Audéo SMART

Audéo SMART V

Technical Data

External receiver (CRT) instrument with size 312 battery and VoiceZoom (for fitting range, product details and available options, please see the "Audéo SMART Product Information Overview" or visit www.phonakpro.com)

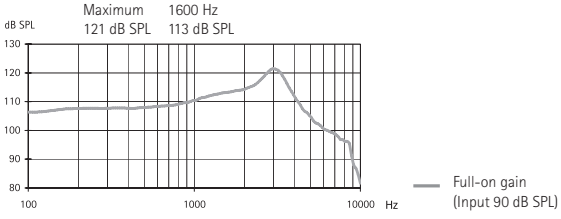
Audéo SMART instruments can be fitted with either a standard or power receiver. Unless otherwise specified, all data obtained are measured in a closed configuration with a coupling disc onto a HA-1 coupler (ANSI-S3.7-1995) or an occluded ear simulator (EN 60711, coupling arrangement according to fig. 4 in the test standard), and in the iPFG measurement settings.

Note: Measurements with pure tones of 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 occuring broadband input signals.

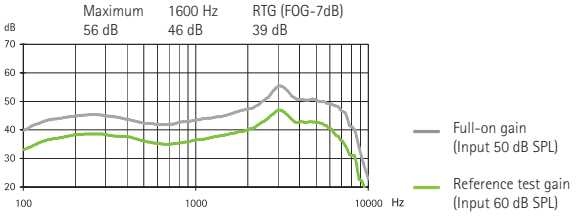
Ear simulator data with xS* receiver

*Standard EN / IEC 60118 and IEC 60711

Output sound pressure level



Acoustic gain

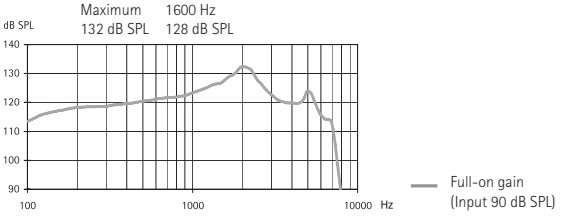


Frequency range	**<100 Hz – 8800 Hz**		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	1.5%	**2.0%**	**2.0%**
Battery current	Quiescent	Working	
	1.0 mA	**1.1 mA**	
Equivalent input noise level	**19 dB SPL**		

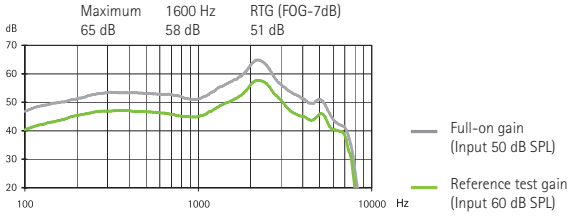
Ear simulator data with xP* receiver

*Power 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
	2.0%	**2.0%**	**1.0%**
Battery current	Quiescent	Working	
	1.0 mA	**1.1 mA**	
Equivalent input noise level	**19 dB SPL**		

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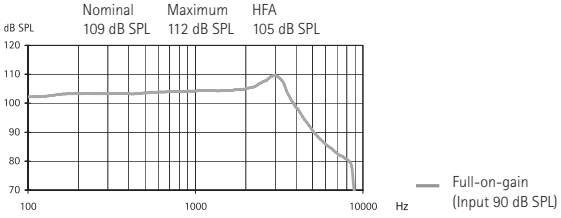
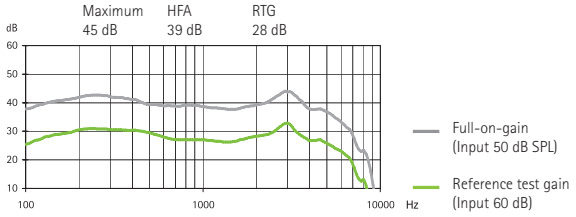
2cm³ coupler data with xS* receiver

*Standard ANSI S3.22-2003

Output sound pressure level

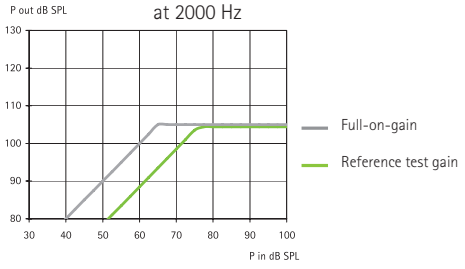


Acoustic gain



Frequency range	**<100 Hz – 8500 Hz**		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	1.5%	**2.0%**	**2.0%**
Battery current	Quiescent	Working	
	1.0 mA	**1.1 mA**	
Equivalent input noise level	**19 dB SPL**		

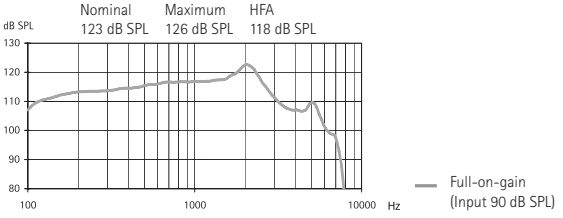
Input / Output characteristics



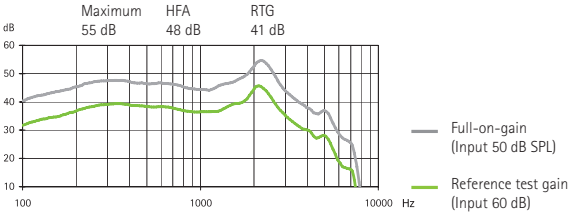
2cm³ coupler data with xP* receiver

*Power ANSI S3.22-2003

Output sound pressure level



Acoustic gain



Frequency range	**<100 Hz – 6000 Hz**		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	1.5%	**1.0%**	**0.5%**
Battery current	Quiescent	Working	
	1.0 mA	**1.2 mA**	
Equivalent input noise level	**19 dB SPL**		

Input / Output characteristics