

●● rega R

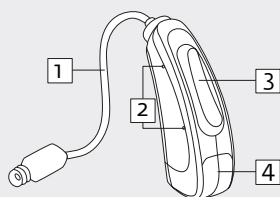


- 10k HD Sound
- Scene Detect
- Adaptive Sound Zoom
- Sound Zoom
- Adaptive Noise Guard
- Expansion (Squelch)
- Machine Noise Guard
- Wind Shield
- Adaptive Feedback Guard
- Feedback Check
- 18 WDRC-Channels
- Multi Channel MPO
- Up to 4 Programs
- Rocker Switch (programmable)
- Low Battery Indicator
- Start-up Delay
- Auto T-Coil/Auto Phone
- T-Coil
- Tinnitus-Module
- Data Logging
- Live View
- MySound!
- Water repellent coating
- Option: Power Sleeve
- Zubehör: Receiver Unit S/M, Domes, Concha Clip, Wax Guard

Technical Data

	EN 60118-7:2005 (2 cm ³ -coupler)		EN 60118-0/A1:1994 (Ear Simulator)		ANSI S3.22-2009 (2 cm ³ -coupler)	
	Receiver Unit S	Receiver Unit M	Receiver Unit S	Receiver Unit M	Receiver Unit S	Receiver Unit M
Operating Voltage	1.30 V	1.30 V	1.30 V	1.30 V	1.30 V	1.30 V
Acoustic Gain (50 dB SPL)						
HFA	38 dB	52 dB	–	–	38 dB	52 dB
1600 Hz	–	–	47 dB	60 dB	–	–
Peak Value	45 dB	55 dB	56 dB	66 dB	45 dB	55 dB
Max. Output (90 dB SPL)						
HFA	106 dB SPL	115 dB SPL	–	–	106 dB SPL	115 dB SPL
1600 Hz	–	–	115 dB SPL	124 dB SPL	–	–
Peak Value	111 dB SPL	117 dB SPL	122 dB SPL	128 dB SPL	111 dB SPL	117 dB SPL
Reference Test Gain	29 dB	38 dB	38 dB	46 dB	29 dB	38 dB
Induction Coil Sensitivity	60 dB	73 dB	69 dB	79 dB	90 dB	102 dB
Frequency Range	100 Hz–9500 Hz	100 Hz–9500 Hz	100 Hz–9500 Hz	100 Hz–9800 Hz	100 Hz–9500 Hz	100 Hz–9500 Hz
Total Harmonic Distortions						
500/800/1600 Hz	2/2/2 %	1/2/1 %	2/3/2 %	2/3/1 %	2/2/2 %	1/2/1 %
Equivalent Input Noise	14 dB	24 dB	25 dB	25 dB	24 dB	24 dB
Battery Current	1.35 mA	1.55 mA	1.28 mA	1.32 mA	1.35 mA	1.55 mA
Battery Type	312	312	312	312	312	312
Average Battery Life (Zinc-Air)	110 h	90 h	110 h	90 h	110 h	90 h
Tinnitusmasker[®]						
Noise Level (RMS)	101	108	111	118	101	108
Frequency Range	100 Hz–8000 Hz	100 Hz–8000 Hz	100 Hz–8000 Hz	100 Hz–8000 Hz	100 Hz–8000 Hz	100 Hz–8000 Hz

* Only when Tinnitus-Module is activated in audifit.



- 1 Receiver Unit
- 2 Microphones
- 3 Rocker switch
- 4 Battery compartment

Standard



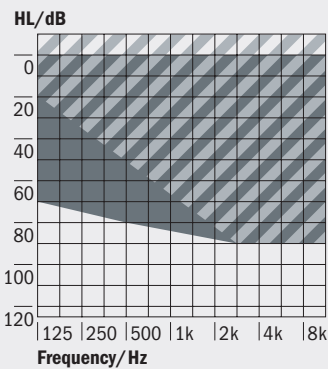
Programming

Cable: Cable set H or I
 Battery: without Battery
 Progr.-Box: HI-PRO/HI-PRO II
 HI-PRO USB
 NOAHlink
 Software: audifit 5.5

