



## Audéo S YES IX (xS Receiver)

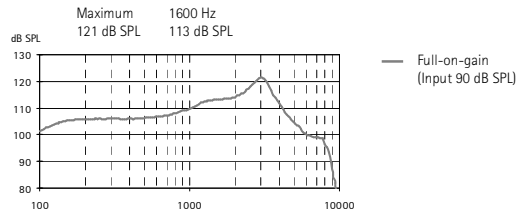
External receiver (CRT) instrument with size 312 battery (for fitting range, product details and available options, please see the Product Information or visit [www.phonakpro.com](http://www.phonakpro.com))

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.

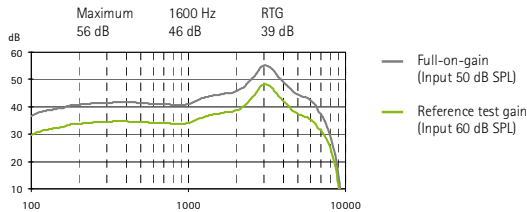
### Ear simulator data

EN / IEC 60118 and IEC 60711

#### Output sound pressure level



#### Acoustic gain



Frequency range	<100 Hz - 8300 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	1%	1.5%	2%
Battery current	Quiescent	Working	
	1.1 mA	1.2 mA	
Equivalent input noise level	19 dB SPL		

#### Dynamic data

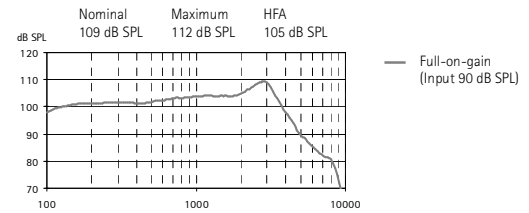
Compression	Attack time	Recovery time
	1 ms	50 ms

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.

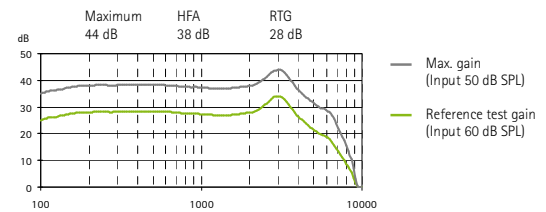
### 2cm<sup>3</sup> coupler data

ANSI S3.22-2003

#### Output sound pressure level



#### Acoustic gain

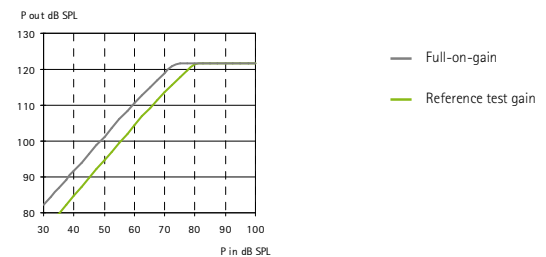


Frequency range	<100 Hz - 7900 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	1.5%	1%	1%
Equivalent input noise level	19 dB SPL		

#### Dynamic data

Compression	Attack time	Recovery time
	1 ms	50 ms

#### Input / Output characteristics at 2000 Hz

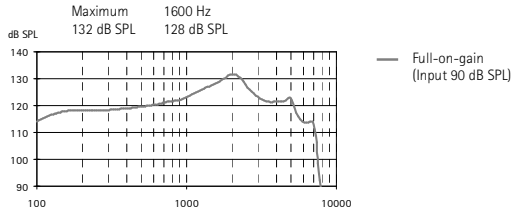


# Audéo S YES IX (xP Receiver)

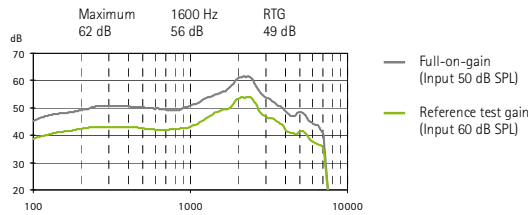
## Ear simulator data

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
	2%	2%	1%
Battery current	Quiescent	Working	
	1.1 mA	1.2 mA	
Equivalent input noise level	19 dB SPL		

