



- Wireless CROS/BICROS
- easyclick
- Sound Dynamix
- sound resync
- Adaptive Directional Microphone (ADM)
- Adaptive Feedback Cancellation (AFC<sup>2</sup>)
- Adaptive Noise Reduction (ANR)
- Notch Filter (manual)
- Expansion (Squelch)
- T-Coil
- Number of Programs: 4\*
- Data Logging
- Rocker switch (programmable)
- nanoShield
- Auto T-Coil\*\* or Auto Phone
- Program Switch Tones (programmable)
- WDRC Channels: 8
- Bands: 16
- Low Battery Indicator (programmable)

\* 4 programs incl. Auto T-Coil/Auto Phone; 6 programs within automatic program \*\* Option only available in BICROS mode

Technical Data	EN 60118-7: 2005 (2 ccm-coupler)		EN 60118-0: 1994 (Ear Simulator)		ANSI S3.22-2003 (2 ccm-coupler)	
	Receiver Unit S	Receiver Unit M	Receiver Unit S	Receiver Unit M	Receiver Unit S	Receiver Unit M
<b>Operating Voltage</b>	1.30 V	1.30 V	1.30 V	1.30 V	1.30 V	1.30 V
<b>Acoustic Gain (50 dB SPL)</b>						
HFA	38 dB	51 dB	–	–	38 dB	51 dB
1600 Hz	–	–	46 dB	59 dB	–	–
Peak Value	45 dB	55 dB	56 dB	65 dB	45 dB	55 dB
<b>Max. Output (90 dB SPL)</b>						
HFA	105 dB SPL	115 dB SPL	–	–	105 dB SPL	115 dB SPL
1600 Hz	–	–	113 dB SPL	123 dB SPL	–	–
Peak Value	110 dB SPL	117 dB SPL	121 dB SPL	127 dB SPL	110 dB SPL	117 dB SPL
<b>Reference Test Gain</b>	28 dB	37 dB	35 dB	44 dB	28 dB	37 dB
<b>Induction Coil Sensitivity</b>	58 dB	76 dB	66 dB	83 dB	88 dB	95 dB
<b>Frequency Range</b>	100 Hz–7700 Hz	100 Hz–8000 Hz	100 Hz–8000 Hz	100 Hz–8000 Hz	100 Hz–7700 Hz	100 Hz–8000 Hz
<b>Total Harmonic Distortions</b>						
500/800/1600 Hz	<2/1/1 %	<2/2/1 %	<2/1/1 %	<3/1/1 %	<2/1/1 %	<2/2/1 %
<b>Equivalent Input Noise<sup>1</sup></b>	20 dB	23 dB	23 dB	19 dB	20 dB	23 dB
<b>Battery Current<sup>2</sup></b>	0.82 mA/3.10 mA	0.83 mA/3.30 mA	0.80 mA/3.10 mA	0.81 mA/3.30 mA	0.82 mA/3.10 mA	0.83 mA/3.30 mA
<b>Battery Type</b>	312	312	312	312	312	312
<b>Average Battery Life (Zinc-Air)<sup>2</sup></b>	170 h/50 h	170 h/40 h	170 h/50h	170 h/40 h	170 h/50 h	170 h/40 h

<sup>1</sup> Expansion (Squelch) = 36 dB SPL <sup>2</sup> with integrated radio link in sleep mode/with integrated radio link in active mode

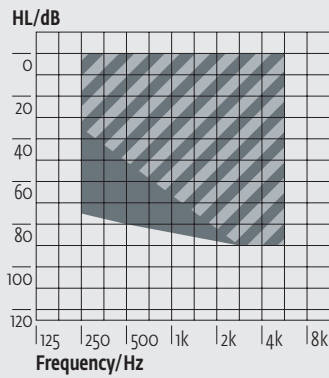
**1 Receiver Unit**  
**2 Microphones**  
**3 Rocker switch**  
**4 Battery compartment**

Standard

**Programming (4pin. System)**

Cable: Cable set H or I  
 Battery: without Battery  
 Progr.-Box: HI-PRO  
               HI-PRO II  
               HI-PRO USB  
               NOAHlink  
 Software: audift 5.3

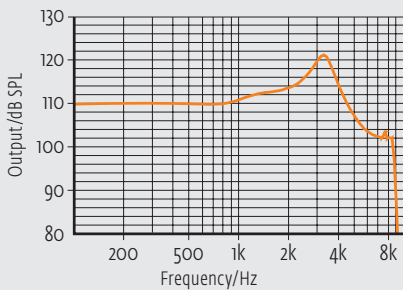
Fitting Range



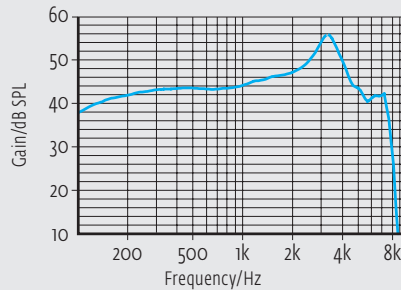
The shaded area applies to the S receiver with closed dome.

These curves are measured with **Ear Simulator (EN 60318-4)**. All sound pressure levels are referred to 20  $\mu$ Pa.

