

OTICON | Opn

Open up to the world



**A new paradigm
for teens**



oticon
PEOPLE FIRST

Oticon Opn™

Giving teens the confidence to be themselves



If you want a teenager to wear hearing aids everywhere, they have to be sophisticated enough to deliver what they want.

A teen's world is full of challenging sound environments, fast-moving conversations, and peer dynamics that can lead to poor decisions about when to wear their hearing aids. An Oticon survey among audiologists showed that getting teens to consistently wear their hearing aids ranks as their number one challenge.*

But what if there was a hearing aid that teens would want to wear, because it performs to their needs in everyday situations?

With its confidence-inspiring features, lightning-fast connectivity, and discreet profile, Oticon Opn delivers the performance and capabilities that teens want.

* Internal study involving 94 audiologists, December 2016.

Opn gives teenagers...

Confidence to participate in the conversation, because their hearing aid is fast and dynamic enough to keep up with their friends.

Connectivity to their favourite devices in ways that make talking on the phone, listening to Spotify®, or surfing YouTube® effortless.

Cosmetics, with its small size and a variety of hair-toned colours that allow teens to wear their devices discreetly.

Open up the world for teens

New open sound experience

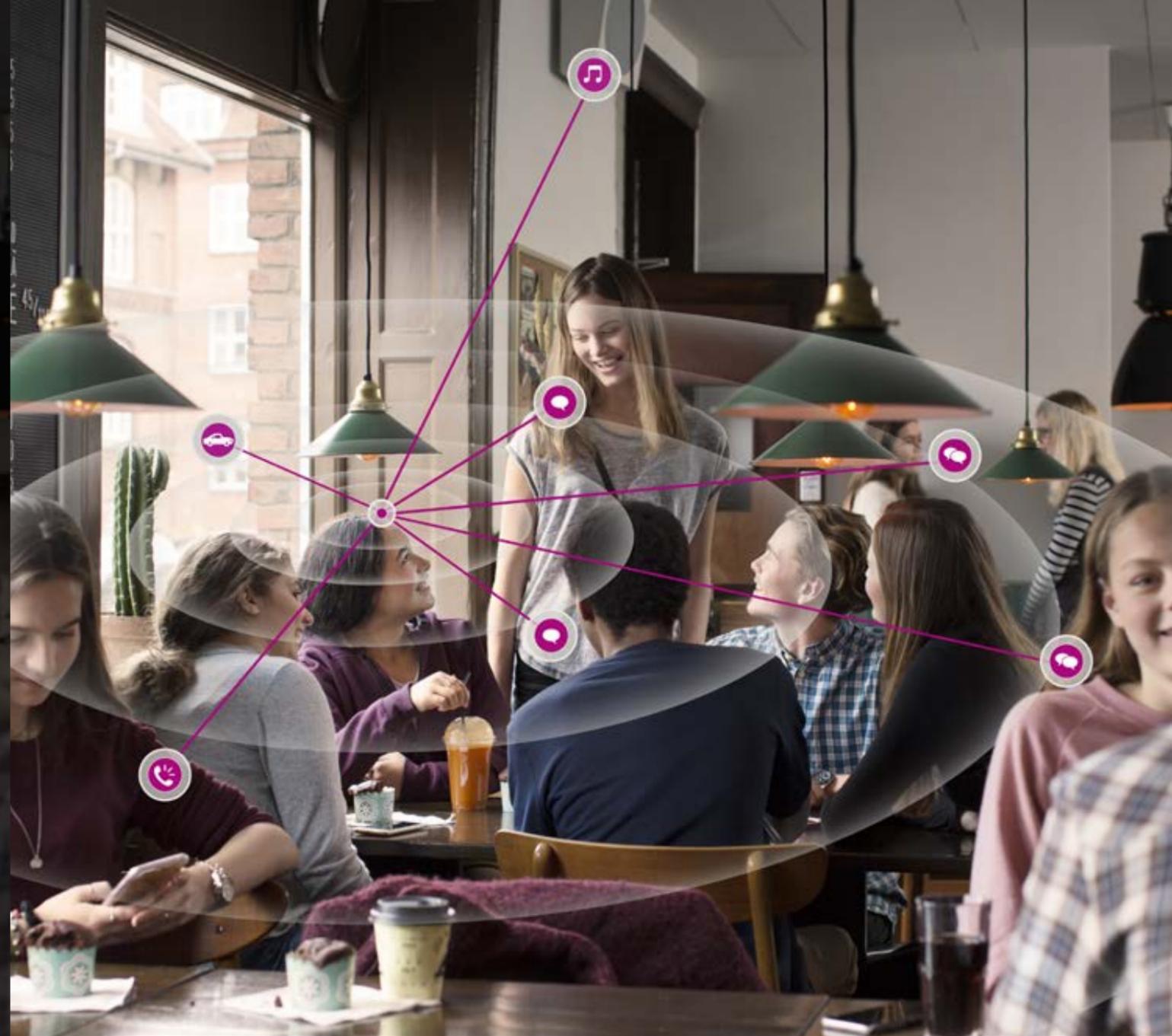


The Old World

Focused on one speaker while suppressing all other sounds

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.



