ReSound Nexia™



ITC

Model	NX9ITC-DW	NX7ITC-DW	NX5ITC-DW	NX4ITC-DW*
Device Configurations				
Battery	312			
Control Options	Push button and Volume Control			
Receiver Options	LP, MP, HP, UP			
IP Classification	IP68			
Audiological Features				
Number of Channels	17	14	12	12
Autoscope Adaptive Directionality	●	–	–	–
Adjustable directional mix	●	–	–	–
Multiscope Adaptive Directionality	–	●	–	–
Adaptive directionality	–	–	●	●
Soft Switching	●	●	●	●
Environmental Optimiser II	●	–	–	–
Environmental Optimiser I	–	●	●	–
Noise Tracker II	5 settings	3 settings	2 settings	On/Off
Expansion	3 settings	2 settings	On/Off	On/Off
Impulse Noise Reduction	3 settings	3 settings	On/Off	On/Off
Wind Guard	3 settings	2 settings	On/Off	On/Off
Sound Shaper	●	●	●	●
DFS Ultra III (w/ Music Mode)	●	●	●	●
Synchronised Acceptance Manager	●	●	●	●
Tinnitus Sound Generator	●	●	●	●
Functional Features				
Ear to Ear Communication (Controls only)	●	●	●	●
Bluetooth® Auracast™	●	●	●	●
Direct audio streaming (compatible iOS and Android™ devices)	●	●	●	●
TV-Streamer+ and Multi-Mic+	●	●	●	●
TV Streamer 2, Remote Control, Remote Control 2, Phone Clip+, Micro Mic and Multi Mic	●	●	●	●
ReSound Smart 3D™ app	●	●	●	●
Sound Enhancer (ReSound Smart 3D™ app)	●	–	–	–
Remote Fine Tuning and Updates				
ReSound Assist	●	●	●	●
ReSound Assist Live	●	●	●	●
Remote Firmware Updates	●	●	●	●
Fitting Features				
Fitting Software ReSound Smart Fit™ 2.0 or higher	●	●	●	●
Fully Flexible Programs	4	4	4	4
Auto DFS	●	●	●	●
Datalogging	●	●	●	●
Wireless Fitting with Noahlink Wireless	●	●	●	●

* Availability of models may vary by country.

Made for iPhone | iPad | iPod

Works with Android

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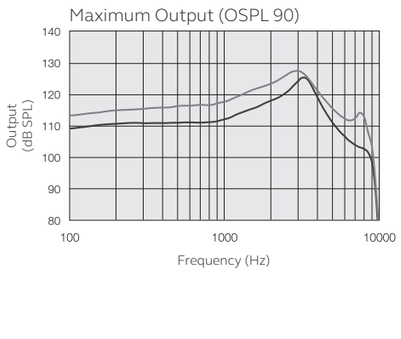
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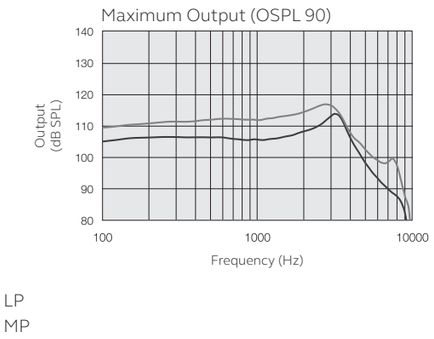
Technical Specifications

		LP		MP		
		IEC 60118-0: 1983_ AMD1:1994 IEC60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	IEC 60118-0: 1983_ AMD1:1994 IEC60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	40	31	44	36	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	51 46	40 37	60 52	50 45	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	125 116	114 108	127 122	117 114	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz 3200 Hz	1.9 2.3 1.4 –	1.2 1.3 1.0 0.2	0.8 1.1 0.5 –	0.5 0.7 0.4 0.2	%
Equivalent input noise, w/o Noise reduction		23	23	25	22	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	10	10	9	9	dB SPL
Frequency range		<200 - >8000	<200 - >8000	<200 - >8000	<200 - >8000	Hz
Current Drain (Quiescent / Operating) (Battery type 312)		0.79 / 0.88	0.79 / 0.99	0.78 / 1.01	0.78 / 1.01	mA

