

Lyric²

Lyric² 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. Lyric² can be controlled using the Lyric SoundLync. Lyric² is designed for single insertion. Do not reuse a Lyric² hearing aid once removed from the ear.

Note: In addition to the normative measurements, which can be used for incoming inspection, we provide measurements using a 0.4 cm³ coupler. These values are much closer to the actual response, since the estimated residual volume of the ear canal when Lyric² is in the ear is 0.3 cm³.

For fitting range, product details and available options please see "Lyric Product Information" or visit www.phonakpro.com.

Measurement settings:

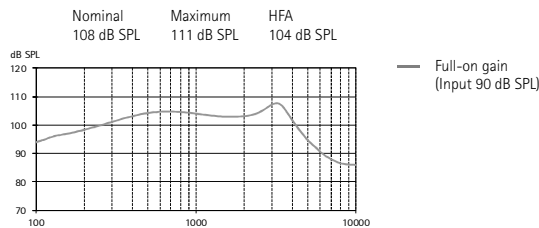
Full-on gain: LFC:200 Hz; HFB:ON; VOL:7; SLG: MAX

Reference test gain: LFC:200 Hz; HFB:ON; VOL:4; SLG: HIGH

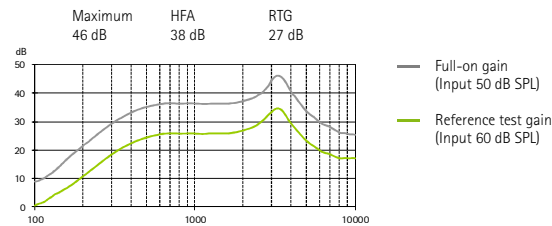
0.4 cm³ coupler data

FRYE CIC Coupler

Output sound pressure level



Acoustic gain



| | | | |
|------------------------------|--------------------|--------|---------|
| Frequency range | 160 Hz - >10000 Hz | | |
| Total harmonic distortion | 500 Hz | 800 Hz | 1600 Hz |
| | 1.5% | 1% | 1% |
| Equivalent input noise level | 26 dB SPL | | |

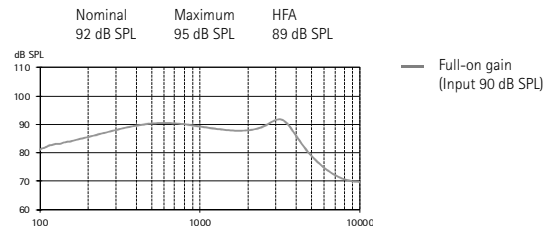
Dynamic data

| | | |
|-------------|-------------|---------------|
| Compression | Attack time | Recovery time |
| | 5 ms | 90 ms |

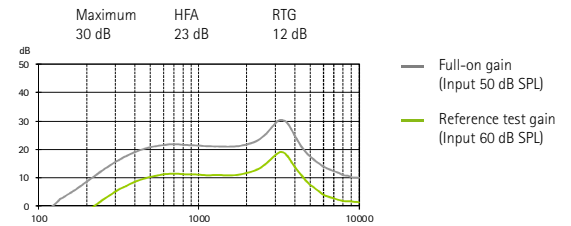
2 cm³ coupler data

ANSI S3.22-2009

Output sound pressure level



Acoustic gain

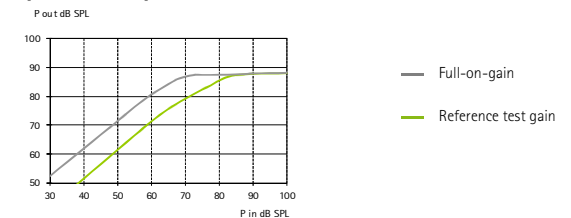


| | | | |
|------------------------------|--------------------|--------|---------|
| Frequency range | 140 Hz - >10000 Hz | | |
| Total harmonic distortion | 500 Hz | 800 Hz | 1600 Hz |
| | 1.5% | 1% | 1% |
| Equivalent input noise level | 28 dB SPL | | |

Dynamic data

| | | |
|-------------|-------------|---------------|
| Compression | Attack time | Recovery time |
| | 5 ms | 90 ms |

Input / Output characteristics at 2000 Hz

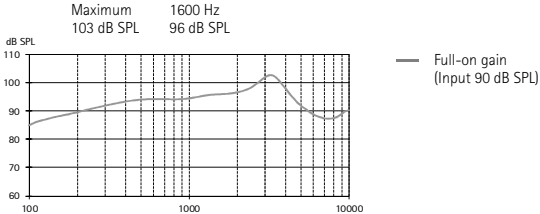


Lyric²

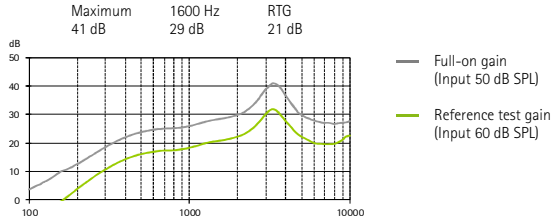
Ear simulator data

EN / IEC 60118 and IEC 60711

Output sound pressure level



Acoustic gain



| | | | |
|------------------------------|--------------------|--------|---------|
| Frequency range | 220 Hz - >10000 Hz | | |
| Total harmonic distortion | 500 Hz | 800 Hz | 1600 Hz |
| | 1.5% | 1.5% | 1.5% |
| Equivalent input noise level | 30 dB SPL | | |

Dynamic data

| | | |
|-------------|-------------|---------------|
| Compression | Attack time | Recovery time |
| | 3 ms | 60 ms |

