OTICON | **Play PX**

Technical data sheet

miniBTE R

85

		Play PX 1	Play PX 2
Speech Understanding	MoreSound Intelligence™	Level 1	Level 3
	- Environment configuration	5 Options	3 Options
	- Virtual Outer Ear	3 Configurations	1 Configuration
	- Spatial Balancer	100%	60%
	- Neural Noise Suppression, Difficult / Easy	10 dB / 4 dB	6 dB / 0 dB
	- Sound Enhancer	3 Configurations	1 Configuration
	MoreSound Amplifier™	•	•
	Feedback Prevention	MoreSound Optimizer™ & Feedback shield	MoreSound Optimizer™ & Feedback shield
	Spatial Sound™	4 Estimators	2 Estimators
	Soft Speech Booster	•	•
	Frequency lowering	Speech Rescue™	Speech Rescue™
Sound Quality	Clear Dynamics	•	-
	Better-Ear Priority	•	-
	Fitting Bandwidth*	10 kHz	8 kHz
	Bass Boost (streaming)	•	•
	Processing Channels	64	48
Listening Comfort	Transient Noise Management	4 configurations	3 configurations
	Wind Noise Management	•	•
Optimizing Fitting	Fitting Bands	24	18
	REM Autofit	Verifit®LINK, IMC 2**	Verifit®LINK, IMC 2**
	Pediatric Fitting Mode	•	•
	DSL Fitting Range***	•	•
	Fitting Formulas	DSL v5.0, NAL-NL 1/ NAL-NL 2, VAC+	DSL v5.0, NAL-NL 1/ NAL-NL 2, VAC+
Designed for children	LED	•	•
	Biologically safe	•	•
	Nano coating	•	•
	Color options	12	12
	Hands-free communication****	•	•
	Direct streaming*****	•	•
	Edumic	•	•
	Oticon ON app	•	•

* Bandwidth accessible for gain adjustments during fitting
** Inter Module Communication 2
*** Available in this Technical Data sheet and Oticon Play PX Product Guide
**** Available for Oticon Play PX from FW 1.1 with selected iPhone models
***** From iPhone®, iPad®, iPod touch®, and selected Android™ devices

Operating and charging conditions
Temperature: +5°C to +40°C (41°F to 104°F)
Relative humidity: 5% to 93%, non-condensing
Atmospheric pressure: 700 hPa to 1060 hPa

Storage and transportation conditions
Temperature and humidity should not exceed the below limits for extended periods during transportation and storage.

Transport
Temperature: -20°C to +60°C (-4°F to 140°F)
Relative humidity: 5% to 93%, non-condensing
Atmospheric pressure: 700 hPa to 1060 hPa

Storage
Temperature: -20°C to +30°C (-4°F to 86°F)
Relative humidity: 5% to 93%, non-condensing
Atmospheric pressure: 700 hPa to 1060 hPa

Oticon Play PX miniBTE R is small in size and fits most ears. It is powered by a rechargeable lithium-ion battery. The style features telecoil and a single push-button. It is a Made for iPhone® hearing aid and compatible with the new Android™ protocol for Audio Streaming for Hearing Aids (ASHA) – making it possible to stream directly from iPhone, iPad®, iPod touch® and select Android devices.

MoreSound Intelligence™ creates a more precise and natural representation of individual sounds with clearer and more distinct contrasts providing access to all relevant sounds.

MoreSound Amplifier™ analyzes details in sound, and optimally amplifies them for the brain to have access to relevant information.

Oticon Play PX is built on the innovative Polaris™ platform, which uses a Deep Neural Network to rapidly and optimally manage incoming sounds based on individual needs.

