

Natura Series

N40R-R
BTE



Technical Specifications

		Ear Simulator	2ccm-coupler
Output (OSPL90)			
Max	dB SPL	125	117
HFA Avg (1000,1600,2500 Hz)	dB SPL	121	114
Gain (FOG50)			
Max	dB	62	53
HFA Avg (1000,1600,2500 Hz)	dB	58	49
Reference Test Gain (Input 60 dB SPL)	dB	44	36
EQ Input Noise	dB SPL	23	23
Frequency Response (RESP60)			
Low Frequency Limit	Hz	100	100
High Frequency Limit	Hz	6200	6000
Total Harmonic Distortion			
500 Hz (Input 70 dB SPL)	%	0.4	0.4
800 Hz (Input 70 dB SPL)	%	1	0.8
1600 Hz (Input 75 dB SPL)	%	0.3	0.2
Battery (1000 Hz / Input 65 dB)			
Battery Life (Avg) (*)	Hour	24	
Battery Type		Lithium-Ion	
EQ Band		24	
Number of programs		4	
WDRC channels		8	
Frequency channels		24	
Microphone		2	
Multifunctional Button (VC/Prog/Airplane)		+	

* The usage time of the rechargeable battery varies depending on the following features:
* Streaming using * Regular hearing instrument

Key Features:

- 40 Compression Application Parameters
- 24 Frequency Channels
- 24 kHz Sampling Frequency
- 8 MPO Output Limits
- 24 EQ Bands
- Up to 12kHz Fitting Bandwidth*
- 4 Programs
- 8 WDRC Channels
- Noise Reduction
- T-FIS (Tinnitus-Frequency Isolation System (Static))
- FBC (FeedBack Cancellor)
- Environment Classification
- Program Change Warning (Voice or Tone)
- Low Battery Warning (Voice or Tone)
- Volume Control
- Starting Program/Volume Memory
- Datalogging
- Activation Delay
- Fitting Formula Settings (NAL-NL2, DSL Adult/Pediatrics)
- Frequency Channel and WDRC Channel Independent Adaptation
- Mobile Parameter Setting (Cleverear)
- AirPlane Mode
- EC Binaural Control
- Connecting with ConnectLine
- EarToEar Connectivity
- Made For iPhone® (Phone call, Streaming)
- ASHA For Android™ (Phone call, Streaming)
- Bluetooth® Control
- Rechargeable Battery

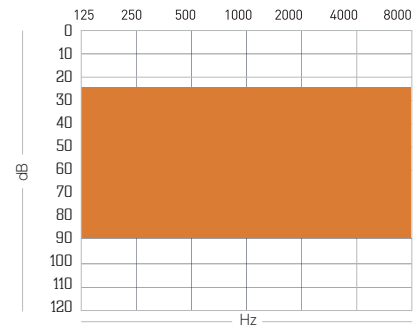
Performance Features:

Extra safety and durability tests:
Eartechnic hearing devices are reliable, durable and robust with its unique design.

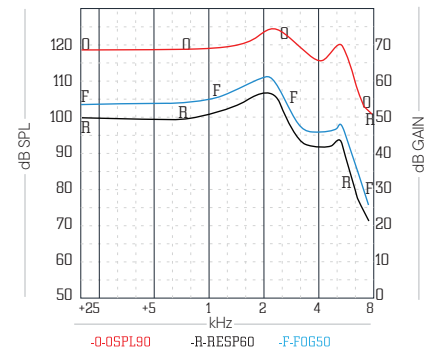
- IEC 60068- 2-64 (Vibration)
- IEC 60068-2-31 (Mechanical shocks)
- IEC 60068-2-14 (Shock temperature changes)
- IP68 (IEC 60529) (Dust, water and humidity)

* Bandwidth is available in Gain Adjustments in Fitting software.

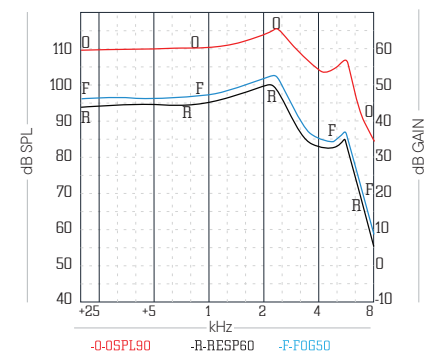
Fitting Range



EN 60118-0 Ear Simulator



EN 60118-7:2005 2ccm-coupler



OSPL (Output Sound Pressure Level) / RESP (Frequency Response)
FOG (Full On Gain). Technical data are given in according to EN 60118-0 Ear Simulator (MZ coupler) / EN 60118-7:2005 2ccm-coupler values.

Programming System

Wireless Programming
FitLine

