Audéo S SMART IX (xS Receiver)

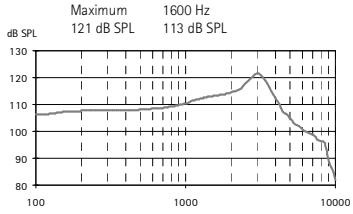
External receiver (CRT) instrument with size 312 battery (for fitting range, product details and available options, please see the Product Information or visit www.phonakpro.com)

CRT instruments can be fitted with a standard, power or SuperPower 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 Phonak Target measurement settings.

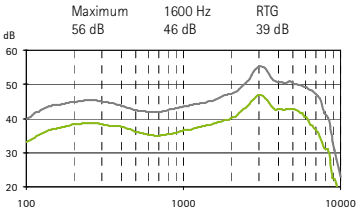
Ear simulator data

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%	2%
Battery current	Quiescent	Working	
	1.1 mA	1.2 mA	
Equivalent input noise level	19 dB SPL		

Dynamic data

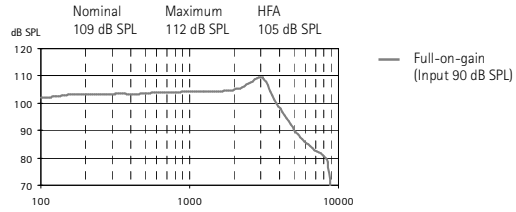
Compression	Attack time	Recovery time
	1 ms	**50 ms**

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 effect the actual performance with naturally occurring broadband input signals.

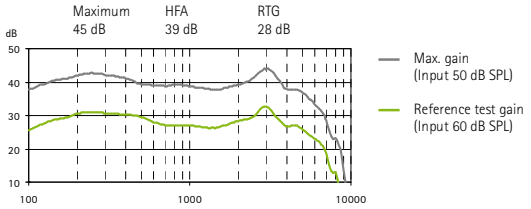
2cm^3 coupler data

ANSI S3.22-2003

Output sound pressure level



Acoustic gain

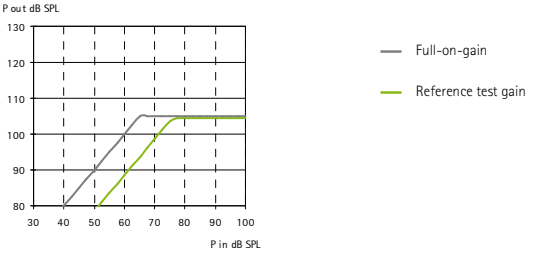


Frequency range	<100 Hz - 8500 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	1.5%	2%	2%
Equivalent input noise level	19 dB SPL		

Dynamic data

Compression	Attack time	Recovery time
	1 ms	**50 ms**

Input / Output characteristics at 2000 Hz

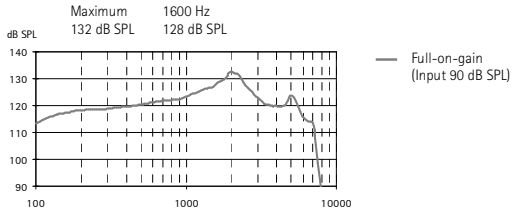


Audéo S SMART IX (xP Receiver)

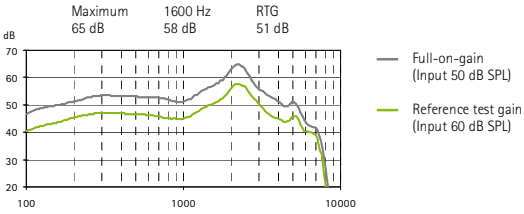
Ear simulator data

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
	1.5%	1.5%	1%
Battery current	Quiescent	Working	
	1.1 mA	1.2 mA	
Equivalent input noise level	19 dB SPL		

