



Audéo S YES III (xS Receiver)

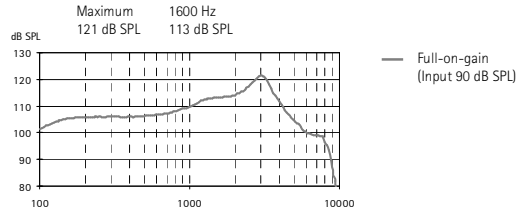
External receiver (CRT) instrument with size 312 battery (for fitting range, product details and available options, please see the Product Information or visit www.phonakpro.com)

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.

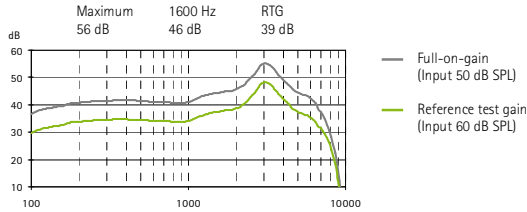
Ear simulator data

EN / IEC 60118 and IEC 60711

Output sound pressure level



Acoustic gain



| | | | |
|------------------------------|-------------------|---------|---------|
| Frequency range | <100 Hz - 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

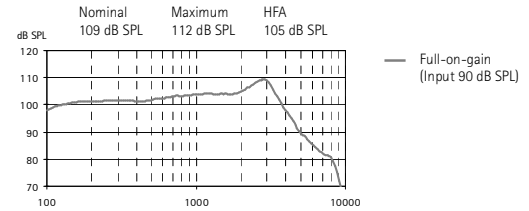
| | | |
|-------------|-------------|---------------|
| Compression | Attack time | Recovery time |
| | 1 ms | 50 ms |

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.

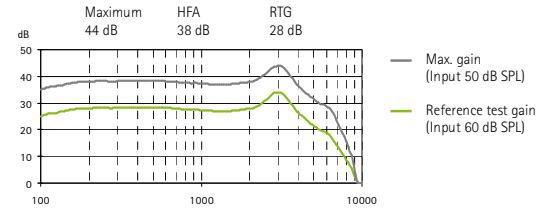
2cm³ coupler data

ANSI S3.22-2003

Output sound pressure level



Acoustic gain

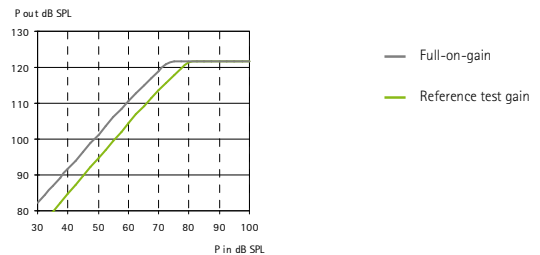


| | | | |
|------------------------------|-------------------|--------|---------|
| Frequency range | <100 Hz - 7900 Hz | | |
| Total harmonic distortion | 500 Hz | 800 Hz | 1600 Hz |
| | 1.5% | 1% | 1% |
| Equivalent input noise level | 19 dB SPL | | |

Dynamic data

| | | |
|-------------|-------------|---------------|
| Compression | Attack time | Recovery time |
| | 1 ms | 50 ms |

Input / Output characteristics at 2000 Hz



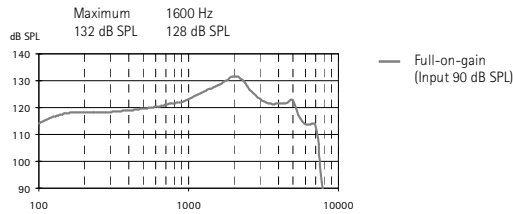
Technical Data

Audéo S YES III (xP Receiver)

