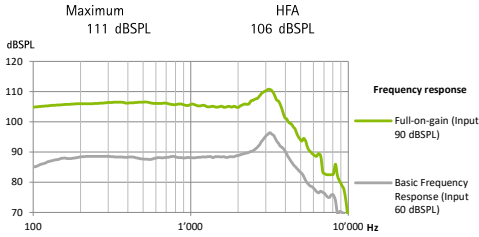# Phonak Audéo™ L

Phonak Audéo L–R (L90/L70/L50/L30/Trial)
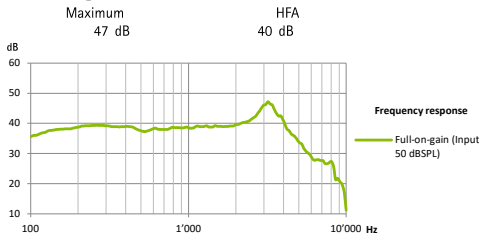
S Receiver
2 cm³ coupler data

ANSI / ASA S3.22-2014 (R2020)
IEC 60118-0 : 2022
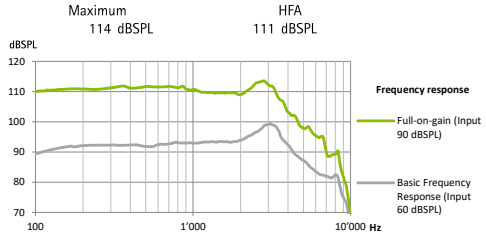
Output sound pressure level

Maximum	HFA
111 dBSPL	106 dBSPL

Frequency response

Full-on-gain (Input 90 dBSPL)

Basic Frequency Response (Input 60 dBSPL)

Acoustic gain

Maximum	HFA
47 dB	40 dB

Frequency response

Full-on-gain (Input 50 dBSPL)

Frequency range	<100 Hz – >8000 Hz			
Total harmonic distortion	500 Hz	800 Hz	1600 Hz	3200 Hz
	1.5%	2.0%	2.0%	1.0%
Expected operating time*	18	h		
Equivalent input noise level	19	dBSPL		

M Receiver
2 cm³ coupler data

ANSI / ASA S3.22-2014 (R2020)
IEC 60118-0 : 2022

Output sound pressure level

Maximum	HFA
114 dBSPL	111 dBSPL

Frequency response

Full-on-gain (Input 90 dBSPL)

Basic Frequency Response (Input 60 dBSPL)

Acoustic gain

Maximum	HFA
51 dB	46 dB

Frequency response

Full-on-gain (Input 50 dBSPL)
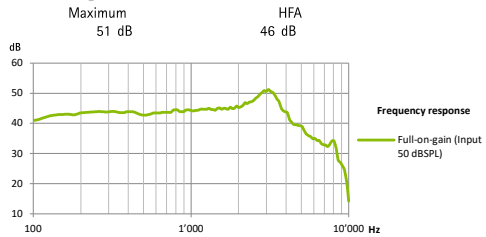
Frequency range	<100 Hz – >8000 Hz			
Total harmonic distortion	500 Hz	800 Hz	1600 Hz	3200 Hz
	1.5%	2.0%	2.0%	1.0%
Expected operating time*	18	h		
Equivalent input noise level	19	dBSPL		

General test information
- Specific measurement settings are used. RTS adjustment with volume control
- The device is operating in linear mode
- Low-level expansion is active
- All data obtained are measured with Phonak Target measurement settings
- The latency of the audio signal determined according an internal standard is 6.2 ms

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Warnings

⚠ This hearing instrument has an output sound pressure level that can exceed 132 dB SPL. Special care should be taken when fitting this instrument as there is a risk of impairing the residual hearing of the user.

⚠ Changes or modifications to the hearing aid that are not explicitly approved by the manufacturer are not permitted. Such changes may damage the ear or the hearing aid.

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* Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment.

