OTICON | **Xceed Play**

Technical data sheet

BTE SP

110

		Xceed Play 1	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	48	48
	Bass Boost (streaming)	•	•
Listening Comfort	Transient Noise Management	4 configurations	3 configurations
	Feedback shield LX	•	•
	Wind Noise Management	•	•
Optimising Fitting	YouMatic™ LX, NR levels	3 configurations	2 configurations
	Fitting Bands	14	12
	REM AutoFit	Verifit®*LINK*, IMC2	Verifit®*LINK*, IMC2
	Paediatric Fitting Mode	•	•
	DSL Fitting Range	•	•
	VC range and step size	•	•
	Fitting Formulas	DSL v5.0, NAL-NL1+2, DSE, VAC+	DSL v5.0, NAL-NL1+2, DSE, VAC+
Designed for children	LED	•	•
	Tamper Resistant Battery Drawer	•	•
	Hypo Allergenic	•	•
	IP Rating	IP 68	IP 68
	Nano Coating	•	•
	Colour Options	12	12
	Integrated 2.4 GHz receiver	•	•
	Remote Mic	•	•
	DAI/FM	•	•
	CROS/BiCROS support	•	•
	Bimodal fitting panel	•	•

Oticon Xceed Play BTE SP is a super power hearing aid with a 13 battery. The style has separate push buttons for programs and volume for easy usage and control. It features T-coil, optional LED indications and support for class room systems.

OpenSound Navigator gives paediatric users 360° access to speech by balancing the sound sources and suppressing background noise.

OpenSound Optimizer enhances both listening experience and comfort by blocking feedback and allowing the users to receive prescribed gain.

TwinLink wireless technology combines binaural communication and streaming, and 2.4 GHz connectivity for stereo streaming directly from digital sound sources.

Oticon Xceed Play is built on the Velox S platform using a programmable firmware architecture supporting future performance updates.

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 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.global/compatibility

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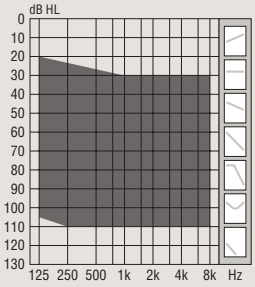
Oticon Xceed Play 1 & 2

BTE SP

Technical data



110

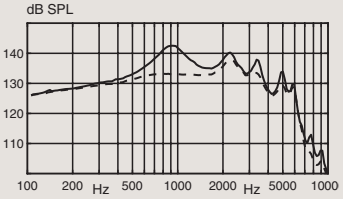
DSL Fitting Range
Hook, undamped

Technical information
Omnidirectional mode is used unless otherwise stated.

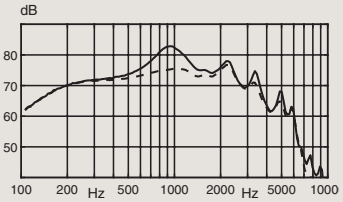
Instrument warning
The maximum output capability of the hearing instrument may exceed 132 dB SPL (IEC 6038-4). Special care should be exercised in selecting and fitting the instrument as there may be risk of impairing the remaining hearing of the hearing aid user.

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

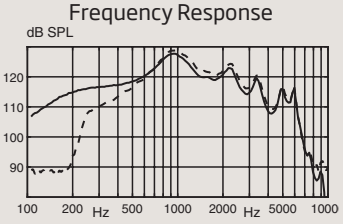


Full-on Gain



Standard tube, undamped hook
Standard tube, damped hook

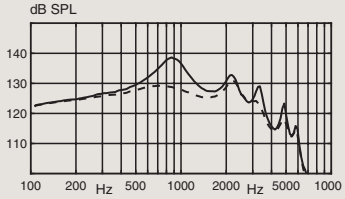
Frequency Response



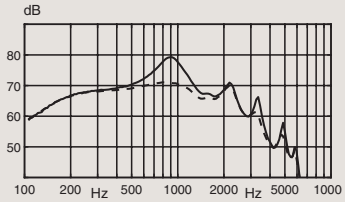
Acoustic input: 60 dB SPL
Magnetic input: 31.6 mA/m

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

OSPL90

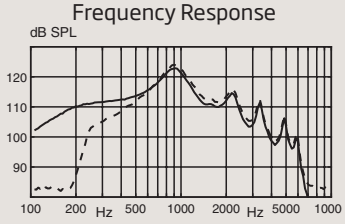


Full-on Gain



Standard tube, undamped hook
Standard tube, damped hook

Frequency Response



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

		Ear Simulator	2CC Coupler
OSPL90	Peak	143 dB SPL	139 dB SPL
	1600 Hz	135 dB SPL	127 dB SPL
	HFA-OSPL90	138 dB SPL	130 dB SPL
Full-on gain[1]	Peak	83 dB	79 dB
	1600 Hz	75 dB	67 dB
	HFA-FOG	77 dB	70 dB
Reference test gain		61 dB	53 dB
Frequency range		100-6500 Hz	100-6100 Hz
Telecoil output (1600 Hz)	1 mA/m field	109 dB SPL	-
	10 mA/m field	126 dB SPL	-
	SPLITS L/R	-	115 dB SPL
Total harmonic distortion (Input 70 dB SPL)	500 Hz	4 %	4 %
	800 Hz	<2 %	<2 %
	1600 Hz	<2 %	<2 %
Equivalent input noise level	Omni	18 dB SPL	19 dB SPL
	Dir	32 dB SPL	34 dB SPL
Battery consumption[2]	Typical	1.6 mA	2.5 mA
	Quiescent	1.4 mA	1.4 mA
Battery life, artificial measurement, hours[3]		200	125
Expected battery life, hours (battery size 13 - IEC PR48)[4]		75-115	

1) 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.
2) 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.
3) Based on the standardised 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.
4) 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).

Manufactured by:
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