




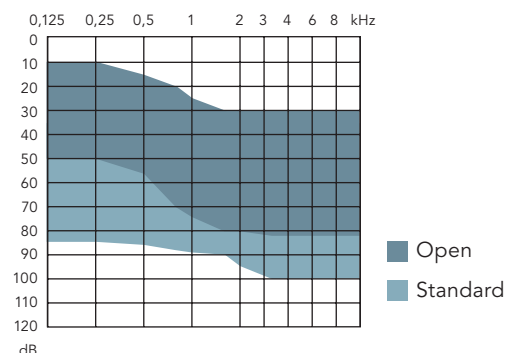
ANTARO Slim

Brief Description

- Elegant First Class Design hearing system
- Uses XearA technology
- Suitable for mild to moderately severe hearing loss
- Hightech signal processing in 40 channels
- 18 fully programmable channels (Gain/AGC) for maximal use of residual dynamic range
- Using Bluetooth via Remote Control
- Bi-Com for binaural synchronization of the hearing systems
- Frequency compression for improvement of speech intelligibility and perception of environmental sounds – Sound Restore
- Processing up to 10 kHz – Real HiFi
- Expanded Acclimatization Manager for automatic adjustment towards the target frequency response
- Expanded Situation Optimizer for automatic frequency response adjustment in changing acoustic environments
- New fitting philosophies for optimal understanding, high acceptance and benefit – XpressFit
- InSitu audiometry for measurement of individual hearing loss, using the actual hearing system – fast and individual
- Innovative algorithms for speech detection, noise reduction and revolutionary directional microphone system – Conversation Lift/Automatic Speech Beam
- Technological milestone in feedback suppression system – Feedback X
- 6 programs
- Programmable rocker switch (VC, program pushbutton)
- T-Coil
- PhoneConnect
- Wireless programming with ConnexLink possible in addition to HI-PRO and NOAHLink

ANTARO Slim is in some countries only available as non-wireless version. The function Bi-Com and the remote controls can't be offered in this case. 
Marking: White dot on battery compartment

Fitting Range



L_{Omax} / G_{max}

Earhook: 130/60
Open tube: 125/51

Description

Fitting: Computer (PC, notebook) with battery adapter size 312
Channels (G/AGC): 18/18
No. of programs: 6
No. of microphones: 2
VC: yes (rocker switch)
Program pushbutton: yes (rocker switch)
Audio input: no

Homologation Approval Germany

DH-No. 5182

Options

- Color Exchange Kits

Accessories

- Different remote controls
- HADEO care range
- Different Open tubes
- Different tips



Measuring settings

If not mentioned differently in the individual diagrams, the following adjustments are effective:
 Adaptive parameters: **off**
Full on Gain (CONNEX Test setting)

Applicable standards

Ear simulator measurement **EN 60118-0: 1994**
 2 cc coupler measurement **EN 60118-7: 2005**
ANSI-Standard (S3.22-2003)