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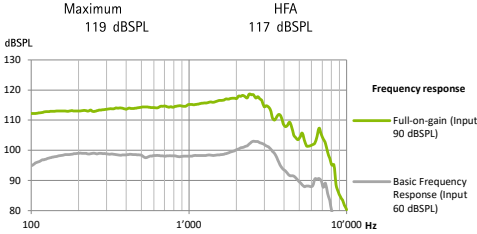life is on

Phonak Audéo™ L

Phonak Audéo L–R (L90/L70/L50/L30/Trial)

MAV Receiver
2 cm³ coupler data

ANSI / ASA S3.22–2014 (R2020)
IEC 60118-0 : 2022

Output sound pressure level

Maximum — 119 dBSPL
HFA — 117 dBSPL

Full-on-gain (Input 90 dBSPL)
Basic Frequency Response (Input 60 dBSPL)

Acoustic gain

Maximum — 50 dB
HFA — 46 dB

Full-on-gain (Input 50 dBSPL)

Frequency range	<100 Hz – >8000 Hz			
Total harmonic distortion	500 Hz	800 Hz	1600 Hz	3200 Hz
	1.5%	1.5%	1.0%	1.0%
Expected operating time*	18	h		
Equivalent input noise level	19	dBSPL		

P Receiver
2 cm³ coupler data

ANSI / ASA S3.22–2014 (R2020)
IEC 60118-0 : 2022

Output sound pressure level

Maximum — 122 dBSPL
HFA — 120 dBSPL

Full-on-gain (Input 90 dBSPL)
Basic Frequency Response (Input 60 dBSPL)

Acoustic gain

Maximum — 59 dB
HFA — 56 dB

Full-on-gain (Input 50 dBSPL)
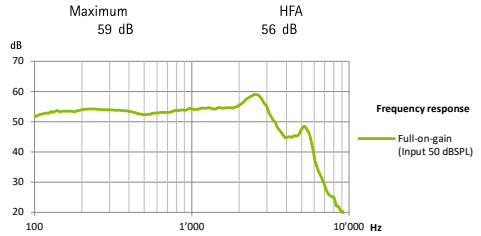
Frequency range	<100 Hz – 6300 Hz			
Total harmonic distortion	500 Hz	800 Hz	1600 Hz	3200 Hz
	1.0%	1.5%	1.0%	1.0%
Expected operating time*	18	h		
Equivalent input noise level	19	dBSPL		

* Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment.

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Phonak Audéo™ L

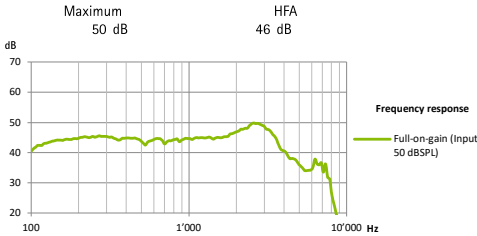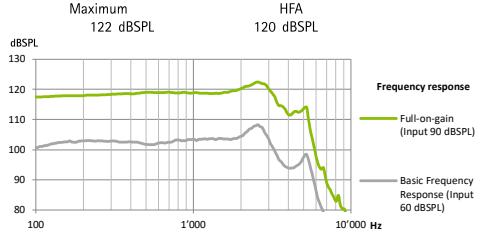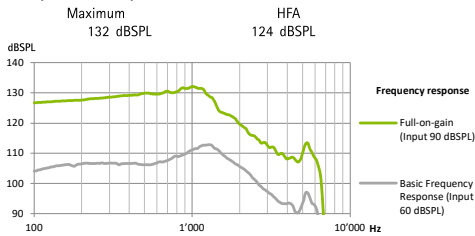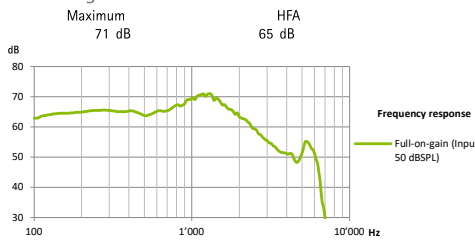## Phonak Audéo L–R (L90/L70/L50/L30/Trial)

UP Receiver
2 cm^3 coupler data

ANSI / ASA S3.22-2014 (R2020)
IEC 60118-0 : 2022

Output sound pressure level

Maximum	HFA
132 dBSPL	124 dBSPL

Frequency response

— Full-on-gain (Input 90 dBSPL)

— Basic Frequency Response (Input 60 dBSPL)

Acoustic gain

Maximum	HFA
71 dB	65 dB

Frequency response

— Full-on-gain (Input 50 dBSPL)

Frequency range	<100 Hz – 6100 Hz			
Total harmonic distortion	500 Hz	800 Hz	1600 Hz	3200 Hz
	1.5%	1.5%	1.0%	1.0%
Expected operating time*	18	h		
Equivalent input noise level	19	dBSPL		

* Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment.

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