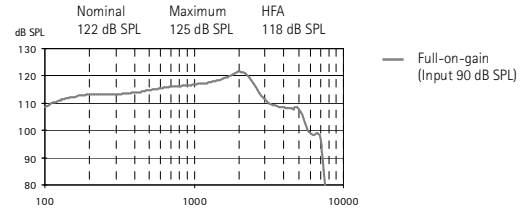
### Dynamic data

Compression	Attack time	Recovery time
	1 ms	50 ms

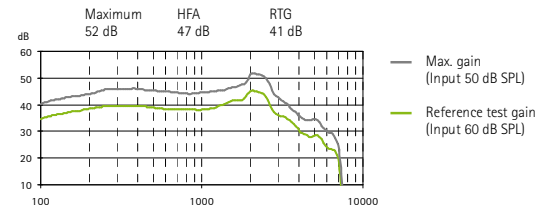
## 2cm<sup>3</sup> coupler data

ANSI S3.22-2003

### Output sound pressure level



### Acoustic gain

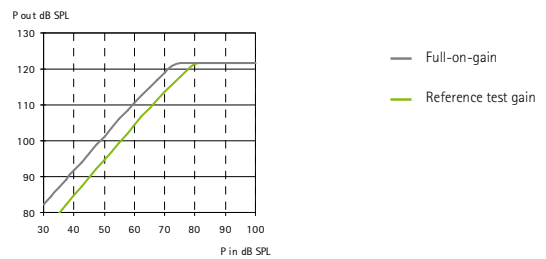


Frequency range	<100 Hz - 7900 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	1.5%	1%	0.5%
Equivalent input noise level	19 dB SPL		

### Dynamic data

Compression	Attack time	Recovery time
	1 ms	50 ms

### Input / Output characteristics at 2000 Hz



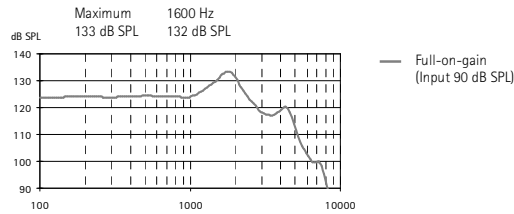
# Technical Data

## Audéo S YES IX (xSP Receiver)

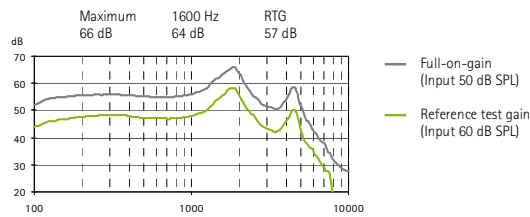
### Ear simulator data

EN / IEC 60118 and IEC 60711

#### Output sound pressure level



#### Acoustic gain



Frequency range	<100 Hz - 5500 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		

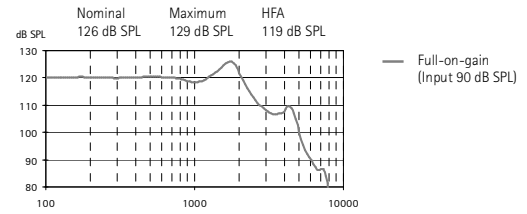
#### Dynamic data

Compression	Attack time	Recovery time
	10 ms	50 ms

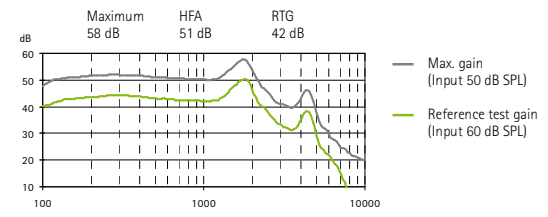
### 2cm<sup>3</sup> coupler data

ANSI S3.22-2003

#### Output sound pressure level



#### Acoustic gain

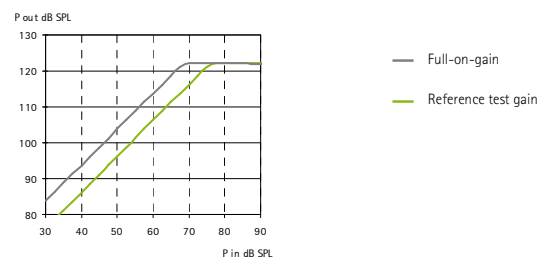


Frequency range	<100 Hz - 6000 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	0.5%	0.5%	0.5%
Equivalent input noise level	19 dB SPL		

#### Dynamic data

Compression	Attack time	Recovery time
	10 ms	50 ms

#### Input / Output characteristics at 2000 Hz



**PHONAK**