



Technical Data

Phonak Ambra

Phonak Ambra 312 UZ (M)

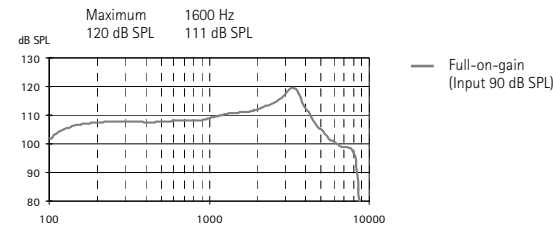
Compact ITE, battery size 312 (for fitting range, product details and available options, please see Product Information or visit www.phonakpro.com).

Unless otherwise specified, all data obtained are measured with 5 mm tubing and Phonak Target measurement settings.

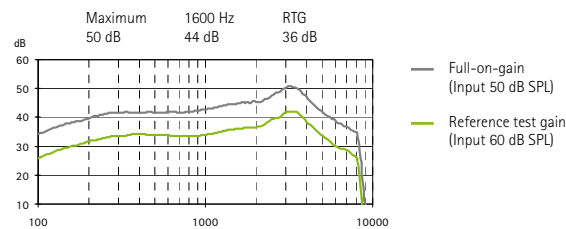
Ear simulator data

EN / IEC 60118 and IEC 60711

Output sound pressure level

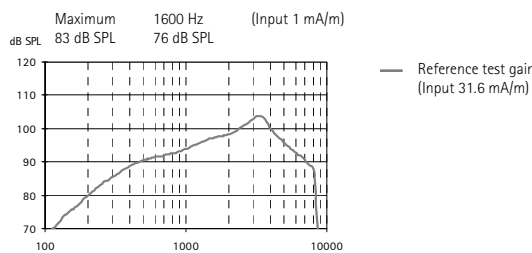


Acoustic gain



| | | | |
|------------------------------|-------------------|---------|---------|
| Frequency range | <100 Hz - 8200 Hz | | |
| Total harmonic distortion | 500 Hz | 800 Hz | 1600 Hz |
| | 2.5% | 2.5% | 2% |
| Battery current | Quiescent | Working | |
| | 1.1 mA | 1.2 mA | |
| Equivalent input noise level | 19 dB SPL | | |

Induction coil sensitivity



Dynamic data

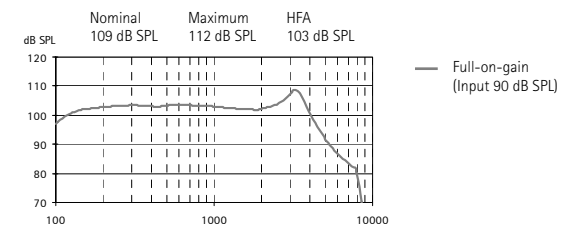
| | | |
|-------------|-------------|---------------|
| Compression | Attack time | Recovery time |
| | 10 ms | 50 ms |

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.