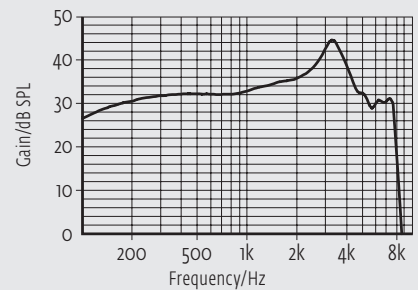
Maximum Output



Acoustic Gain

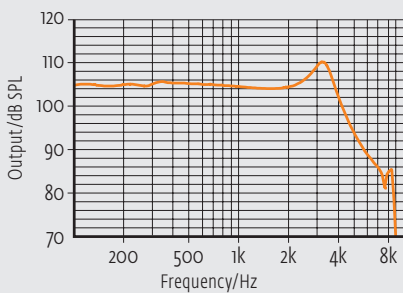


Reference Test Gain (RTG)

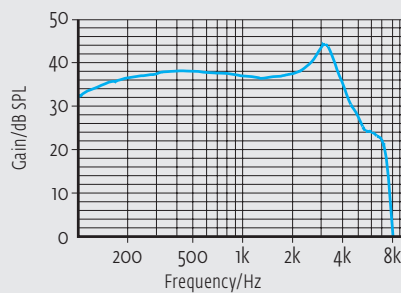


All curves are measured with **zccm-coupler (EN 60318-5)**. All sound pressure levels are referred to 20  $\mu$ Pa.

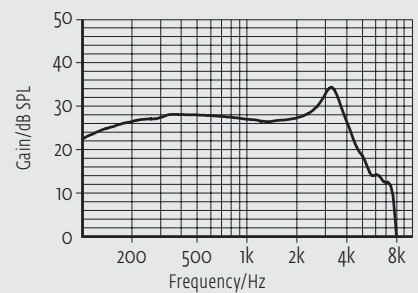
Maximum Output



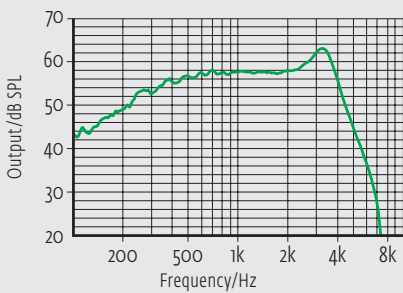
Acoustic Gain



Reference Test Gain (RTG)

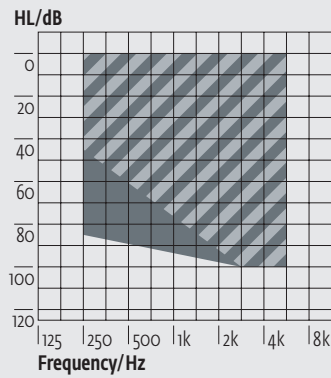


Induction Coil Sensivity



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.

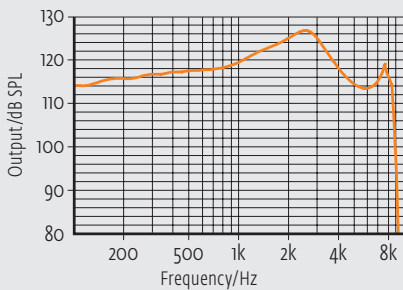
Fitting Range



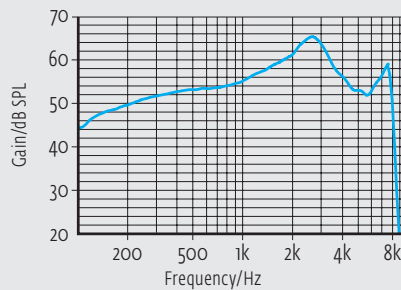
The shaded area applies to the M receiver with closed dome.

These curves are measured with **Ear Simulator (EN 60318-4)**. All sound pressure levels are referred to 20  $\mu$ Pa.

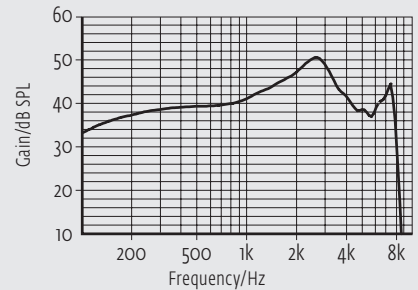
Maximum Output



Acoustic Gain

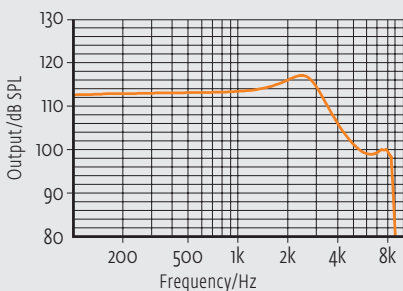


Reference Test Gain (RTG)

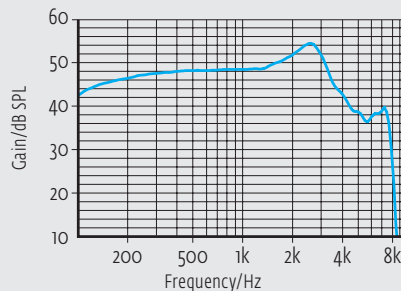


All curves are measured with **zccm-coupler (EN 60318-5)**. All sound pressure levels are referred to 20  $\mu$ Pa.

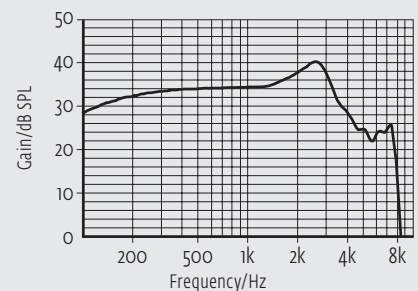
Maximum Output



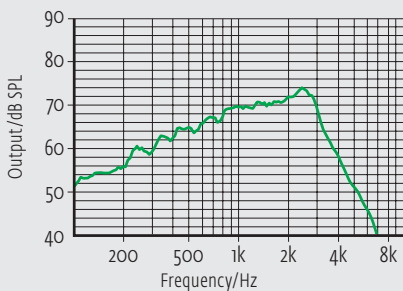
Acoustic Gain



Reference Test Gain (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.