The New World

Opens up their soundscape and gives access to multiple speakers

Built on the new ultra-fast Velox platform*, Oticon Opn is fast and precise enough to analyse 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, analyses over 100 times per second.

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 centre 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.

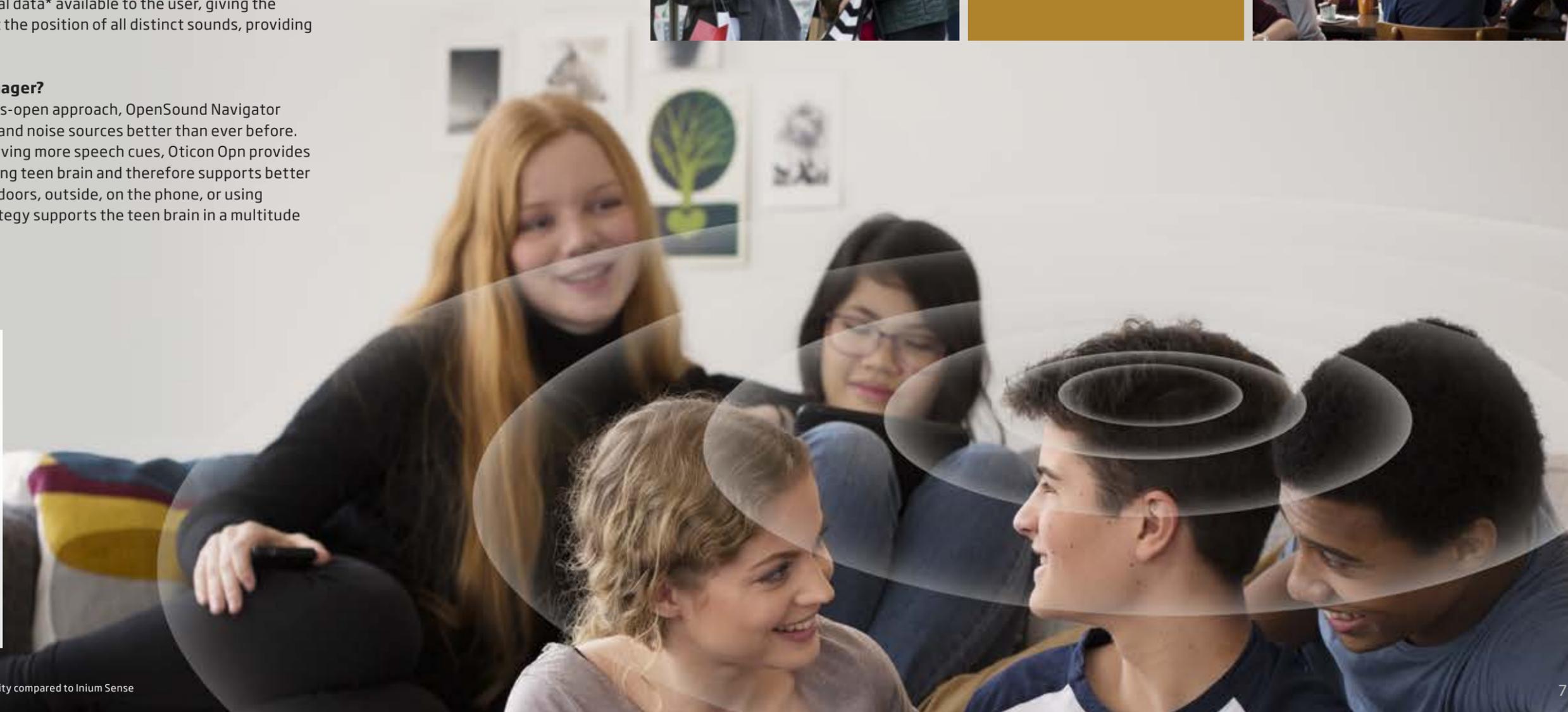
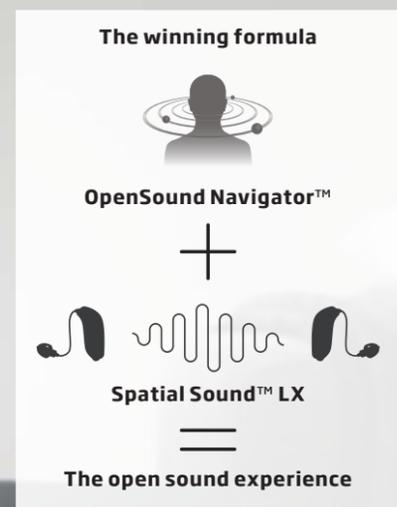
Spatial Sound™ LX uses Oticon's exclusive TwinLink™ technology to more than double the amount of binaural data* available to the user, giving the brain the cues it needs to pinpoint the position of all distinct sounds, providing precise localisation in 360°.

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.



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



2.4 GHz wireless direct streaming

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 with devices, even in increasingly wireless school settings with direct streaming from iPads®.

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, all without a streaming gateway.*

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.*

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.



