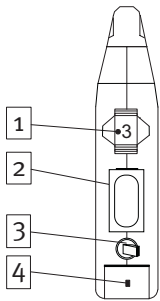
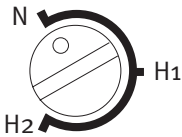


H 21 NH / H 27 NH / H 22 / H 28

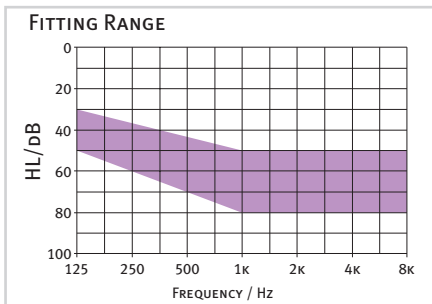


1. Volume control
2. Trimmer door
3. Switch M-T  
M : Microphone  
T : Telephone coil
4. Battery compartment



Factory settings:  
NH at N (ccw)

The precision adjustment controllers are located behind the trimmer door.



- Comfortable wearing properties
- Ergonomically shaped housing
- Tone control (NH), continuously adjustable (H 21 NH/H 27 NH)
- Telephone coil (H 27 NH/H 28)
- Spectacle adaptor facility

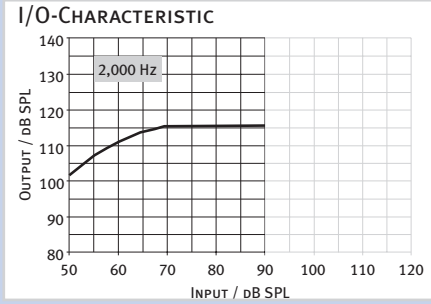
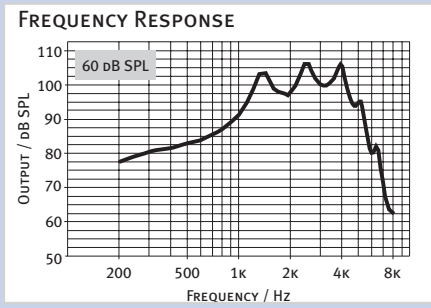
TECHNICAL DATA	EN 60118-7 (2CC-COUPLER)	EN 60118-0 (EAR SIMULATOR)
Operating Voltage	1.30 V	
<b>Acoustic Gain</b>		
1,600 Hz (60 dB SPL)	54 dB	62 dB
Peak Value	60 dB	71 dB
<b>Maximum Output</b>		
1,600 Hz (at 90 dB SPL)	116 dB SPL	127 dB SPL
Peak Value	122 dB SPL	128 dB SPL
Induction Coil Sensitivity		
1,600 Hz (at 10 mA/m)	93 dB	102 dB
Equivalent Input Noise Level	< 26 dB	< 26 dB
Frequency Range (DIN 45605)	550 Hz - 5,600 Hz	850 Hz - 6,700 Hz
Battery Current	1.00 mA	1.00 mA

Type	H 21	H 22 NH	H 27 NH	H 28 NH
NH-Control	X		X	
Battery Type	675		675	
Average Battery Life	540 h		540 h	
Telephone Coil			X	X
Pattern No.	1154	1136	1127	1155
Medical Aid Catalogue Pos.No.			13.20.01.110	

**DATA PER ANSI S3.22-1987,-96**

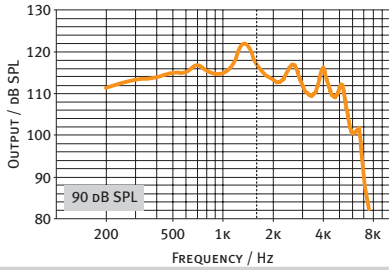
<b>Full-On Gain (60 dB SPL)</b>	
HFA	51 dB
Max.	60 dB
<b>OSPL 90 (90 dB SPL)</b>	
HFA	115 dB SPL
Max.	122 dB SPL
Reference Test Gain	38 dB
Equivalent Input Noise*	< 26 dB
Induction Coil Sensitivity	83 dB SPL
1,000 Hz at 10 mA/m	
Frequency Range	270-6,500 Hz
Total Harmonic Distortion	< 3 / 2 / 1 %
500/800/1,600 Hz	
Battery Current	1.00 mA
Power Source	1.30 V Type 675

The tolerance range of the above given nominal values are defined per ANSI 3.22-1987.  
\*) TCP Coils are only in H27 and H28

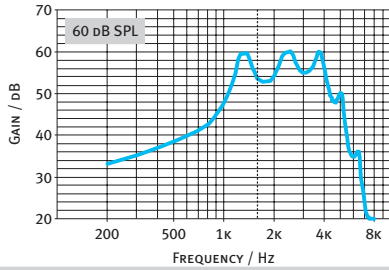


These curves are measured with 2cc-coupler (IEC 126). All sound pressure levels are referred to 20 $\mu$ Pa.

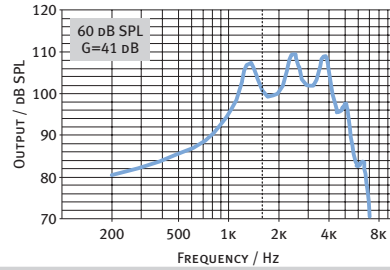
MAXIMUM OUTPUT



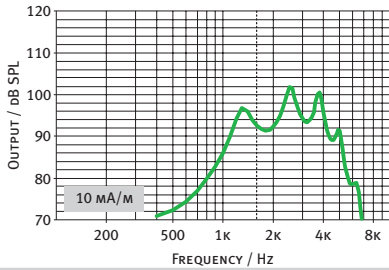
ACOUSTIC GAIN



FREQUENCY RESPONSE



INDUCTION COIL SENSITIVITY



EFFECT OF TONECONTROL