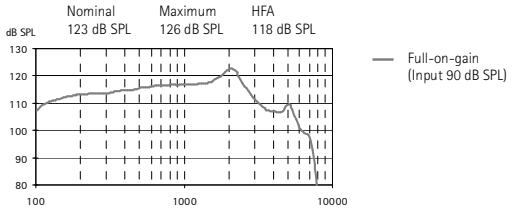
Dynamic data

Compression	Attack time	Recovery time
	1 ms	**50 ms**

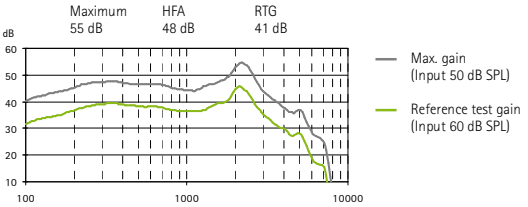
2cm^3 coupler data

ANSI S3.22-2003

Output sound pressure level



Acoustic gain

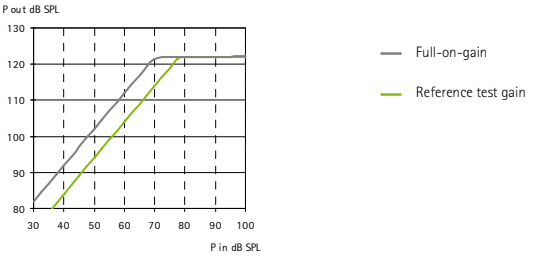


Frequency range	<100 Hz - 6000 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	1%	1%	1%
Equivalent input noise level	19 dB SPL		

Dynamic data

Compression	Attack time	Recovery time
	1 ms	**50 ms**

Input / Output characteristics at 2000 Hz



CE 0459

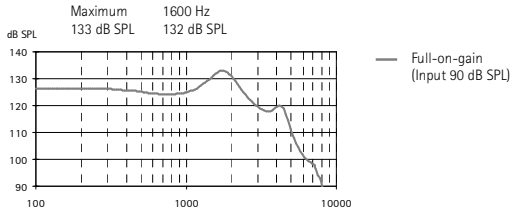
PHONAK

Audéo S SMART IX (xSP Receiver)

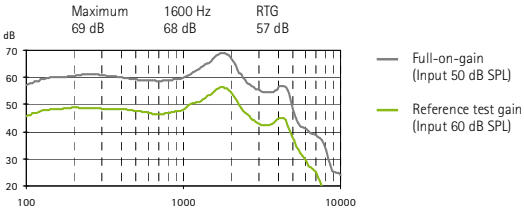
Ear simulator data

EN / IEC 60118 and IEC 60711

Output sound pressure level



Acoustic gain



Frequency range	<100 Hz - 5000 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	1%	1%	0.5%
Battery current	Quiescent	Working	
	1.1 mA	1.2 mA	
Equivalent input noise level	19 dB SPL		

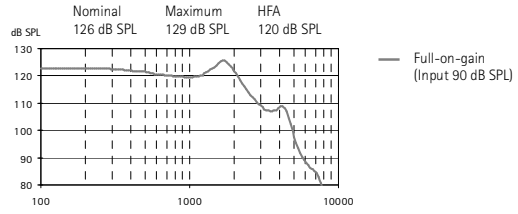
Dynamic data

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

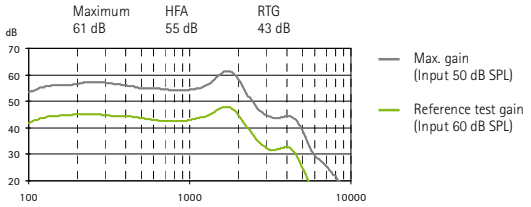
2cm^3 coupler data

ANSI S3.22-2003

Output sound pressure level



Acoustic gain

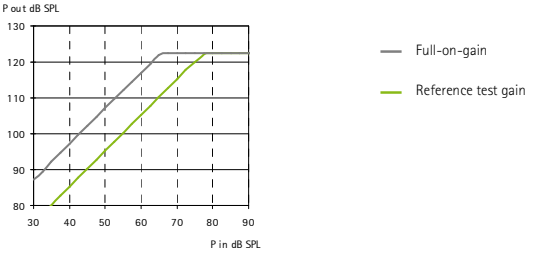


Frequency range	<100 Hz - 5500Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	0.5%	0.5%	0.5%
Equivalent input noise level	19 dB SPL		

Dynamic data

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

Input / Output characteristics at 2000 Hz



0459

PHONAK