



Technical Data

Phonak Nathos™ Auto

Phonak Nathos Auto M (HE10 680)

Compact power BTE, battery size 13 (for fitting range, product details and available options, please see Phonak Target).



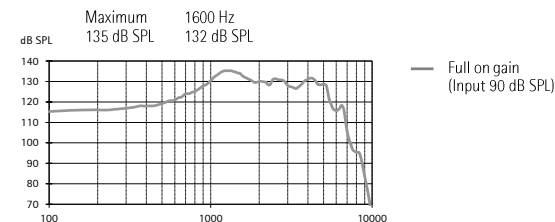
Warning to hearing care professionals:
This hearing instrument has an output sound pressure level that can exceed 132 dB SPL. Special care should be taken when fitting this instrument as there is a risk of impairing the residual hearing of the user.

Unless otherwise specified, all data obtained are measured with the hook type HE10 680 and Phonak Target measurement settings.

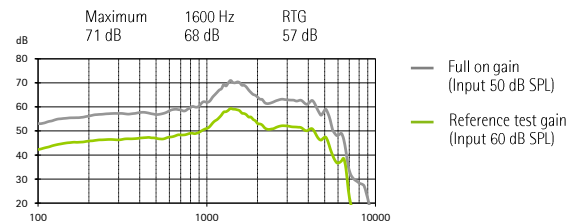
Ear simulator data

IEC 60118-0 : 1994

Output sound pressure level

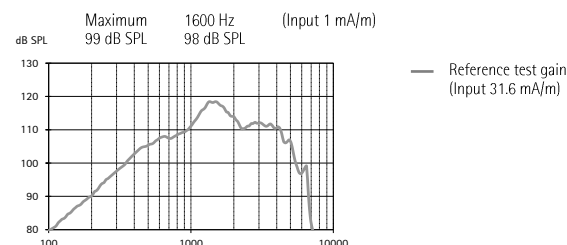


Acoustic gain



Frequency range	100 Hz - 5500 Hz
Total harmonic distortion	500 Hz 800 Hz 1600 Hz
	5% 4% 2%
Battery current	Quiescent Working
	1 mA 1.2 mA
Equivalent input noise level	19 dB SPL

Induction coil sensitivity



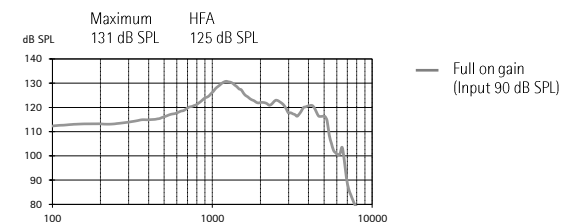
Note: Using pure tone measurements with a digital hearing instrument can result in a wavy frequency response. This is an artifact resulting from the use of a narrowband input signal and does not affect the actual performance with naturally occurring broadband input signals.

2cm³ coupler data

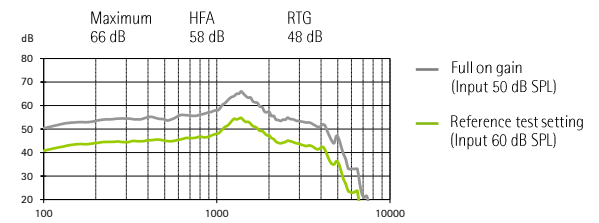
ANSI / ASA S3.22-2014

IEC 60118-0 : 2015

Output sound pressure level

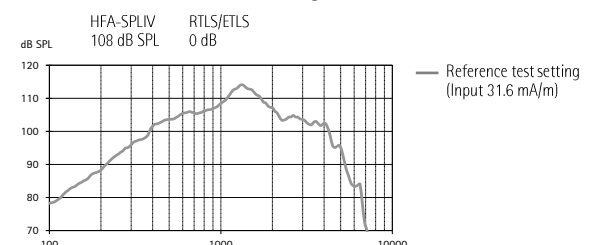


Acoustic gain



Frequency range	<100 Hz - 5400 Hz
Total harmonic distortion	500 Hz 800 Hz 1600 Hz
	5% 4% 2%
Battery current	1.2 mA
Equivalent input noise level	19 dB SPL

Induction coil sensitivity





Phonak Nathos Auto M (SlimTube HE)

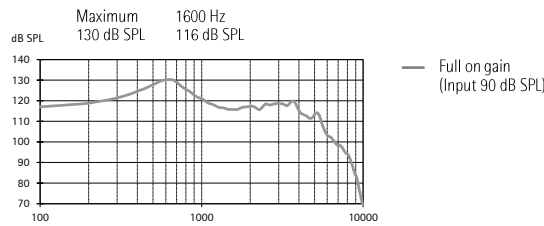
Unless otherwise specified, all data obtained are measured in a closed configuration with a straight measurement SlimTube HE (Art. No. 004-0425) and a coupling disc (Art. No. 002-0412) onto a HA-1 coupler (ANSI-S3.7-1995) or an occluded-ear simulator (EN 60711, coupling arrangement according to fig. 4 in the test standard), and in the Phonak Target measurement settings.

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

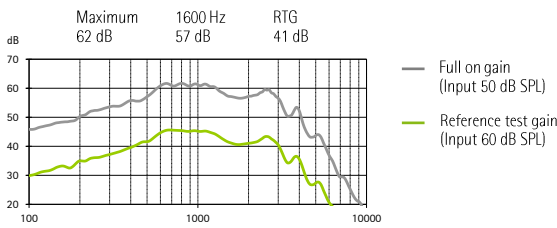
Ear simulator data

IEC 60118-0 : 1994

Output sound pressure level

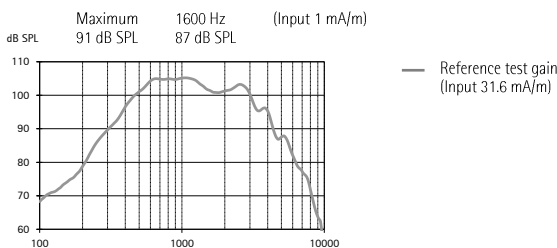


Acoustic gain



Frequency range	<100 Hz - 5500 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	1%	1%	1.5%
Battery current	Quiescent	Working	
	1 mA	1.2 mA	
Equivalent input noise level	19 dB SPL		

Induction coil sensitivity

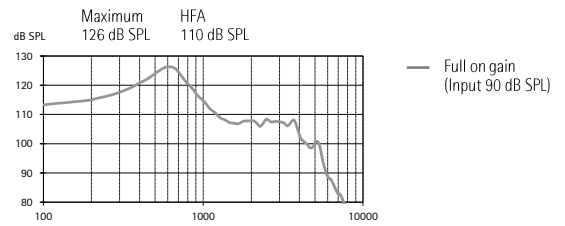


2cm³ coupler data

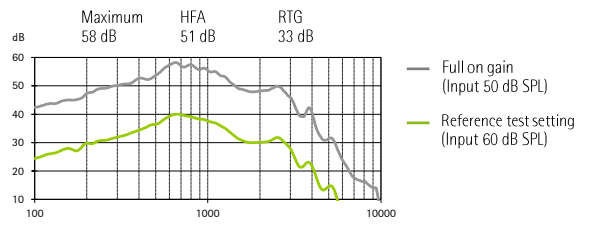
ANSI / ASA S3.22-2014

IEC 60118-0 : 2015

Output sound pressure level



Acoustic gain



Frequency range	<100 Hz - 5400 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	1%	1%	1.5%
Battery current	1.2 mA		
Equivalent input noise level	19 dB SPL		

Induction coil sensitivity