TwinLink
NFMI + 2,4 GHz

Made for iPhone | iPad | iPod

Works with android

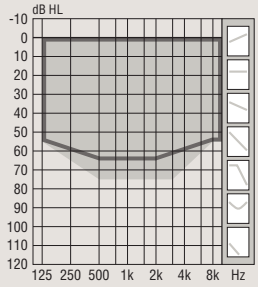
IP68

For information on compatibility, please visit www.oticon.com/support/compatibility

oticon
life-changing technology

Oticon Play PX 1

miniBTE R 85



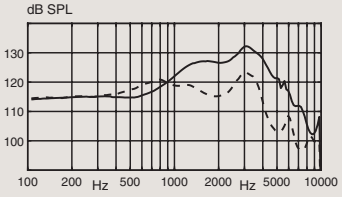
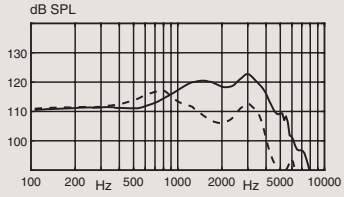
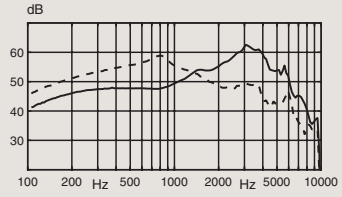
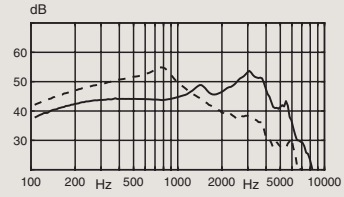
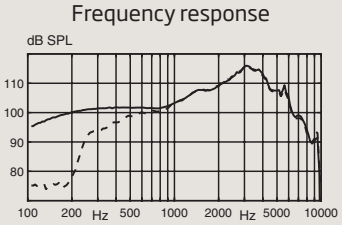
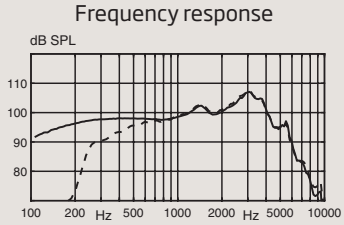
85

DSL Fitting Range

Hook

Corda miniFit

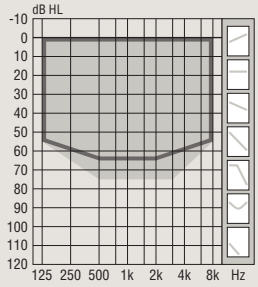
Technical information
Omnidirectional mode is used unless otherwise stated.

		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	**2CC Coupler** Measured according to ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006
		OSPL90 	OSPL90 
		Full-on gain 	Full-on gain 
		Frequency response 	Frequency response 
OSPL90	Peak	132 (123[1]) dB SPL	123 (117[1]) dB SPL
	1600 Hz	127 (116[1]) dB SPL	120 (108[1]) dB SPL
	HFA-OSPL90	126 (118[1]) dB SPL	119 (110[1]) dB SPL
Full-on gain[2]	Peak	63 (59[1]) dB	54 (55[1]) dB
	1600 Hz	54 (51[1]) dB	47 (43[1]) dB
	HFA-FOG	54 (51[1]) dB	47 (43[1]) dB
Reference test gain		47 dB	41 dB
Frequency range		100-9500 Hz	100-7300 Hz
Telecoil output (1600 Hz)	1 mA/m field	85 dB SPL	-
	10 mA/m field	105 dB SPL	-
	SPLITS L/R	-	99/99 dB SPL
Total harmonic distortion (Input 70 dB SPL)	500 Hz	<4 %	<4 %
	800 Hz	<4 %	<3 %
	1600 Hz	<2 %	<2 %
Equivalent input noise level	Omni	19 dB SPL	17 dB SPL
	Dir	30 dB SPL	31 dB SPL
Battery		Lithium-ion	Lithium-ion
Expected operating time, hours[3]		24	

1) For instruments fitted with Corda miniFit
2) Measured with the gain control of the hearing aids set to their 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 60118-0:1983+A1:1994 but without influence of feedback.
3) Expected operating time for rechargeable battery depends on use pattern, active feature set, hearing loss, sound environment, battery age and use of wireless accessories.

