### Technical Data

**Phonak Naída V**

WaterResistant Receiver-In-Canal (RIC) instrument with size 13 battery (for fitting range, product details and available options, please see the Product Information or visit www.phonakpro.com)

Phonak Naída V-RIC instruments can be fitted with a Ultra power (xUP), power (xP) or standard (xS) receiver.

### Ear simulator data

**ANSI/ASA S3.22-2014**

**IEC 60118-0: 2015**

#### Output sound pressure level

<table>
<thead>
<tr>
<th>Frequency</th>
<th>500 Hz</th>
<th>800 Hz</th>
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<tbody>
<tr>
<td>Total harmonic distortion</td>
<td>2%</td>
<td>1.5%</td>
<td>1%</td>
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#### Induction coil sensitivity

<table>
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<tbody>
<tr>
<td>Reference test gain (Input 31.6 mA/m)</td>
<td>130 dB SPL</td>
<td>124 dB SPL</td>
<td>118 dB SPL</td>
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### 2cm³ coupler data

**ANSI/ASA S3.22-2014**

**IEC 60118-0: 2015**

#### Output sound pressure level

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### Notes

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 affect the actual performance with naturally occurring broadband input signals.

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Ear simulator data
IEC 60118-0: 1994

Output sound pressure level

![Graph of Output sound pressure level]

**Maximum**
- 1600 Hz: 132 dB SPL
- Full on gain (Input 90 dB SPL):
- 131 dB SPL

**Frequency range**
- <100 Hz - 6400 Hz

**Total harmonic distortion**
- 500 Hz: 1.5%
- 800 Hz: 1.5%
- 1600 Hz: 1.5%

**Battery current**
- Quiescent: 1.1 mA
- Working: 1.2 mA

**Equivalent input noise level**
- 19 dB SPL

**Acoustic gain**

![Graph of Acoustic gain]

**Maximum**
- 60 dB: 62.4 dB
- 1600 Hz: 55 dB
- RTG: 55 dB

**Reference test gain**
- (Input 60 dB SPL)

**Frequency range**
- <100 Hz - 6600 Hz

**Total harmonic distortion**
- 500 Hz: 1%
- 800 Hz: 1%
- 1600 Hz: 1%

**Reference test setting**
- (Input 31.6 mA/m)

**Induction coil sensitivity**

![Graph of Induction coil sensitivity]

**Maximum**
- 97 dB SPL: 94 dB SPL
- (Input 1 mA/m)

**Reference test setting**
- (Input 31.6 mA/m)

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 affect the actual performance with naturally occurring broadband input signals.

2cm³ coupler data
ANSI/ASA S3.22-2014
IEC 60118-0: 2015

Output sound pressure level

![Graph of Output sound pressure level]

**Maximum**
- HFA:
- 124 dB SPL
- 120 dB SPL
- Full on gain (Input 90 dB SPL):
- 119 dB SPL

**Frequency range**
- <100 Hz - 6600 Hz

**Reference test setting**
- (Input 60 dB SPL)

**Total harmonic distortion**
- 500 Hz: 1%
- 800 Hz: 1%
- 1600 Hz: 1%

**Battery current**
- 1.2 mA

**Equivalent input noise level**
- 19 dB SPL

**Induction coil sensitivity**

![Graph of Induction coil sensitivity]

**HFA-SP/LIV**
- RTLS/ETLS
- 102 dB SPL - 1 dB

**Reference test setting**
- (Input 31.6 mA/m)
Technical Data

Phonak Naída V

Phonak Naída V-RIC (V90/V70/V50/V30) (xS)

WaterResistant Receiver-In-Canal (RIC) instrument with size 13 battery (for fitting range, product details and available options, please see the Product Information or visit www.phonakpro.com)

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Ear simulator data
IEC 60118-0: 1994

Output sound pressure level

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<th>RTG</th>
</tr>
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<tbody>
<tr>
<td>1600 Hz</td>
<td>122 dB SPL</td>
<td>113 dB SPL</td>
<td>111 dB SPL</td>
</tr>
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</table>

Acoustic gain

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<tr>
<td>1600 Hz</td>
<td>56 dB</td>
<td>45 dB</td>
<td>38 dB</td>
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Total harmonic distortion

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<tbody>
<tr>
<td>1.5%</td>
<td>2%</td>
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Battery current

<table>
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<tr>
<th>Condition</th>
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<tbody>
<tr>
<td>Quiescent</td>
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<td>Working</td>
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Equivalent input noise level 19 dB SPL

Induction coil sensitivity

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<th>Frequency</th>
<th>Maximum</th>
<th>HFA-SPLIV</th>
<th>Reference test setting</th>
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<tbody>
<tr>
<td>1600 Hz</td>
<td>85 dB SPL</td>
<td>73 dB SPL</td>
<td>89 dB SPL</td>
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<tr>
<td>1600 Hz</td>
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Acoustic gain

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<tr>
<td>1600 Hz</td>
<td>46 dB</td>
<td>37 dB</td>
<td>29 dB</td>
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Total harmonic distortion

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Battery current 1.2 mA

Equivalent input noise level 19 dB SPL

HFA-SPLIV RTLS/ETLS 89 dB SPL 0 dB

Reference test setting (Input 31.6 mA/m)