OTICON | **Opn Play**

Technical data sheet

BTE PP

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		Oticon Opn Play 1	Oticon Opn Play 2
Speech Understanding	OpenSound Navigator™	Level 1	Level 3
	- Balancing power effect	100%	50%
	- Max. noise removal	9 dB	3 dB
	OpenSound Optimizer™	•	•
	Speech Guard™ LX	Level 1	Level 3
	Spatial Sound™ LX	4 estimators	2 estimators
	Speech Rescue™ LX	•	•
Sound Quality	Clear Dynamics	•	-
	Spatial Noise Management	•	-
	Fitting Bandwidth*	10 KHz	8 KHz
	Processing Channels	64	48
	Bass Boost (streaming)	•	•
Listening Comfort	Transient Noise Management	4 configurations	On/Off
	Feedback shield LX	•	•
	Wind Noise Management	•	•
Optimizing Fitting	YouMatic™ LX	3 configurations	1 configuration
	Fitting Bands	16	12
	REM AutoFit	Verifit®LINK, IMC 2**	Verifit®LINK, IMC 2**
	Pediatric Fitting Mode	•	•
	DSL Fitting Range ***	•	•
	Fitting Formulas	DSL v5.0, NAL-NL1 + 2, VAC+	DSL v5.0, NAL-NL1 + 2, VAC+
Designed for children	LED	•	•
	Tamper Resistant Battery Drawer	•	•
	Hypo Allergenic	•	•
	IP Rating	IP68	IP68
	Nano Coating	•	•
	Colour Options	12	12
	Integrated 2.4 GHz Receiver	•	•
	DAI/FM Compatibility	•	•

* Bandwidth accessible for gain adjustments during fitting
** Inter Module Communication 2
*** Available in this Technical Data sheet and Opn Play Product Guide

Operating conditions
Temperature: +1°C to +40°C
Relative humidity: 5% to 93%, non-condensing

Storage and transportation conditions
Temperature and humidity should not exceed the following limits for extended periods during transportation and storage.
Temperature: -25°C to +60°C
Relative humidity: 5% to 93%, non-condensing

Oticon Opn Play™ BTE PP has a perfect balance of size, ease of use and power. It's an all-round pediatric instrument that will accommodate the needs of most children – covering hearing losses from mild to severe.

OpenSound Navigator™ gives children 360° access to the full soundscape across simple and complex listening environments, constantly maximizing learning opportunities.

OpenSound Optimizer™ proactively identifies and prevents feedback before it occurs, preserving audibility and increasing fitting flexibility.

TwinLink™ wireless technology combines binaural communication and 2.4 GHz connectivity with stereo streaming directly from digital devices.

Oticon Opn Play is powered by Oticon's Velox S™ platform which offers market leading speed and resolution and takes pediatric hearing care to a new level.

Oticon BrainHearing™ Technology Powered by Velox S™

TwinLink NFMI + 2.4 GHz

Made for iPhone | iPad | iPod

IP68

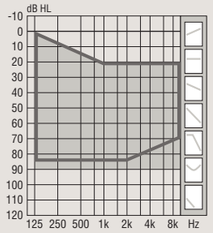
For information on compatibility, please visit www.oticon.ca/connectivity

oticon PEOPLE FIRST

Oticon Opn Play 1

BTE PP

Technical data



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DSL Fitting Range

Hook

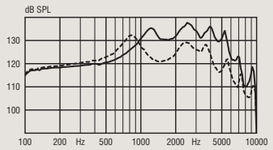
Corda miniFit

Technical information
Omnidirectional mode is used unless otherwise stated.

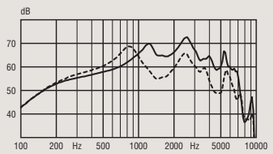
Instrument warning
The maximum output capability of the hearing instrument may exceed 132 dB SPL (IEC 711). Special care should be exercised in selecting and fitting the instrument as there may be risk of impairing the remaining hearing of the hearing aid user.