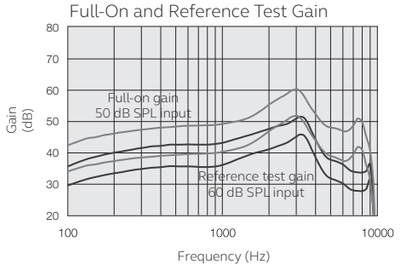
IEC 60118-0: 1983_AMD1:1994
IEC 711 Ear Simulator

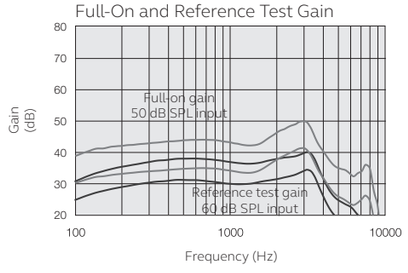


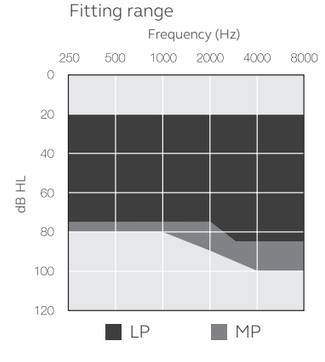
ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler











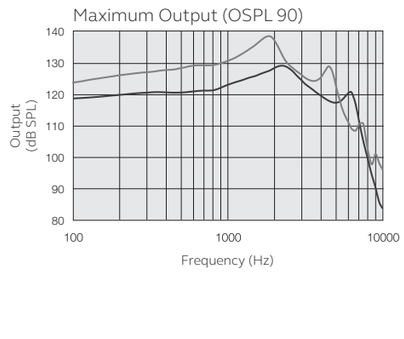
Patents pending.

All specifications are subject to change without notice.

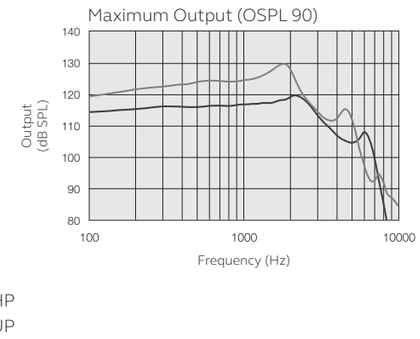
Technical Specifications

		HP		UP		
		IEC 60118-0: 1983_ AMD1:1994 IEC60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	IEC 60118-0: 1983_ AMD1:1994 IEC60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	48	41	60	47	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	69 61	60 54	77 74	68 61	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	129 126	120 118	139 137	130 124	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz 3200 Hz	0.9 1.6 0.2 –	0.6 0.9 0.1 0.1	0.7 0.8 0.2 –	0.4 0.5 0.1 0.0	%
Equivalent input noise, w/o Noise reduction		23	22	19	23	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	10	9	11	10	dB SPL
Frequency range		<200 - 7500	<200 - 6990	<200 - 6060	<200 - 5480	Hz
Current Drain (Quiescent / Operating) (Battery type 312)		0.78 / 0.98	0.78 / 0.98	0.79 / 0.84	0.79 / 0.94	mA

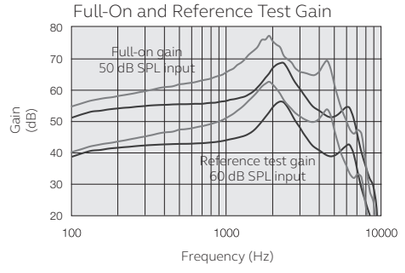
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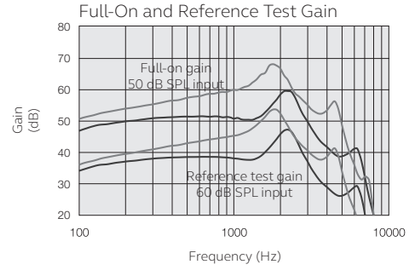


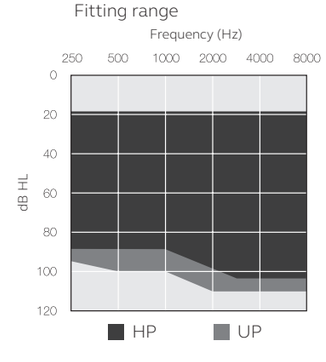
ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler











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