

Unitron Insera™ S-R

Technical data

Insera S-R (S9/S7/S5/S3/S1)

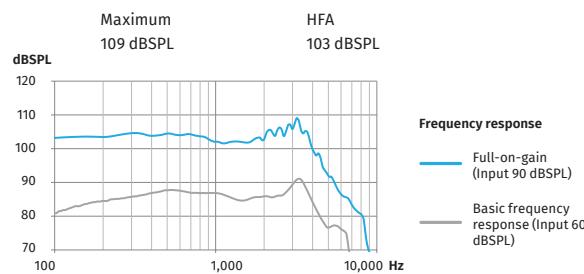
M Receiver

2 cm³ coupler data

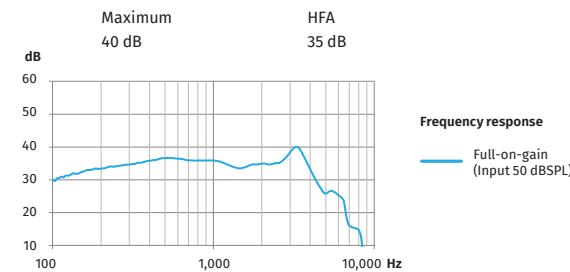
ANSI / ASA S3.22-2014 (R2020)

IEC 60118-0 : 2022

Output sound pressure level



Acoustic gain



Frequency range	<100 Hz - 7000 Hz			
Total harmonic distortion	500 Hz	800 Hz	1600 Hz	3200 Hz
1.0%				
Expected operating time*	18 h			
Equivalent input noise level	19 dB SPL			

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

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 5 mm tubing and Unitron TrueFit™ measurement settings
- The latency of the audio signal determined according to an internal standard is 6.2 ms

Warnings

 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.

 The developed SPL in the ears of children can be substantially higher than in average adults. RECD measured to correct target of fitted OSPL90 is recommended.



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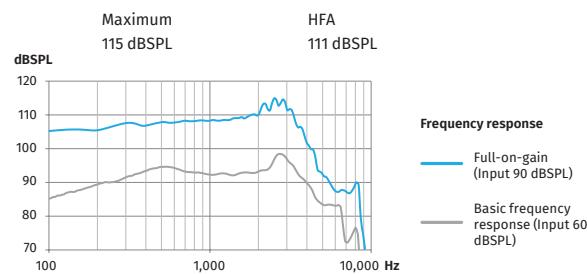
P Receiver

2 cm³ coupler data

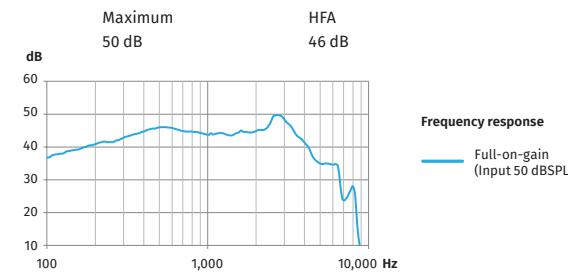
ANSI / ASA S3.22-2014 (R2020)

IEC 60118-0 : 2022

Output sound pressure level



Acoustic gain



Frequency range	<100 Hz - 6700 Hz			
Total harmonic distortion	500 Hz	800 Hz	1600 Hz	3200 Hz
1.0%				
Expected operating time*	18 h			
Equivalent input noise level	19 dB SPL			

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Technical data

Insera S-R (S9/S7/S5/S3/S1)

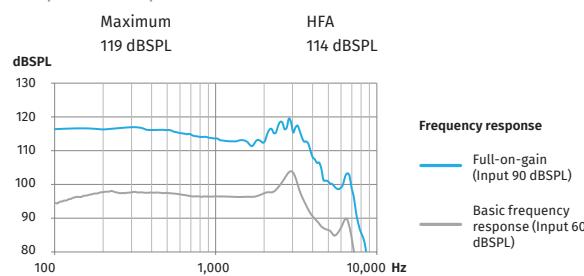
SP Receiver

2 cm³ coupler data

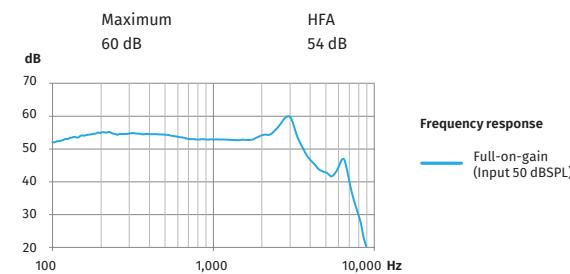
ANSI / ASA S3.22-2014 (R2020)

IEC 60118-0 : 2022

Output sound pressure level



Acoustic gain



Frequency range	<100 Hz - 7000 Hz			
Total harmonic distortion	500 Hz	800 Hz	1600 Hz	3200 Hz
	1.0%	1.0%	1.0%	1.0%
Expected operating time*	18 h			
Equivalent input noise level	19 dB SPL			

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

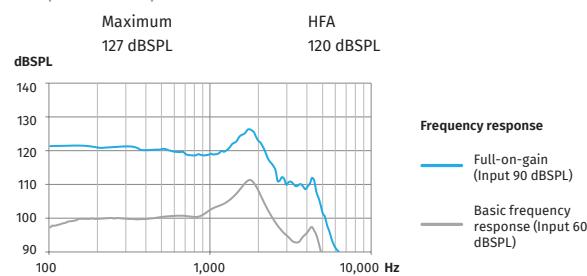
UP Receiver

2 cm³ coupler data

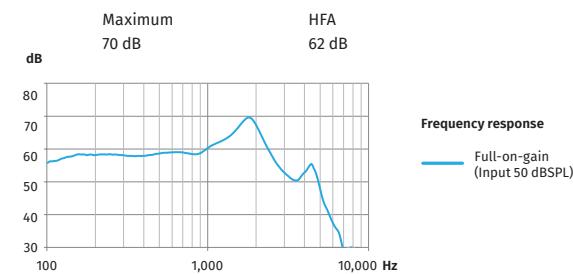
ANSI / ASA S3.22-2014 (R2020)

IEC 60118-0 : 2022

Output sound pressure level



Acoustic gain



Frequency range	<100 Hz - 5200 Hz			
Total harmonic distortion	500 Hz	800 Hz	1600 Hz	3200 Hz
	1.0%	1.0%	1.0%	1.0%
Expected operating time*	18 h			
Equivalent input noise level	19 dB SPL			



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