Technical Data

Nios S H2O

Nios S H2O V

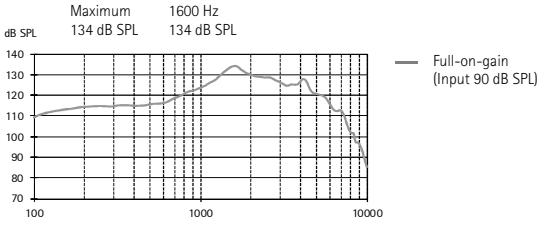
WaterResistant M BTE, battery size 13 (for fitting range, product details and available options, please see Product Information or visit www.phonakpro.com).

Unless otherwise specified, all data obtained are measured in a closed configuration with a **hook type HE10 680** (Art. No. 004-8041) onto a HA-1 coupler (ANSI-S3.7-1995) or an occluded-ear simulator (EN 60711, coupling arrangement according to fig. 4 in the test standard), and in the Phonak Target measurement settings.

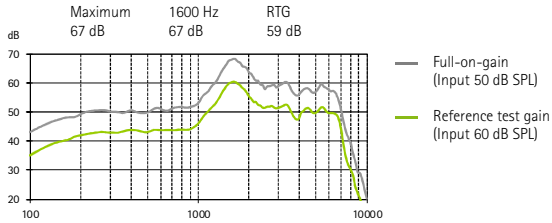
Ear simulator data

EN / IEC 60118 and IEC 60711

Output sound pressure level

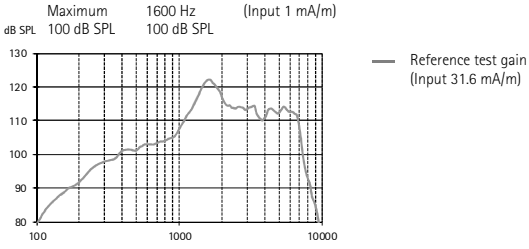


Acoustic gain



Frequency range	<100 Hz - 7000 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	3%	4%	1.5%
Battery current	Quiescent	Working	
	1.1 mA	1.2 mA	
Equivalent input noise level	19 dB SPL		

Induction coil sensitivity



Dynamic data

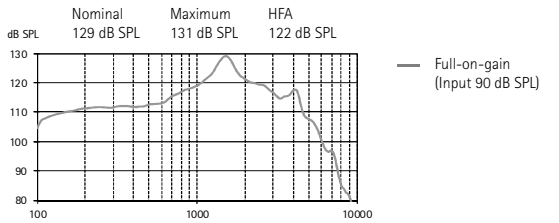
Compression	Attack time	Recovery time
	10 ms	**50 ms**

Using pure tone measurements with a digital hearing instrument can result in a wavy frequency response. This is an artifact resulting from the use of a narrowband input signal and does not affect the actual performance with naturally occurring broadband input signals.

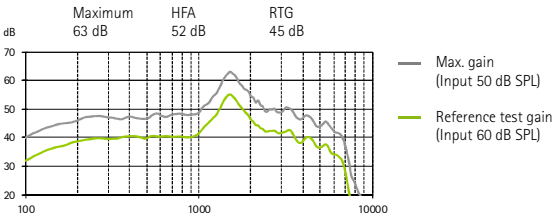
2cm^3 coupler data

ANSI S3.22-2009

Output sound pressure level

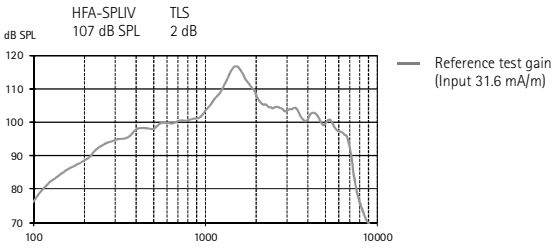


Acoustic gain



Frequency range	<100 Hz - 7100 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	3%	4%	1.5%
Equivalent input noise level	19 dB SPL		

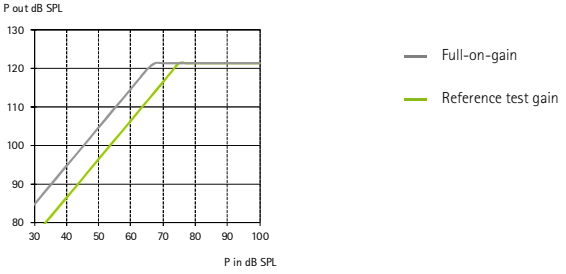
Induction coil sensitivity



Dynamic data

Compression	Attack time	Recovery time
	10 ms	**50 ms**

Input / Output characteristics at 2000 Hz



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