First modular system mini hearing computer in the world.

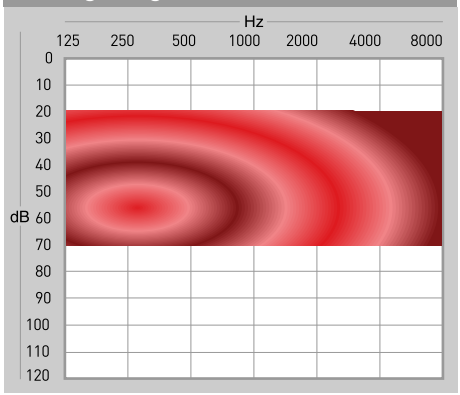
TIE Series

Technical Specifications		EN 60118-0 Ear Simulator	EN 60118-7:2005 2ccm-coupler
Output (OSPL90)			
Max	dB SPL	118	110
HFA Avg (1000,1600,2500 Hz)	dB SPL	114	106
Gain (FOG50)			
Max	dB	50	42
HFA Avg (1000,1600,2500 Hz)	dB	40	32
Reference Test Gain (Input 60 dB SPL)	dB	37	29
EQ Input Noise	dB SPL	24	24
Frequency Response (RESP60)			
Low Frequency Limit	Hz	<100	<100
High Frequency Limit	Hz	7500	7200
Total Harmonic Distortion			
500 Hz (Input 70 dB SPL)	%	0,7	0,7
800 Hz (Input 70 dB SPL)	%	0,9	0,9
1600 Hz (Input 65 dB SPL)	%	1,5	1,3
Telecoil Sensitivity (MASL)	dB SPL	46	38
Battery (1000 Hz / Input 65 dB)			
Battery Current	mA	0,8	0,8
Battery Life (Average)	Hour	110	110
Battery Type		10	
Operating Voltage	V	1.3	
Number of programs		6	
Number of frequency channels		16	
Microphone		Omni	
Telecoil		+	
Volume controls		+	
Trimmer		-	

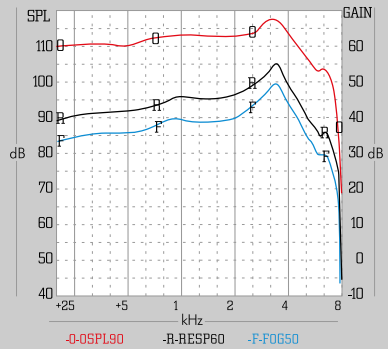
TIE

TIE A

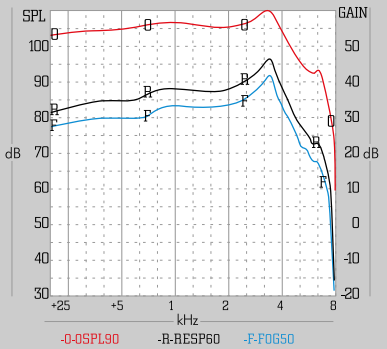
Fitting Range



EN 60118-0 Ear Simulator



EN 60118-7:2005 2ccm-coupler



Programming System

Cable : CS44 Program Cable (4 pin system)
Battery : Without Battery
Progr.-Box : Hi-Pro / Hi-Pro2 with USB
Software : EarTuning2

Programming Cable

HI-PRO2

Performance Features

Extra safety and robustness tests:

- Eartechnic hearing devices are reliable, durable and robust with its unique design.
- TIE A device is in according to 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)

Key Features:

- 16 WDRC Independent Channel Applicaiton
- 16 Channels Fine Tuning Gain Bands
- 16 Channels MPO
- 8 Khz Bandwidht
- Channel Based Scalar Noise Reduction
- Adjustable 6 program
- Input modes;
  - Omni
  - Omni &Tinnitus Terapi
  - Telecoil
- Push Button (Program + VC)
- In-situ Comfort Test
- Wind Noise Management
- Memory Change and Low Battery Signal with voice or tone
- Autosave for Program Position
- Data Logging
- Treble Sound Clarity
- Preferential Memory Control
  User can start with the preferred program
- Setting the start time

Specific Features

- Super Adaptive Feedback Canceller
- Tinnitus Freguency Isolation System (T-FIS)
- Internal Noise Blocker
- Base Sound Clarity

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

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