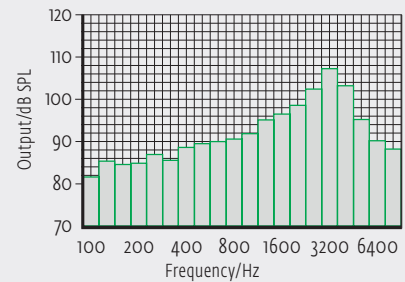


●● **rega R** (Receiver Unit S)

Fitting Range



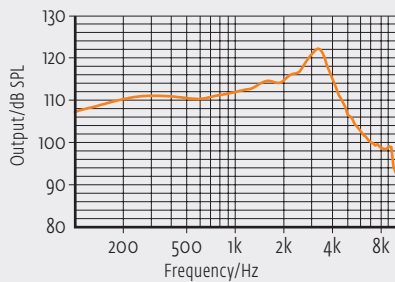
Third Octave Band Noise*



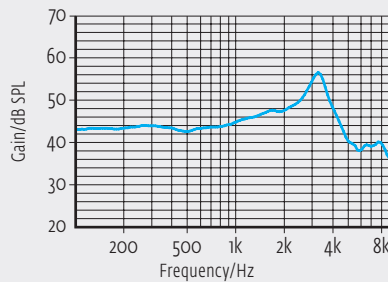
* All curves are measured with 2 cm³-coupler (EN 60318-4:2010). Only when Tinnitus-Module is activated in audifit.

All curves are measured with Ear Simulator (EN 60318-4:2010) in reference setting.

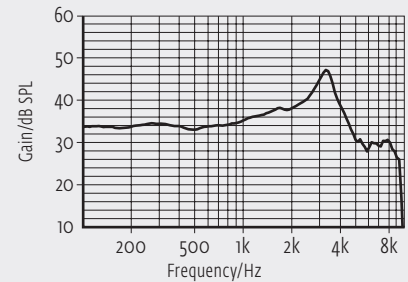
Maximum Output



Acoustic Gain

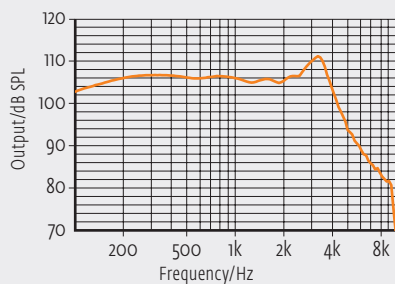


Frequency Response (RTG)

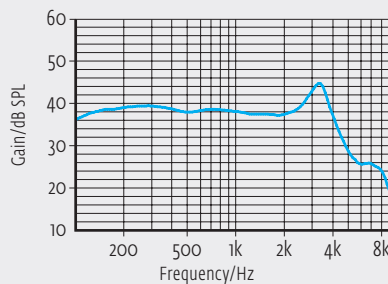


All curves are measured with 2 cm³-coupler (EN 60318-5:2006) in reference setting.

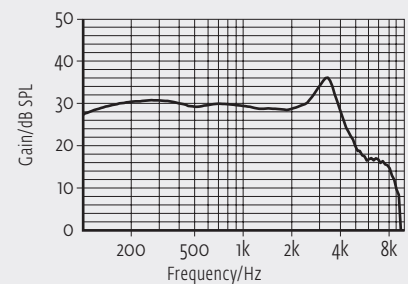
Maximum Output



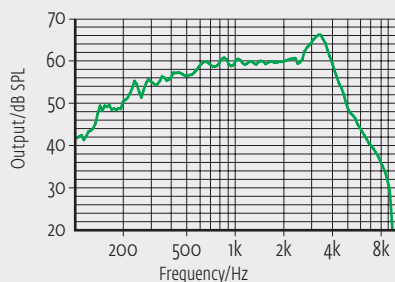
Acoustic Gain



Frequency Response (RTG)



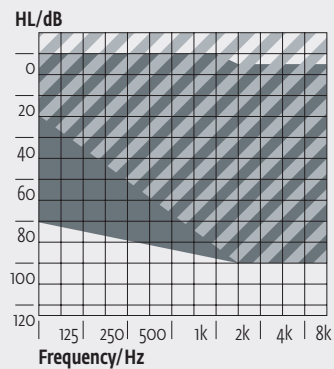
Induction Coil Sensitivity



On account of the complex signal processing, the measurements of the represented curves are only possible in default setting of the device and under use of the current valid software version. Effects of the separate parameters see software.