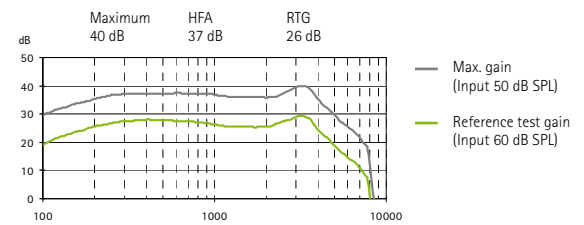
2cm³ coupler data

ANSI S3.22-2009

Output sound pressure level

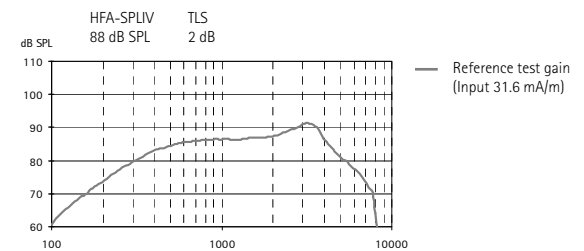


Acoustic gain



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

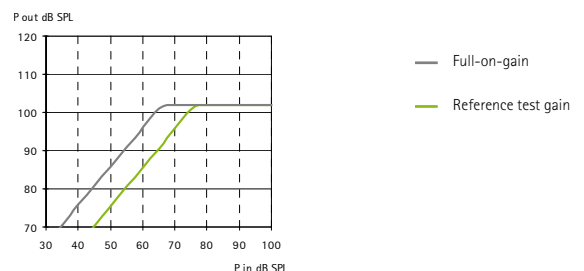
Induction coil sensitivity



Dynamic data

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

Input / Output characteristics at 2000 Hz



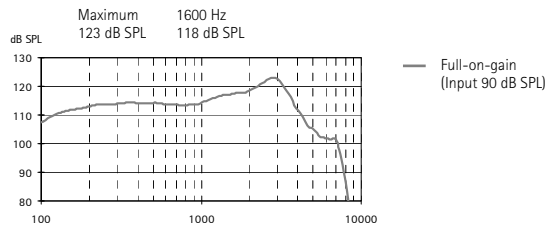
Technical Data

Phonak Ambra 312 UZ (P)

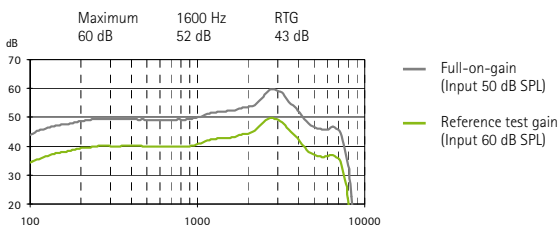
Ear simulator data

EN / IEC 60118 and IEC 60711

Output sound pressure level

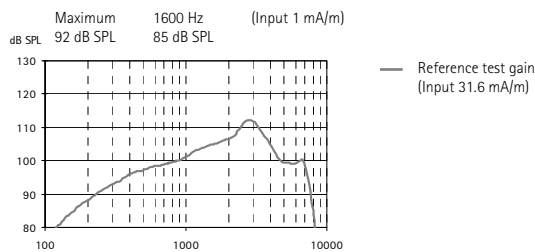


Acoustic gain



| | | | |
|------------------------------|-------------------|---------|---------|
| Frequency range | <100 Hz - 7500 Hz | | |
| Total harmonic distortion | 500 Hz | 800 Hz | 1600 Hz |
| | 2.5% | 2.5% | 2% |
| Battery current | Quiescent | Working | |
| | 1.1 mA | 1.2 mA | |
| Equivalent input noise level | 19 dB SPL | | |

Induction coil sensitivity



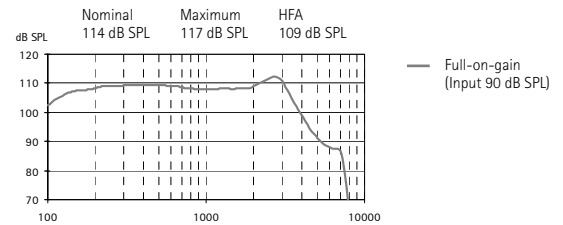
Dynamic data

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

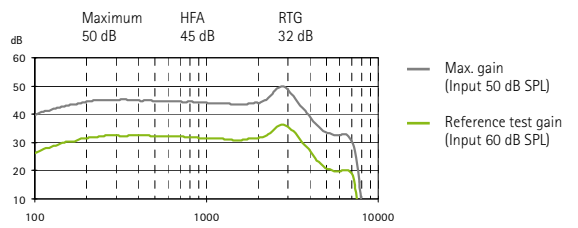
2cm³ coupler data

ANSI S3.22-2009

Output sound pressure level

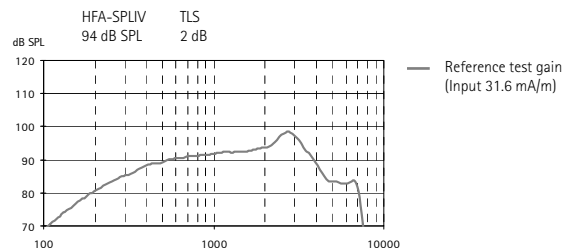


Acoustic gain



| | | | |
|------------------------------|-------------------|--------|---------|
| Frequency range | <100 Hz - 7200 Hz | | |
| Total harmonic distortion | 500 Hz | 800 Hz | 1600 Hz |
| | 1.5% | 1.5% | 1.5% |
| Equivalent input noise level | 19 dB SPL | | |

