

Nios micro

Nios micro III

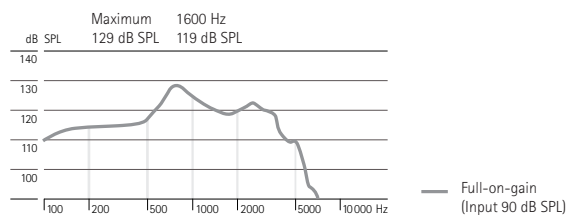
Technical Data



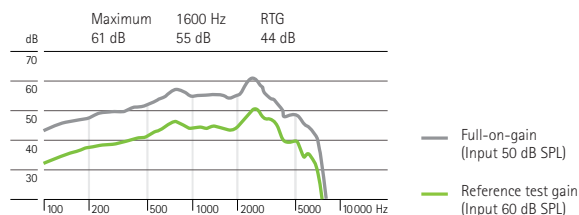
Ear simulator data

EN / IEC 60118 and IEC 60711

Output sound pressure level

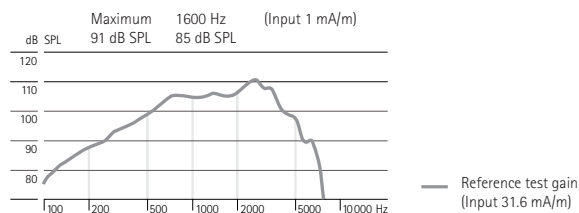


Acoustic gain



Frequency range	<100 Hz – 7200 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	0.5%	0.5%	1.0%
Battery current	Quiescent	Working	
	1.2 mA	1.3 mA	
Equivalent input noise level	19 dB SPL		

Induction coil sensitivity



Dynamic data

Compression	Attack time	Recovery time
	1 ms	50 ms

Small moderate power microBTE, battery size 13 with digital AudioZoom especially designed for children between 0 and 18 years (for fitting range, product details, and available options, please see "Nios micro Product Information" or visit www.phonak.com).

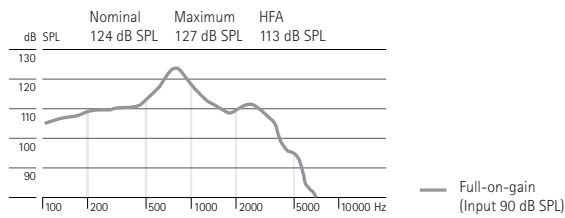
Unless otherwise specified, all data obtained are measured in a closed configuration with a straight measurement micro tube (Art. No. 004-1393) and a coupling disc (Art. No. 002-0412) onto a HA-1 coupler (ANSI-S3.7-1995) or an occluded-ear simulator (EN 60711, coupling arrangement according to fig. 4 in the test standard), and in the iPFG measurement settings. For further information refer to the Fit'nGo micro Kit instructions.

Note: 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 reflect the actual performance with naturally occurring broadband input signals.

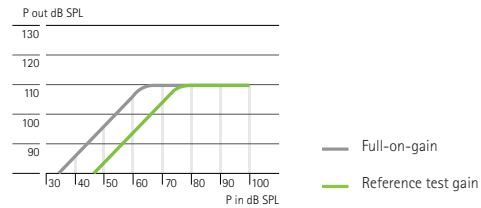
2cm³ coupler data

ANSI S3.22-2003

Output sound pressure level



Input / Output characteristics at 2000 Hz

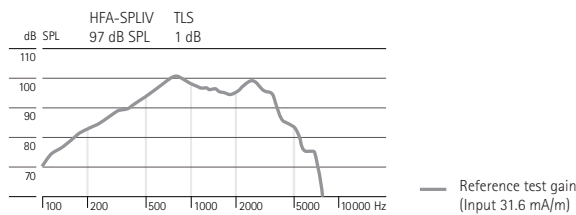


Acoustic gain



Frequency range	<100 Hz – 7100 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	0.5%	0.5%	0.5%
Equivalent input noise level	19 dB SPL		

Induction coil sensitivity



Dynamic data

Compression	Attack time	Recovery time
	1 ms	50 ms