Ear-Simulator EN 60118-0: 1994	Technical Specifications	2 cc-Coupler ANSI-Standard (S3.22-2003) / EN 60118-7: 2005																																																																																	
<p>Max. Output OSPL 90 / Maximum Acoustic Gain</p>	<p style="text-align: center;">Maximum output [dB SPL]</p> <table border="1"> <tr><td>138</td><td>Peak</td><td>130</td></tr> <tr><td>134</td><td>1600 Hz</td><td>-</td></tr> <tr><td>-</td><td>HF-Average SSPL90</td><td>126</td></tr> </table> <p style="text-align: center;">Gain [dB] input: 50 dB SPL</p> <table border="1"> <tr><td>68</td><td>Peak</td><td>60</td></tr> <tr><td>61</td><td>1600 Hz</td><td>-</td></tr> <tr><td>-</td><td>HF-Average Full on Gain</td><td>54</td></tr> <tr><td>54</td><td>Reference Test Gain</td><td>49</td></tr> </table> <p style="text-align: center;">Frequency range [Hz]</p> <table border="1"> <tr><td>125</td><td>Low frequency limit</td><td>100</td></tr> <tr><td>8.400</td><td>High frequency limit</td><td>7.100</td></tr> </table> <p style="text-align: center;">Total harmonic distortion [%]</p> <table border="1"> <tr><td>3,3</td><td>500 Hz</td><td>3,3</td></tr> <tr><td>1,5</td><td>800 Hz</td><td>1,5</td></tr> <tr><td>0,9</td><td>1600 Hz</td><td>0,9</td></tr> </table> <p style="text-align: center;">Equivalent input noise [dB]</p> <table border="1"> <tr><td>19</td><td></td><td>21</td></tr> </table> <p style="text-align: center;">Max. telecoil sensitivity [dB SPL]</p> <table border="1"> <tr><td>118</td><td>Peak</td><td>-</td></tr> <tr><td>112</td><td>1600 Hz</td><td>-</td></tr> <tr><td>-</td><td>MASL (60118-7)</td><td>82</td></tr> <tr><td>-</td><td>ETLS (60118-7)</td><td>-2</td></tr> <tr><td>-</td><td>HFA-SPLITS (ANSI)</td><td>98</td></tr> </table> <p style="text-align: center;">Total harmonic distortion of telecoil [%] input: 100mA/m</p> <table border="1"> <tr><td>3,0</td><td>500 Hz</td><td>-</td></tr> <tr><td>5,9</td><td>800 Hz</td><td>-</td></tr> <tr><td>5,5</td><td>1600 Hz</td><td>-</td></tr> </table> <p style="text-align: center;">Battery type</p> <table border="1"> <tr><td>312</td><td></td><td>312</td></tr> </table> <p style="text-align: center;">Battery voltage [V]</p> <table border="1"> <tr><td>1,35</td><td></td><td>1,35</td></tr> </table> <p style="text-align: center;">Battery current [mA]</p> <table border="1"> <tr><td>0,95</td><td></td><td>0,95</td></tr> </table> <p style="text-align: center;">Sensitivity of audio input [mV]</p> <table border="1"> <tr><td>-</td><td></td><td>-</td></tr> </table> <p style="text-align: center;">AGC-O Attack- and Release time [ms]</p> <table border="1"> <tr><td>-</td><td>Attack time</td><td>10</td></tr> <tr><td>-</td><td>Release time</td><td>100</td></tr> </table>	138	Peak	130	134	1600 Hz	-	-	HF-Average SSPL90	126	68	Peak	60	61	1600 Hz	-	-	HF-Average Full on Gain	54	54	Reference Test Gain	49	125	Low frequency limit	100	8.400	High frequency limit	7.100	3,3	500 Hz	3,3	1,5	800 Hz	1,5	0,9	1600 Hz	0,9	19		21	118	Peak	-	112	1600 Hz	-	-	MASL (60118-7)	82	-	ETLS (60118-7)	-2	-	HFA-SPLITS (ANSI)	98	3,0	500 Hz	-	5,9	800 Hz	-	5,5	1600 Hz	-	312		312	1,35		1,35	0,95		0,95	-		-	-	Attack time	10	-	Release time	100	<p>Max. Output OSPL 90 / Maximum Acoustic Gain</p>
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ANTARO Slim with Open tube

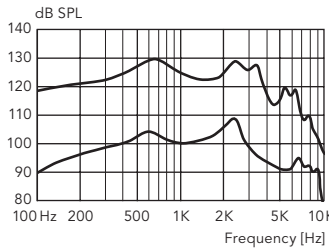
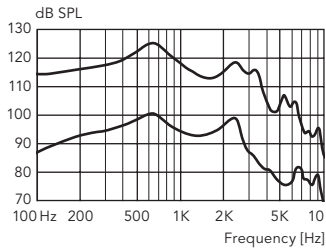
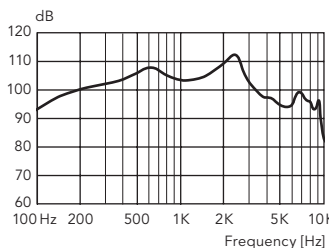
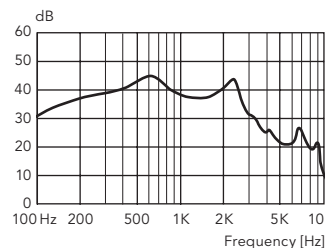
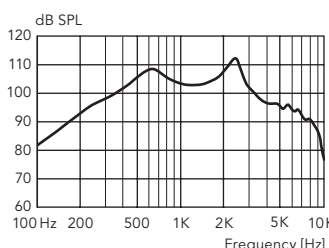
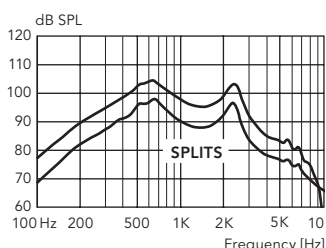


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Ear-Simulator EN 60118-0: 1994	Technical Specifications	2 cc-Coupler ANSI-Standard (S3.22-2003) / EN 60118-7: 2005
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Reference Test Gain 	Gain [dB] input: 50 dB SPL 59 Peak 53 1600 Hz - HF-Average Full on Gain 46 Reference Test Gain	Reference Test Gain 
Reference Test Gain of Telecoil 	Frequency range [Hz] 100 Low frequency limit 9.800 High frequency limit	Reference Test Gain of Telecoil / SPLITS curve 
	Total harmonic distortion [%] 1,5 500 Hz 25 800 Hz 1,5 1600 Hz	
	Equivalent input noise [dB] 24	
	Max. telecoil sensitivity [dB SPL] 109 Peak 102 1600 Hz - MASL (60118-7) - ETLS (60118-7) - HFA-SPLITS (ANSI)	116 - 73 -2 90
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	Battery type 312	312
	Battery voltage [V] 1,35	1,35
	Battery current [mA] 0,95	0,95
	Sensitivity of audio input [mV] -	-
	AGC-O Attack- and Release time [ms] - Attack time - Release time	10 100
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