

# Nios micro

## Nios micro III

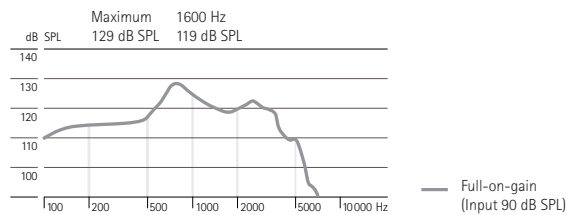
### Technical Data



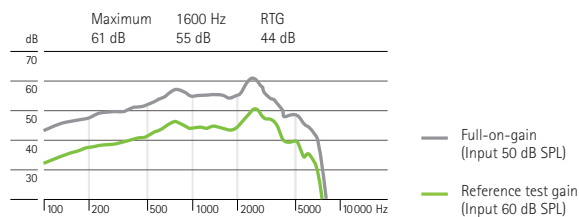
### Ear simulator data

EN / IEC 60118 and IEC 60711

#### Output sound pressure level

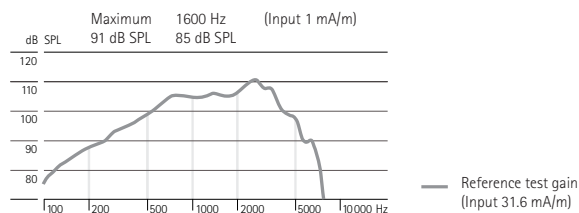


#### Acoustic gain



|                              |                   |         |         |
|------------------------------|-------------------|---------|---------|
| Frequency range              | <100 Hz – 7200 Hz |         |         |
| Total harmonic distortion    | 500 Hz            | 800 Hz  | 1600 Hz |
|                              | 0.5%              | 0.5%    | 1.0%    |
| Battery current              | Quiescent         | Working |         |
|                              | 1.2 mA            | 1.3 mA  |         |
| Equivalent input noise level | 19 dB SPL         |         |         |

#### Induction coil sensitivity



#### Dynamic data

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

Small moderate power microBTE, battery size 13 with digital AudioZoom especially designed for children between 0 and 18 years (for fitting range, product details, and available options, please see "Nios micro Product Information" or visit [www.phonak.com](http://www.phonak.com)).

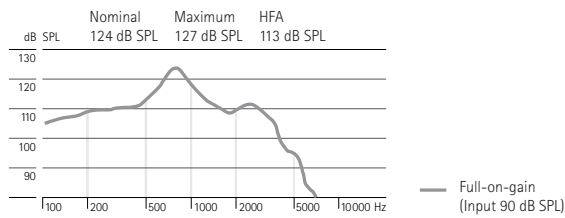
Unless otherwise specified, all data obtained are measured in a closed configuration with a straight measurement micro tube (Art. No. 004-1393) and a coupling disc (Art. No. 002-0412) onto a HA-1 coupler (ANSI-S3.7-1995) or an occluded-ear simulator (EN 60711, coupling arrangement according to fig. 4 in the test standard), and in the iPFG measurement settings. For further information refer to the Fit'nGo micro Kit instructions.

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 reflect the actual performance with naturally occurring broadband input signals.

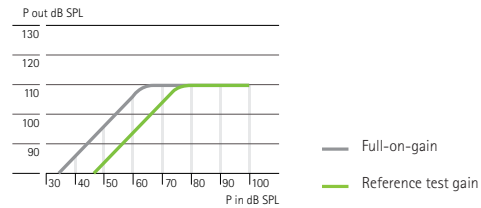
## 2cm<sup>3</sup> coupler data

ANSI S3.22-2003

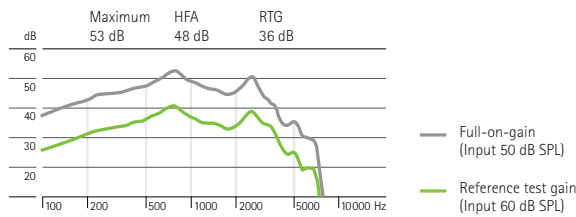
### Output sound pressure level



### Input / Output characteristics at 2000 Hz

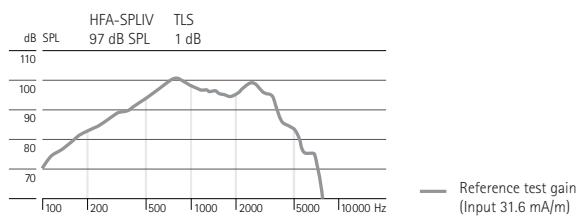


### Acoustic gain



|                              |                   |        |         |
|------------------------------|-------------------|--------|---------|
| Frequency range              | <100 Hz – 7100 Hz |        |         |
| Total harmonic distortion    | 500 Hz            | 800 Hz | 1600 Hz |
|                              | 0.5%              | 0.5%   | 0.5%    |
| Equivalent input noise level | 19 dB SPL         |        |         |

### Induction coil sensitivity



### Dynamic data

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