ReSound Nexia™



CIC

Model	NX9-CIC	NX7-CIC	NX5-CIC	NX4-CIC*
Device Configurations				
Battery size	10A			
Power levels	LP, MP & HP			
Colors available	6			
Audiological Features				
Number of channels	17	14	12	12
Environmental Optimizer II	●	–	–	–
Environmental Optimizer	–	●	●	–
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
Extended Bandwidth	●	●	●	●
Sound Shaper	●	●	●	●
DFS Ultra III (w/ Music Mode)	●	●	●	●
Acceptance Manager	●	●	●	●
Tinnitus Sound Generator	●	●	●	●
Fitting Features				
Fitting Software ReSound Smart Fit™ 1.18 or higher	●	●	●	●
Fully Flexible Programs	4	4	4	4
Auto DFS	●	●	●	●
Datalogging	●	●	●	●

* Availability of models may vary by country.

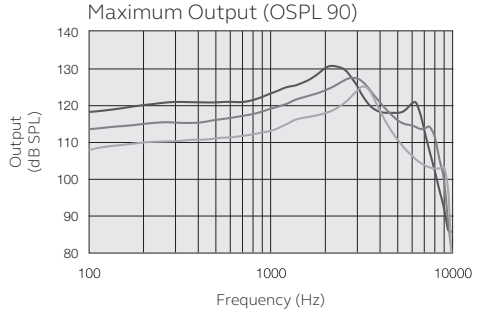
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Technical Specifications

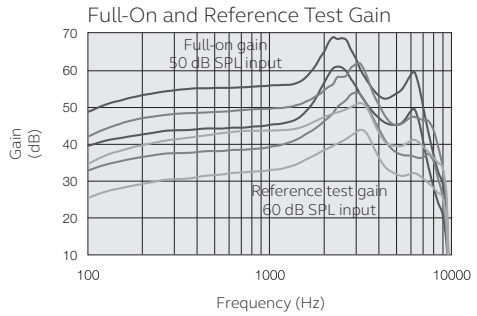
		LP		MP		HP		
		IEC 60118-0: 1983_ AMD1:1994 IEC60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	IEC 60118-0: 1983_ AMD1:1994 IEC60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	IEC 60118-0: 1983_ AMD1:1994 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)	1600Hz/HFA	36	31	43	37	49	41	dB
Full-on gain (50 dB SPL input)	Max. 1600Hz/HFA	51 45	40 37	62 52	50 45	69 58	60 52	dB
Maximum output (90 dB SPL input)	Max. 1600Hz/HFA	125 117	114 108	127 122	116 114	131 127	121 118	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz 3200 Hz	1.0 1.4 0.8	0.8 1.0 0.8 0.2	0.7 0.7 0.7	0.6 0.5 0.4 0.3	0.9 0.8 0.2	0.5 0.7 0.2 0.2	%
Equivalent input noise, w/o Noise reduction		23	23	25	23	25	22	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	10	10	11	11	10	10	
Frequency range		<200 - >8000	<200 - >8000	<200 - >8000	<200 - >8000	<200 - 7690	<200 - 7210	Hz
Current Drain (Quiescent / Operating) (Battery type 10)		0.51 / 0.53	0.53 / 0.73	0.52 / 0.57	0.52 / 0.87	0.54 / 0.60	0.54 / 0.75	mA

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

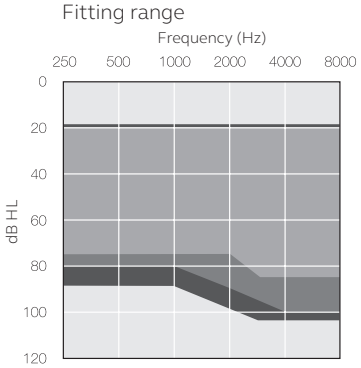
Maximum Output (OSPL 90)



Full-On and Reference Test Gain

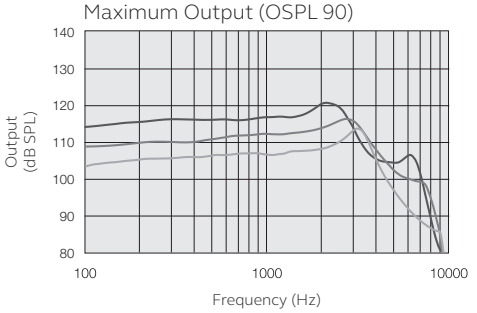


Fitting range



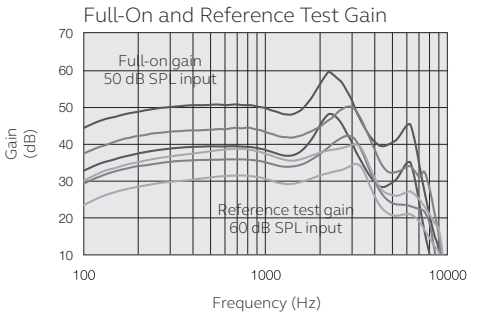
ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler

Maximum Output (OSPL 90)



LP
MP
HP

Full-On and Reference Test Gain



Patents pending.

All specifications are subject to change without notice.

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