IFTTT

* Oticon invites all Opn users to go to oticon.com to explore the endless possibilities available when connecting Oticon Opn. Some functionalities require the ConnectClip, which will be available during the second half of 2017. For more information, please see the Oticon Opn Product Guide or visit oticon.com/opn.

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Made for
iPod iPhone iPad

Blend in or stand out...

The choice is theirs

With a number of colours and styles, Opn lets teens decide if they want their devices to blend in or to stand out. Whatever they choose, Opn offers attractive styling and a comfortable fit.

Blend in

Many teens prefer to keep their hearing aids tucked out of view. With its small design, open fit, and hair-toned colour options, Opn can be very difficult to detect.

Stand out

Some teens wear their devices as a badge of honour. Bright and metallic colour options also give teens the ability to make Opn a bold part of their look.

Discreet adjustments

The Oticon ON App lets teens control their hearing aids from their phones, not their hands, allowing them to adjust their devices without drawing attention to them.

When teens feel good about how they look, they feel good about themselves.



It's time to have an open conversation

Hearing aids teen clients want to hear about

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.

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 138 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.

The exclusive open sound experience of Oticon Opn combines unique technologies to give teens the power to hear in 360° and the confidence to be themselves just about anywhere life may take them.



You want

To fit a hearing aid teens will want to wear

- A hearing aid that performs for teens
- A hearing aid that is easy to fit
- A hearing aid that supports their developing mind

Teens want

To not miss out

- Confidence to be themselves
- Connectivity to their favourite devices
- Cosmetics that let them blend in

Opn delivers

- Adherence to AAA paediatric guidelines
- DSL fitting rationale
- Fast technology and unique features that can keep up with complex listening environments
- Many ways to easily connect, control, and customise
- Discreet design that matches hair colour and offers hands-free control
- BrainHearing™ support for better sound stimulation



The highlights of Oticon Opn

Regardless of user age and lifestyle, Oticon always recommends Opn 1 for maximum support across different listening environments.

Product	Open access to all speakers	Rapid noise reduction	Localisation of sounds	Speech clarity	A personalised listening experience
Oticon Opn 1	Yes	● ● ●	● ● ●	● ● ●	● ● ●
Oticon Opn 2	Yes	● ●	● ●	● ●	● ●
Oticon Opn 3	Yes	●	●	●	●

<ul style="list-style-type: none"> • OpenSound Navigator • Spatial Sound LX 	<ul style="list-style-type: none"> • OpenSound Navigator • Frequency bands 	<ul style="list-style-type: none"> • Speech Guard LX • Spatial Sound LX • Clear Dynamics • Bandwidth 	<ul style="list-style-type: none"> • OpenSound Navigator • Speech Guard LX • Clear Dynamics • Bandwidth • Frequency bands 	<ul style="list-style-type: none"> • Fitting bands • YouMatic LX • Soft Speech Booster LX
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DSL 5.0 - Easily fit to target on teen clients*

Validated fitting rationale now available in all Opn hearing aids.

OpenSound Navigator™ - Lets me hear my soundscape in 360°

Better hearing and less listening effort supports retention.

Spatial Sound™ LX - Helps me better identify where sounds are coming from

Locate, follow and shift focus to the most interesting sounds.

YouMatic™ LX - Easily tailor the sound to my preferences

Tailors OpenSound Navigator to individual needs and preferences.

Speech Guard™ LX - Gives me access to more speech details

Improves speech understanding in noisy environments, making it easier to follow and engage in conversations.

Speech Rescue™ LX - Lets me hear more speech sounds like 's' and 'sh'

Makes high frequency sounds more audible.

Soft Speech Booster LX - Increases my access to soft sounds**

Improves soft speech understanding without turning up the volume.

Clear Dynamics - Supports better hearing in dynamic situations, like concerts and movies

Better sound quality with less distortion in loud environments.

Wind Noise Management - Helps me hear better in windy situations

Suppresses wind noise to make speech easier to understand.

Feedback shield LX - Helps me get rid of annoying whistling and squealing

A new dual-microphone system eliminates feedback rapidly and effectively.

Telecoil connectivity - Offers me discreet FM access

Connectivity opportunity via neckloop receivers like Amigo Arc.

TwinLink™ - Gives me truly advanced wireless technology

The world's first dual radio system provides a flexible communication system.

Made for iPhone® hearing aid - Connects me to my iPhone® and iPad®

2.4 GHz direct streaming also available from iPod® Touch, TVs, radios, laptops and more.

The world's first Internet-connected hearing aid - Opens a world of possibilities

Using the If This Then That (IFTTT.com) protocol, users can interact with other Internet-connected devices and services.



Powered by the Velox™ platform

Fast and precise enough to support the brain in making sense of sound.



* Oticon Opn with the DSL rationale is intended for teens and young adults. Opn is not intended for use with young children. It fulfils the necessary criteria relating to audiological candidacy, routing of signal, signalling processing and features, and hearing aid fitting and verification (AAA Paediatric Guidelines 2013).

** Only available with use of VAC+ fitting rationale.



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