Oticon Play PX 2

miniBTE R 85



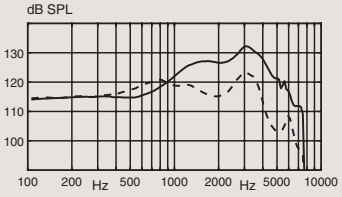
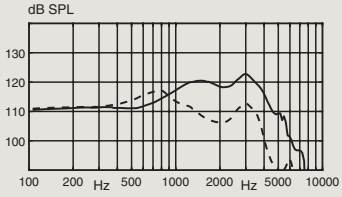
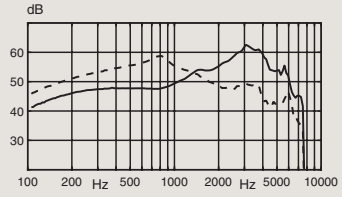
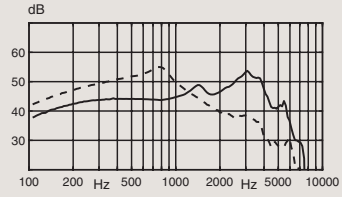
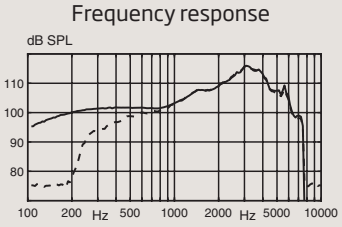
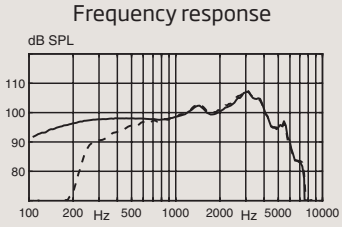
85

DSL Fitting Range

Hook

Corda miniFit

Technical information
Omnidirectional mode is used unless otherwise stated.

		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	**2CC Coupler** Measured according to ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006
		OSPL90 	OSPL90 
		Full-on gain 	Full-on gain 
		Frequency response 	Frequency response 
OSPL90	Peak	132 (123[1]) dB SPL	123 (117[1]) dB SPL
	1600 Hz	127 (116[1]) dB SPL	120 (108[1]) dB SPL
	HFA-OSPL90	126 (118[1]) dB SPL	119 (110[1]) dB SPL
Full-on gain[2]	Peak	63 (59[1]) dB	54 (55[1]) dB
	1600 Hz	54 (51[1]) dB	47 (43[1]) dB
	HFA-FOG	54 (51[1]) dB	47 (43[1]) dB
Reference test gain		47 dB	41 dB
Frequency range		100-7500 Hz	100-7300 Hz
Telecoil output (1600 Hz)	1 mA/m field	85 dB SPL	-
	10 mA/m field	105 dB SPL	-
	SPLITS L/R	-	99/99 dB SPL
Total harmonic distortion (Input 70 dB SPL)	500 Hz	<4 %	<4 %
	800 Hz	<4 %	<3 %
	1600 Hz	<2 %	<2 %
Equivalent input noise level	Omni	19 dB SPL	17 dB SPL
	Dir	30 dB SPL	32 dB SPL
Battery		Lithium-ion	Lithium-ion
Expected operating time, hours[3]		24	

1) For instruments fitted with Corda miniFit
2) Measured with the gain control of the hearing aids set to their 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 60118-0:1983+A1:1994 but without influence of feedback.
3) Expected operating time for rechargeable battery depends on use pattern, active feature set, hearing loss, sound environment, battery age and use of wireless accessories.

Headquarters
Oticon A/S
Kongebakken 9
DK-2765 Smørum
Denmark

SBO Hearing A/S
Kongebakken 9
DK-2765 Smørum
Denmark

244613US / 2022.01.05 / v1