



# Lyric3

Lyric3 is a hearing aid that is worn deep inside the ear canal and stays there for-months-at-a-time. It is 100% invisible and no handling by the end-user is required. Lyric3 can be controlled using the Lyric SoundLync.

Note: In addition to the norm measurements, which could be used for incoming inspection, we provide measurements using a 0.4 cm<sup>3</sup> coupler. These values are much closer to the actual response since the estimated residual volume when Phonak Lyric is in the ear is 0.3 cm<sup>3</sup>.

Lyric3 is designed for single insertion. Do not reuse a hearing aid once removed from the ear.

For fitting range, product details and available options please see "Lyric3 Product Information" or visit [www.phonakpro.com](http://www.phonakpro.com).

Measurement Settings (0.4 cm<sup>3</sup> coupler):

Full-on gain:

Volume: 11; Output compression control: Max output;

Low frequency cut: 200Hz; Slope control: Off

Reference test gain:

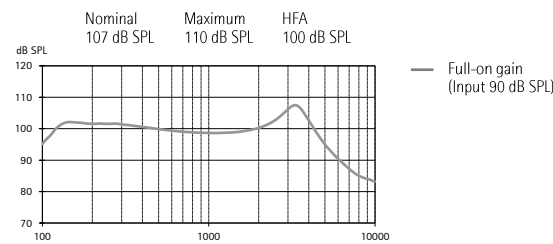
Volume: 5; Output compression control: Max output;

Low frequency cut: 200Hz; Slope control: Off

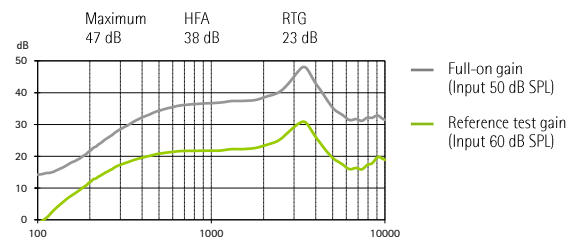
## 0.4cm<sup>3</sup> coupler data

FRYE CIC coupler

### Output sound pressure level



### Acoustic gain



Frequency range	120 Hz - > 10000 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	1.5%	1%	1%
Equivalent input noise level	26 dB SPL		

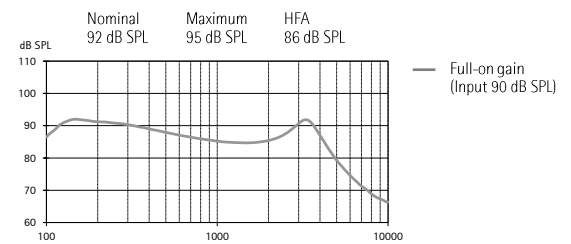
### Dynamic data

Compression	Attack time	Recovery time
	2 ms	10 ms

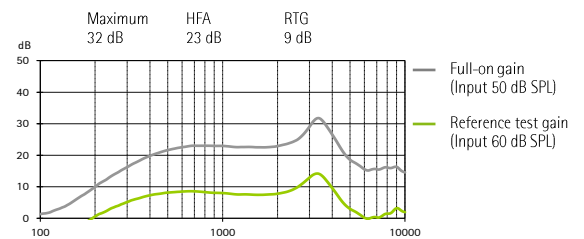
## 2cm<sup>3</sup> coupler data

ANSI S3.22-2009

### Output sound pressure level



### Acoustic gain

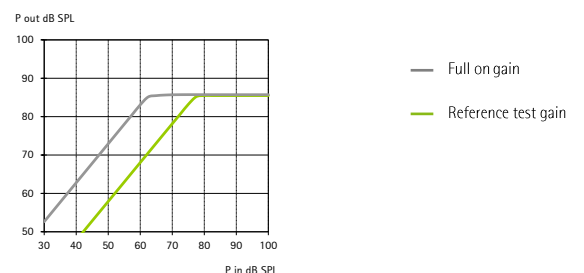


Frequency range	140 Hz - > 10000 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	1.5%	1%	1%
Equivalent input noise level	30 dB SPL		

### Dynamic data

Compression	Attack time	Recovery time
	2 ms	10 ms

### Input / Output characteristics at 2000 Hz



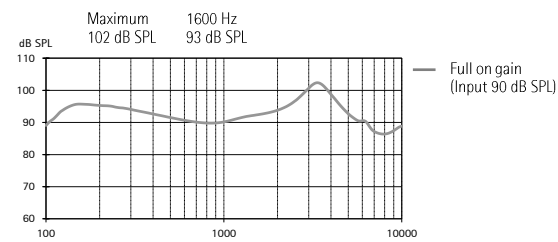


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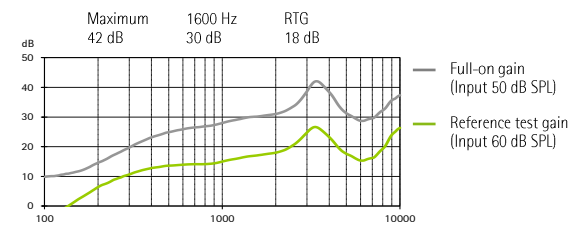
## Ear simulator data

EN / IEC 60118 and IEC 60711

### Output sound pressure level



### Acoustic gain



Frequency range	150 Hz - > 10000 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	2%	2%	2%
Equivalent input noise level	30 dB SPL		

### Dynamic data

Compression	Attack time	Recovery time
	2 ms	10 ms