Ear Simulator
Measured according to IEC 60118-0:1983/AMD1:1994, IEC 60118-0:2015, IEC 60118-1:1995+AMD1:1998 CSV and IEC 60318-4:2010

OSPL90

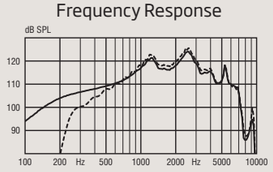


Full-on Gain



Standard tube
Thin tube (size 1/1.3)

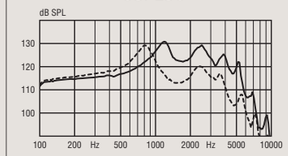
Frequency Response



Acoustic input: 60 dB SPL
Magnetic input: 31.6 mA/m

2CC Coupler
Measured according to ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006

OSPL90



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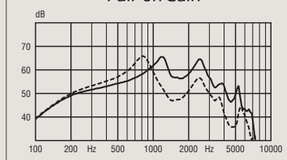

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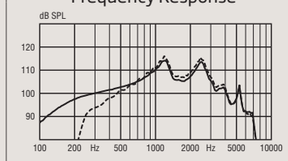


Acoustic input: 60 dB SPL
Magnetic input: 31.6 mA/m

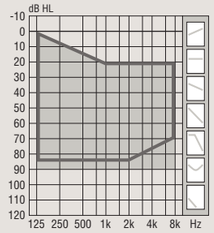
		Ear Simulator	2CC Coupler
OSPL90	Peak	138 (132[1]) dB SPL	131 (129[1]) dB SPL
	1600 Hz	130 (121[1]) dB SPL	123 (113[1]) dB SPL
	HFA-OSPL90	133 (126[1]) dB SPL	126 (118[1]) dB SPL
Full-on gain[2]	Peak	73 (69[1]) dB	66 (66[1]) dB
	1600 Hz	65 (56[1]) dB	57 (47[1]) dB
	HFA-FOG	68 (62[1]) dB	61 (54[1]) dB
Reference test gain		57 dB	50 dB
Frequency range		150-7300 Hz	120-7000 Hz
Telecoil output (1600 Hz)	1 mA/m field	97 dB SPL	-
	10 mA/m field	117 dB SPL	-
	SPLITS L/R	-	109/109 dB SPL
Total harmonic distortion (Input 70 dB SPL)	500 Hz	7 %	3 %
	800 Hz	5 %	<2 %
	1600 Hz	<2 %	<2 %
Equivalent input noise level	Omni	17 dB SPL	14 dB SPL
	Dir	29 dB SPL	27 dB SPL
Battery consumption[3]	Typical	1.8 mA	1.9 mA
	Quiescent	1.6 mA	1.6 mA
Battery life, artificial measurement, hours[4]		175	160
Expected battery life, hours (battery size 13 - IEC PR48)[5]		80-105	
IRIL (IEC 60118-13:2011)		700/1400/2000 MHz: 18/20/40 dB SPL	

1) For instruments fitted with Corda miniFit Power.
2) Measured with the gain control of the hearing aid set to its full-on position minus 20 dB and with an input SPL of 70 dB. This is to obtain a gain response equal to the full-on gain response from e.g. IEC 60118-0+A1:1994 but without influence of feedback.
3) Battery current is measured according to IEC 60118-0:1983/AMD1:1994 §7.11, IEC 60118-0:2015 §7.7 and ANSI S3.22:2014 §6.13 after a settling time of minimum 3 minutes.
4) Based on the standardized battery consumption measurement (IEC 60118-0:1983/AMD1:1994). The actual battery life depends on battery quality, use pattern, active feature set, hearing loss and sound environment.
5) Real usage battery life is shown as an estimated interval based on mixed use cases with variable amplification settings and variable input levels, incl. direct stereo streaming from a TV (25% of the time) and streaming from a mobile phone (6% of the time).

Oticon Opn Play 2

BTE PP

Technical data



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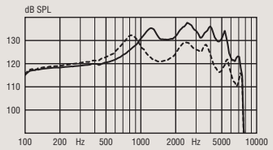

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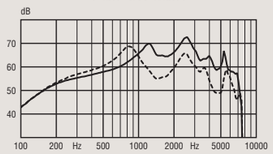

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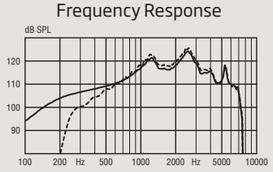

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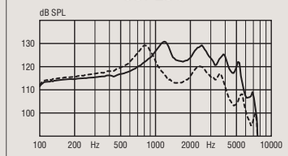

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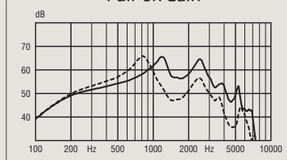

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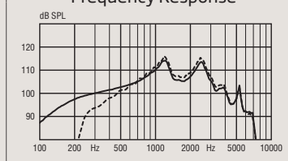

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