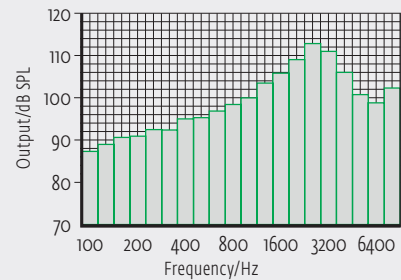
●● **rega R** (Receiver Unit M)

Fitting Range



The shaded area applies to the rega R with open dome.

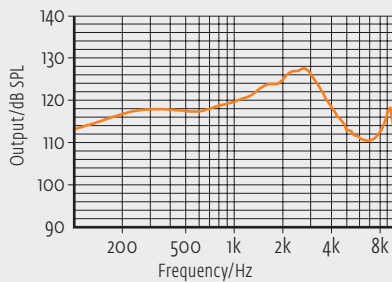
Third Octave Band Noise**



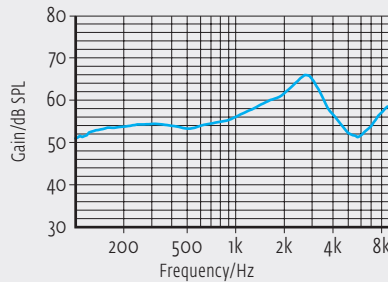
** All curves are measured with 2 cm³-coupler (EN 60318-4:2010). Only when Tinnitus-Module is activated in audifit.

All curves are measured with 2 cm³-coupler (EN 60318-4:2010) in reference setting.

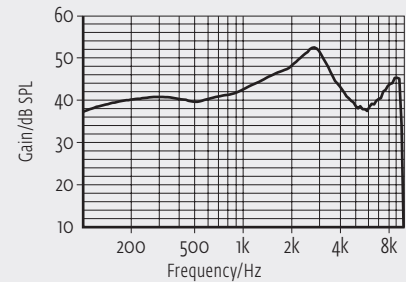
Maximum Output



Acoustic Gain

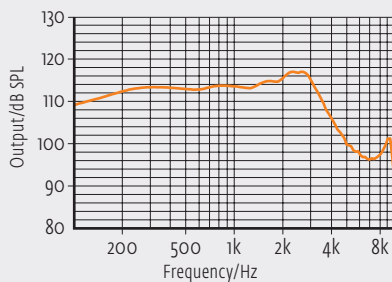


Frequency Response (RTG)

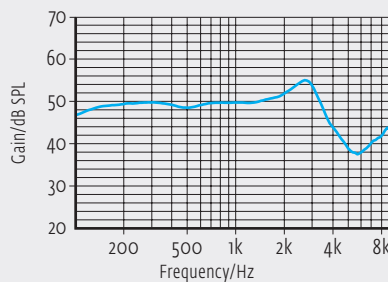


All curves are measured with 2 cm³-coupler (EN 60318-5:2006) in reference setting.

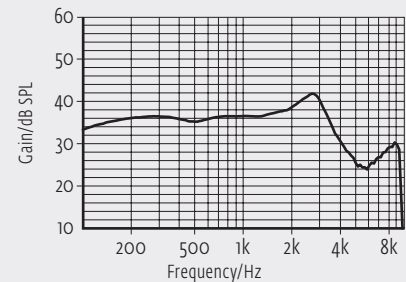
Maximum Output



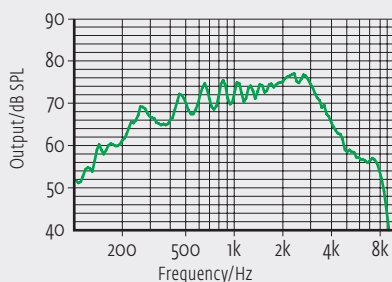
Acoustic Gain



Frequency Response (RTG)



Induction Coil Sensitivity



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