Oticon opens up a world of power

Redefining child-friendly hearing care

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Better hearing starts with the brain

Oticon Xceed Play builds on the Oticon philosophy

BrainHearing supports the natural way children's brains process sounds

More access to speech for better language development

OTICON | **Xceed Play**

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The world’s most powerful paediatric hearing aid

Velox S™ fuels Oticon Xceed Play with unprecedented power

Oticon BrainHearing™ Technology

Powered by Velox™ S

- Industry leading gain and output
- 360° access to speech all day
- Speech enhancement features
- Excellent sound quality with 48 processing channels
- TwinLink™ wireless connectivity

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Facts about children and listening…

Children live and learn **in noisy environments**

Children **do not always look at the talker** when they listen*

Children rely on overhearing for **incidental learning**

*Ricketts & Galster, 2008

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Open sound experience
for paediatric power users

OpenSound Navigator™

OpenSound Optimizer™

OpenSound Navigator

OpenSound Navigator

OpenSound Optimizer

Traditional technology: Omni-dir

Traditional technology: Directionality

Grondbreaking technology

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OpenSound Optimizer

OpenSound Navigator

OpenSound Optimizer

OpenSound Optimizer

From **feedback management** to **feedback prevention**

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OpenSound Optimizer

Delivers gain and prevents feedback from happening

Traditional hearing aids – examples

* Callaway 2019, Oticon Whitepaper

** Ng & Rumley 2019. Oticon Whitepaper

OpenSound Optimizer

Delivers gain and prevents feedback from happening

Oticon Xceed Play – examples

* Callaway 2019, Oticon Whitepaper

** Ng & Rumley 2019. Oticon Whitepaper

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Up to 20% more speech cues

Due to OpenSound Optimizer™

- Achieve optimal fitting
- Extra gain avail between 1-6 kHz
- “Eases’ earmold concerns, for more comfort

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Language outcomes in young children with mild to severe hearing loss

Longitudinal study, 290 CHL and 112 CNH, ages 2-6
How aided hearing influences language growth
Timing of HA fitting and affect on language growth

Tomblin, J. B., Harrison, M., Ambrose, S. E., Walker, E. A., Oleson, J. J., & Moeller, M. P. (2015). Language outcomes in young children with mild to severe hearing loss. *Ear and Hearing*, *36*, 76S-91S.

Language scores based on severity of hearing loss

Ages 2-6 compared to CNH

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Effect of optimal gain on language development

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Predicted language scores based on age at HA fitting

Fig. 5

Average predicted language scores based on mixed model across the ages of 2 to 6 years for children receiving hearing aids at 0–6, 6–12, 12–18, and over 18 months.

Source

Language Outcomes in Young Children with Mild to Severe Hearing Loss

Ear and Hearing36:76S-91S, November/December 2015.

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Up to 20% more speech cues to the brain

It’s a **BIG DEAL** for children developing receptive and expressive language!

Connect wirelessly to the world

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Let children connect easily to the world around them

Extensive range

- TV
- Oticon ON App
- ConnectClip
- Music
- Computer
- Landline phone
- Internet connectivity
- Remote Control

Empowering teens with OpenSound Booster

Triggers extra on-demand support when the teenager feels he or she needs it the most

Oticon Xceed Play

Classroom solutions

ConnectClip
– remote microphone

Amigo R12G2
– ear-level FM receiver

Download on the App Store

GET IT ON Google Play

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Classroom solutions

Amigo R12G2
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Hardware highlights

- 12 child-friendly colours
- Two price points
  - Oticon Xceed Play 1
  - Oticon Xceed Play 2
- Tamper-resistant option
- FM Compatible
- IP68-certified
- LED indicator

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Main features

Speech Guard™ LX

OpenSound Optimizer™

TwinLink

OpenSound Navigator™

Speech Rescue™ LX

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Oticon Xceed Play

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Speech Rescue LX

- Helping children hear high frequency sounds

Speech Rescue LX benefits

Why should this feature be used?

- Audibility to hear more speech details
- Copy and keep method – nothing is removed
- No interference with frequencies below 1600 Hz
- Utilises the natural occurring available spaces in speech
- Delivers on our BrainHearing philosophy

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Oticon Xceed Play BTE Super Power

*Optional

Oticon Xceed Play BTE Ultra Power

*Optional

Free of allergens

Meeting international standards on biocompatibility

- Oticon Xceed Play is hypoallergenic
- IP68 rated
- We exclude more than 200 potential harmful substances, such as
  - Phthalates
  - Latex
  - Nickel

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Feature overview: **Oticon Xceed Play**

		Oticon Xceed Play 1	Oticon Xceed Play 2
Speech Understanding	OpenSound Navigator™	Level 1	Level 2
	- Balancing power effect	100%	50%
	- Max. noise removal	9 dB	5 dB
	OpenSound Optimizer™	•	•
	OpenSound Booster™	•	•
	Speech Guard™ LX	Level 1	Level 3
	Speech Rescue™ LX	•	•
Sound Quality	Clear Dynamics	•	-
	Spatial Noise Management	•	-
	Processing Channels	64	48
	Bass Boost (streaming)	•	•
Listening Comfort	Transient Noise Management	4 configurations	3 configurations
	Feedback shield LX	•	•
	Wind Noise Management	•	•
Personalisation & Optimising Fitting	YouMatic™ LX	3 configurations	2 configuration
	Fitting Bands	14	12
	REM AutoFit	Verifit®*LINK*, IMC 2	Verifit®*LINK*, IMC 2
	Paediatric Fitting Mode	•	•
	DSL Fitting Ranges	•	•
	VC range and step size	•	•
	Fitting Formulas	DSL v5.0, NAL-NL1+2, DSE, VAC+	DSL v5.0, NAL-NL1+2, DSE, VAC+

Same feature settings as Opn Play 1

Same feature settings as Opn Play 2 except for OSN

Features

Oticon Xceed

- OpenSound Navigator™
- OpenSound Optimizer™
- Speech Guard™ LX
- Speech Rescue™ LX
- Wind Noise Management
- Clear Dynamics
- YouMatic™ LX
- Tinnitus SoundSupport™

Oticon Xceed Play

- OpenSound Navigator™
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- Wind Noise Management
- Clear Dynamics
- YouMatic™ LX

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Bimodal fitting

Perceptual advantage given by additional acoustic cues from HA

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Oticon Xceed & Xceed Play: fitting ranges

Hook undamped

Bandwidth: 6500 Hz

Hook undamped

Bandwidth: 5700 Hz

Dynamic Speech Enhancement for maximum audibility

Default for adult fittings

Takes the special need of power users into account

Prescribes more linear gain

DSL 5.0 is the default for Xceed Play

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Industry leading output and gain

146 dB SPL MPO and 87 dB full-on gain – SP: 143/83

Standard tube, undamped hook
Standard tube, damped hook

This is Oticon power

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Oticon’s complete Paediatric portfolio

Oticon Xceed Play joins a high quality lineup

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Thank you