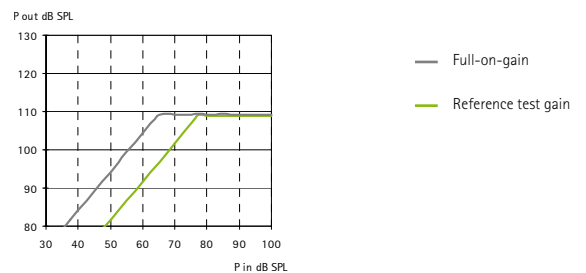
Induction coil sensitivity



Dynamic data

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

Input / Output characteristics at 2000 Hz

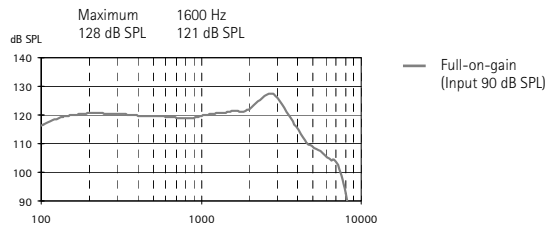


Phonak Ambra 312 UZ (SP)

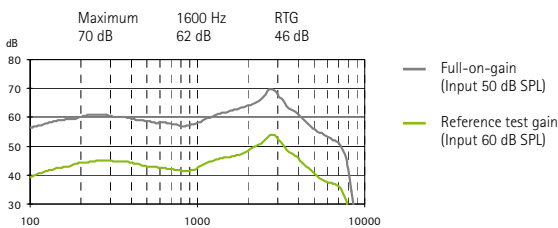
Ear simulator data

EN / IEC 60118 and IEC 60711

Output sound pressure level

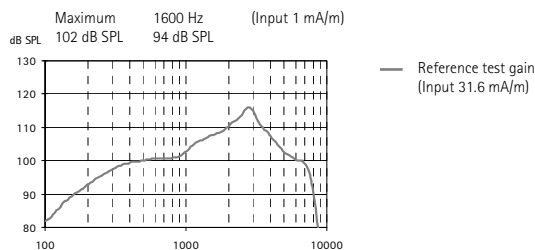


Acoustic gain



| | | | |
|------------------------------|--------------------|---------|---------|
| Frequency range | < 100 Hz - 7500 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 | | |

Induction coil sensitivity



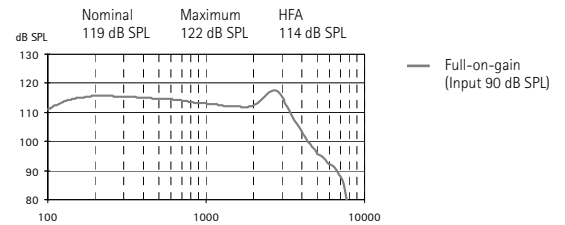
Dynamic data

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

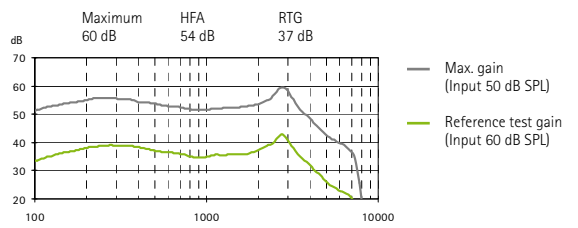
2cm³ coupler data

ANSI S3.22-2009

Output sound pressure level

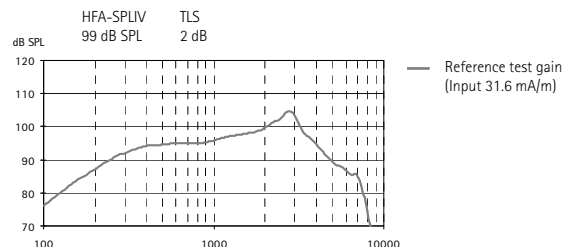


Acoustic gain



| | | | |
|------------------------------|--------------------|--------|---------|
| Frequency range | < 100 Hz - 7200 Hz | | |
| Total harmonic distortion | 500 Hz | 800 Hz | 1600 Hz |
| | 1% | 1% | 1% |
| Equivalent input noise level | 19 dB SPL | | |

