Phonak Slim™ L-R

Technical Data



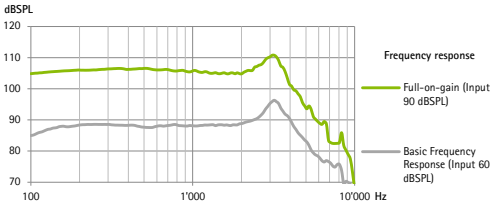
Phonak Slim L-R (L90/L70/Trial)

S Receiver
2 cm^3 coupler data

ANSI / ASA S3.22-2014
IEC 60118-0 : 2015

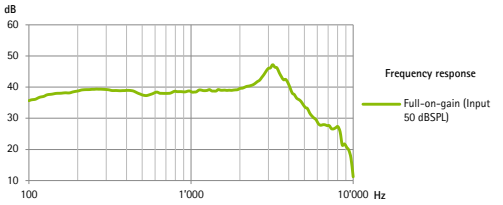
Output sound pressure level

Maximum 111 dBSPL
HFA 106 dBSPL



Acoustic gain

Maximum 47 dB
HFA 40 dB



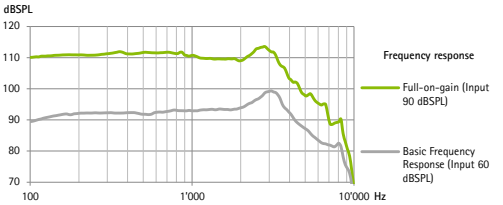
Frequency range	<100 Hz - >8000 Hz				
Total harmonic distortion	500 Hz	800 Hz	1600 Hz	3200 Hz	
	1.5%	2.0%	2.0%	1.0%	
Expected operating time*	18	h			
Equivalent input noise level	19	dBSPL			

M Receiver
2 cm^3 coupler data

ANSI / ASA S3.22-2014
IEC 60118-0 : 2015

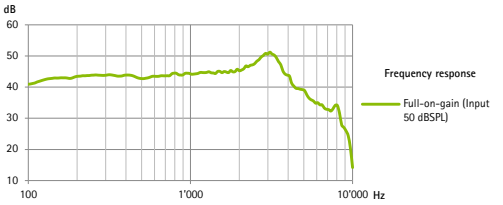
Output sound pressure level

Maximum 114 dBSPL
HFA 111 dBSPL



Acoustic gain

Maximum 51 dB
HFA 46 dB



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 deterined is 6.2 ms according to an internal standard

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.

* 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 Slim™ L-R

Technical Data

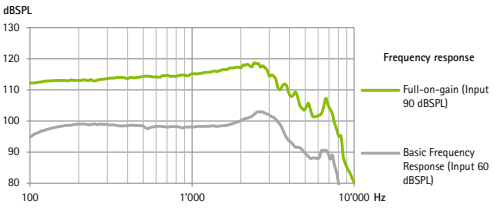
Phonak Slim L-R (L90/L70/Trial)

MAV Receiver
2 cm^3 coupler data

ANSI / ASA S3.22-2014
IEC 60118-0 : 2015

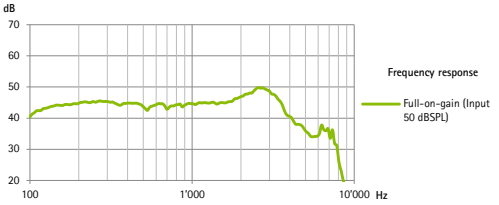
Output sound pressure level

Maximum 119 dBSPL | HFA 117 dBSPL



Acoustic gain

Maximum 50 dB | HFA 46 dB



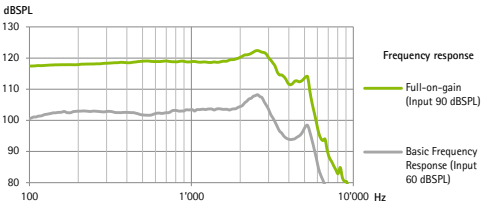
Frequency range	<100 Hz - >8000 Hz				
Total harmonic distortion	500 Hz	800 Hz	1600 Hz	3200 Hz	
	1.5%	1.5%	1.0%	1.0%	
Expected operating time*	18	h			
Equivalent input noise level	19	dBSPL			

P Receiver
2 cm^3 coupler data

ANSI / ASA S3.22-2014
IEC 60118-0 : 2015

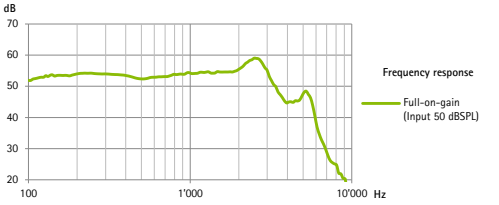
Output sound pressure level

Maximum 122 dBSPL | HFA 120 dBSPL



Acoustic gain

Maximum 59 dB | HFA 56 dB



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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