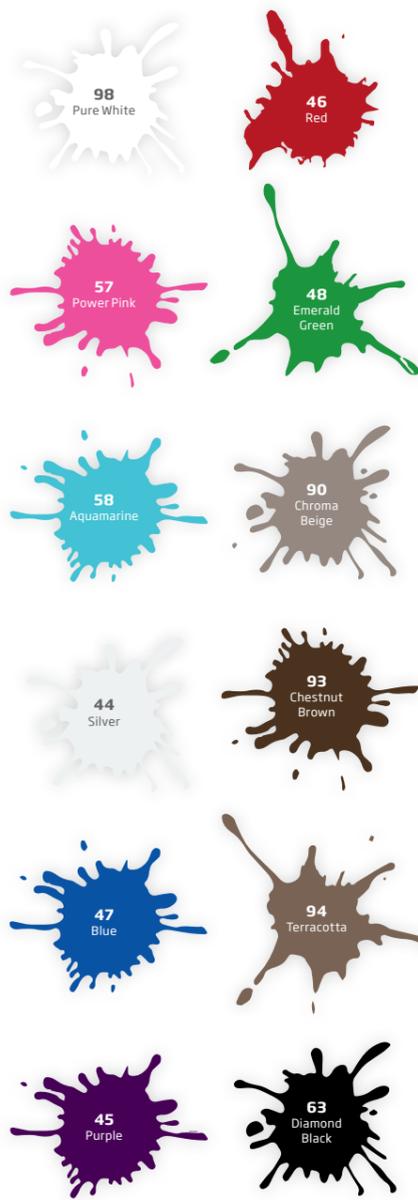
## Discretion and convenience with Oticon Remote Control 2.0

The Remote Control can be used to adjust the volume of the hearing aids and to switch between programs for a more pleasant listening experience. Empower the child by giving them the ability to take control of their hearing aids. The Remote Control can be used with all wireless Oticon aids.



# Oticon Sensei - Style overview

## Sensei & Sensei SP colors



## Sensei family



## miniBTE Stickers (shown at 50% of size)



## SenseiSP Stickers (shown at 50% of size)



## Ultra Power Sumo DM



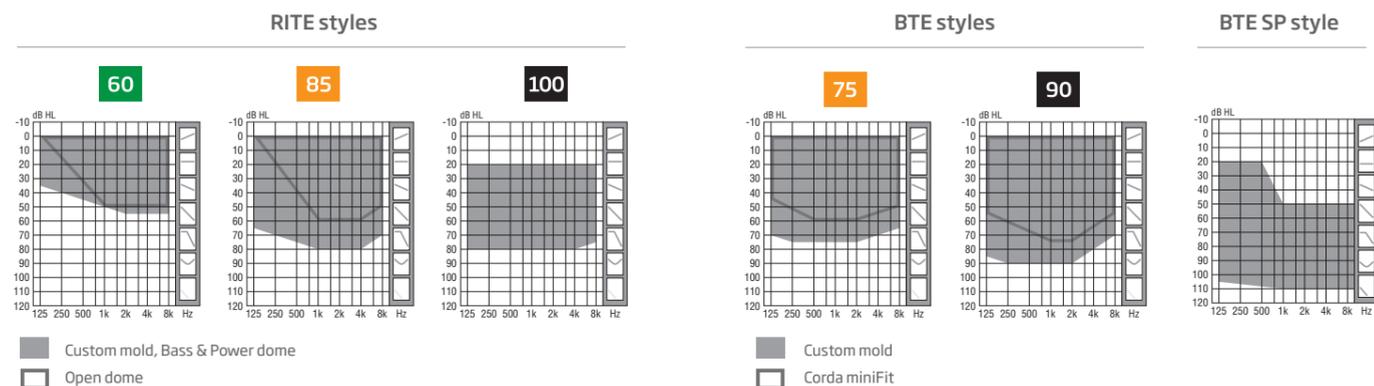
All families have:  
 - 4 programs  
 - Memory (datalogging)  
 - Autophone option

All families are Fitting Link enabled

## FM compatibility:

All Sensei and Sensei SP models are fully FM compatible using any of the following: FM 9 audio shoe & Amigo R2 universal FM receiver or other universal receiver; R12 dedicated receiver; Streamer Pro & Amigo R2 or other manufacturer universal receiver. Oticon FM access adhere to FM guidelines.

## Sensei family



## Style overview

	Sensei			Sensei SP		Sumo	
	RITE	BTE312	BTE13	Super Power	Ultra Power		
	60	85	100	75	90		
Battery size	312	312	312	312	13	13	675
Fitting Range	0-55	0-80	20-80	0-75	0-90	50-110	50-120
OSPL90 (peak)							
2cc coupler	105	118	124	117	126	139	140
711 Ear simulator	115	127	132	126	135	143	144
Full-on gain (peak)							
2cc coupler	35	55	57	51	60	78	82
711 Ear simulator	46	65	66	61	68	82	85

Pediatrics

Ultra Power





# child friendly hearing care

Our pediatric audiological mission is to ensure a better future for every child with hearing loss. We will deliver solutions, tools and techniques that optimize auditory and cognitive habilitation, embrace the complexities of growing up with hearing loss, and empower you to adapt solutions to each child's developmental stage on their journey towards adulthood.

**Oticon, Inc.**

580 Howard Avenue  
Somerset, NJ



[www.oticon.com](http://www.oticon.com)

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PEDIATRICS