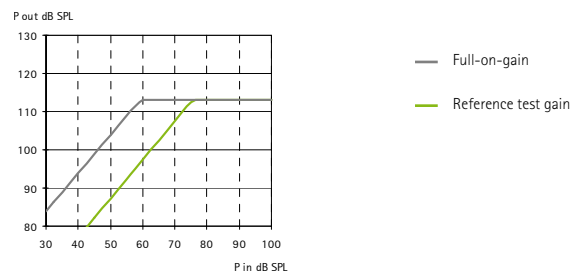
Induction coil sensitivity



Dynamic data

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

Input / Output characteristics at 2000 Hz



Technical Data

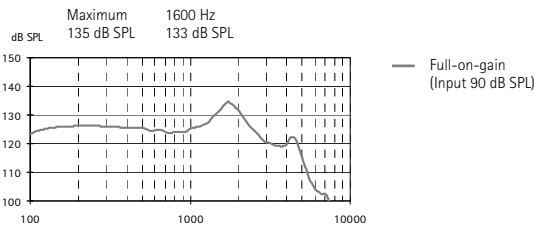
Phonak Ambra 312 UZ (UP)

(available in specific countries only)

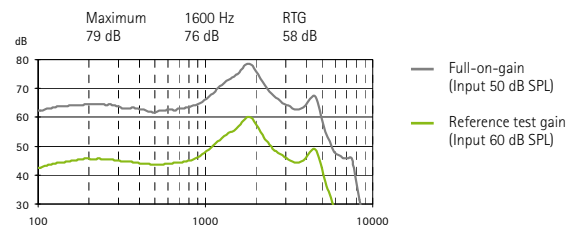
Ear simulator data

EN / IEC 60118 and IEC 60711

Output sound pressure level

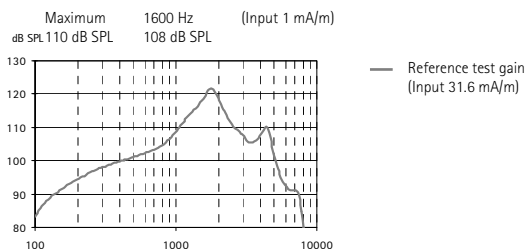


Acoustic gain



| | | | |
|------------------------------|------------------|---------|---------|
| Frequency range | 100 Hz - 5000 Hz | | |
| Total harmonic distortion | 500 Hz | 800 Hz | 1600 Hz |
| | 1.5% | 1.5% | 1% |
| Battery current | Quiescent | Working | |
| | 1.1 mA | 1.2 mA | |
| Equivalent input noise level | 19 dB SPL | | |

Induction coil sensitivity



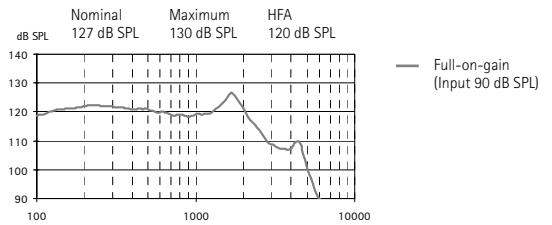
Dynamic data

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

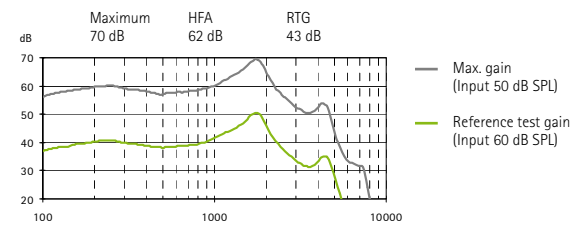
2cm³ coupler data

ANSI S3.22-2009

Output sound pressure level

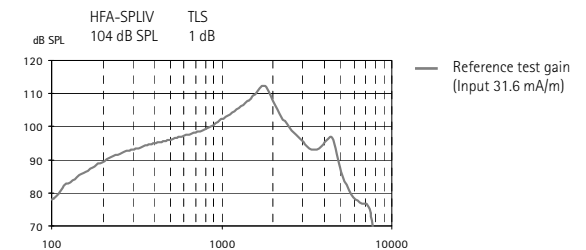


Acoustic gain



| | | | |
|------------------------------|-------------------|--------|---------|
| Frequency range | <100 Hz - 5500 Hz | | |
| Total harmonic distortion | 500 Hz | 800 Hz | 1600 Hz |
| | 1% | 1% | 1% |
| Equivalent input noise level | 19 dB SPL | | |

Induction coil sensitivity



Dynamic data

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

Input / Output characteristics at 2000 Hz