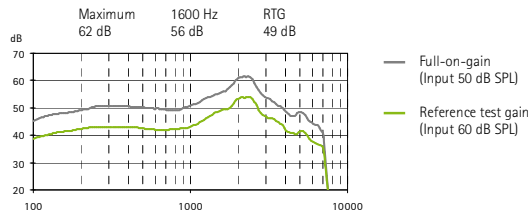
Ear simulator data

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 | | |

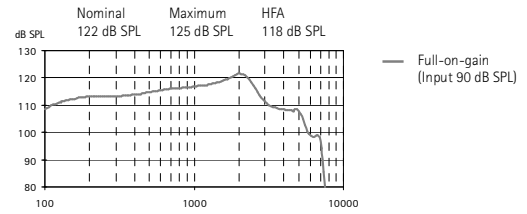
Dynamic data

| | | |
|-------------|-------------|---------------|
| Compression | Attack time | Recovery time |
| | 1 ms | 50 ms |

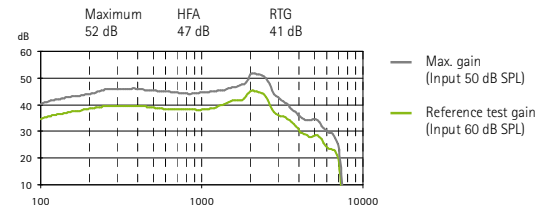
2cm³ coupler data

ANSI S3.22-2003

Output sound pressure level



Acoustic gain

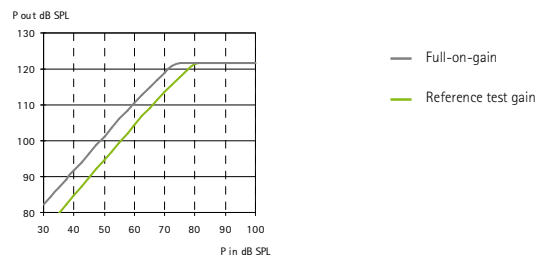


| | | | |
|------------------------------|-------------------|--------|---------|
| Frequency range | <100 Hz - 7900 Hz | | |
| Total harmonic distortion | 500 Hz | 800 Hz | 1600 Hz |
| | 1.5% | 1% | 0.5% |
| Equivalent input noise level | 19 dB SPL | | |

Dynamic data

| | | |
|-------------|-------------|---------------|
| Compression | Attack time | Recovery time |
| | 1 ms | 50 ms |

Input / Output characteristics at 2000 Hz

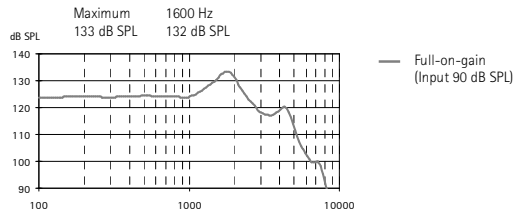


Audéo S YES III (xSP Receiver)

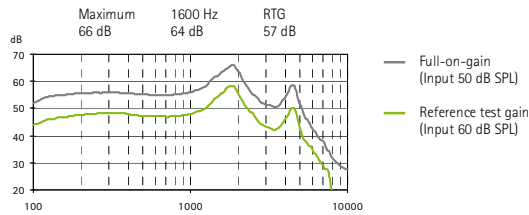
Ear simulator data

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 | | |

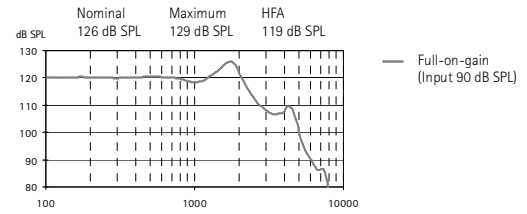
Dynamic data

| | | |
|-------------|-------------|---------------|
| Compression | Attack time | Recovery time |
| | 10 ms | 50 ms |

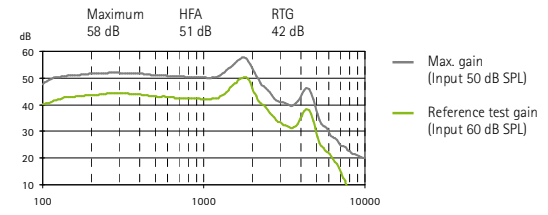
2cm³ coupler data

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

