

Tie Series

TE-XRW BTE



Technical Specifications

		Ear Simulator	2ccm-coupler
Output (OSPL90)			
Max	dB SPL	118	110
HFA Avg (1000,1600,2500 Hz)	dB SPL	113	105
Gain (FOG50)			
Max	dB	50	42
HFA Avg (1000,1600,2500 Hz)	dB	40	33
Reference Test Gain (Input 60 dB SPL)	dB	36	28
EQ Input Noise	dB SPL	25	25
Frequency Response (RESP60)			
Low Frequency Limit	Hz	100	100
High Frequency Limit	Hz	8000	7600
Total Harmonic Distortion			
500 Hz (Input 70 dB SPL)	%	0.8	0.8
800 Hz (Input 70 dB SPL)	%	1	0.9
1600 Hz (Input 75 dB SPL)	%	1.4	1.4
Battery (1000 Hz / Input 65 dB)			
Battery Life (Avg) (*)	Hour	24	
Battery Type		Lithium-Ion	
EQ Band		12	
Number of programs		4	
WDRC channels		6	
Frequency channels		12	
Microphone		Omni-TIE Technology	
Telecoil		+	
Volume control		Multifunctional	

* The usage time of the rechargeable battery varies depending on the following features;

* Streaming using * Regular hearing instrument

Key Features:

- 30 Compression Application Parameters
- 12 Frequency Channels
- 24 kHz Sampling Frequency
- 6 MPO Output Limits
- 12 EQ Bands
- Up to 12kHz Fitting Bandwidth*
- 4 Programs
- 6 WDRC Channels
- Noise Reduction
- FBC (FeedBack Canceller)
- 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)

* Bandwidth is available in Gain Adjustments in Fitting software.

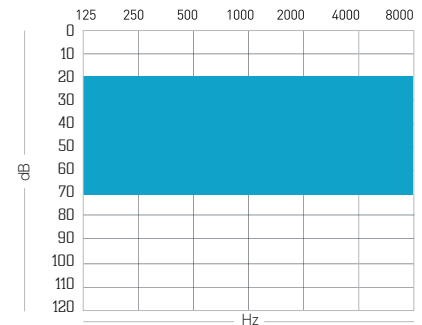
- Frequency Channel and WDRC Channel Independent Adaptation
- Mobile Parameter Setting (Cleverear)
- AirPlane Mode
- EarToEar Connectivity
- Bluetooth® Control
- Rechargeable Battery

Performance Features:

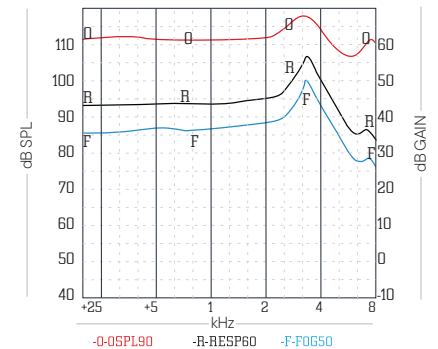
Extra safety and durability tests:
Eartechnic hearing devices are reliable, durable and robust with its unique design.

- 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)

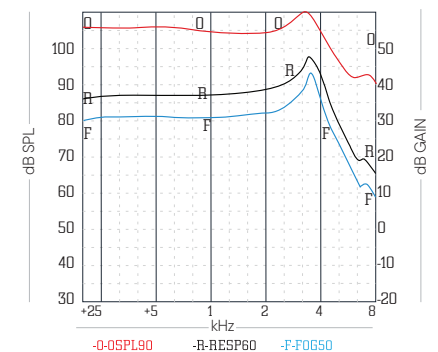
Fitting Range



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 is given in according to EN 60118-0
Ear Simulator (MZ coupler) / EN 60118-7:2005 2ccm-coupler values.

Programming System

Wireless Programming
FitLine

