

Royal8 Series

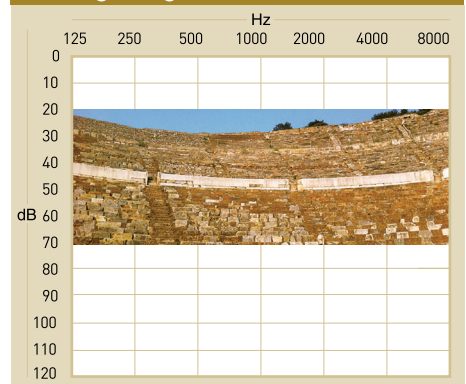
Technical Specifications		EN 60118-0 Ear Simulator	EN 60118-7:2005 2ccm-coupler
Output (OSPL90)			
Max	dB SPL	119	110
HFA Avg (1000,1600,2500 Hz)	dB SPL	114	106
Gain (FOG50)			
Max	dB	50	41
HFA Avg (1000,1600,2500 Hz)	dB	42	34
Reference Test Gain (Input 60 dB SPL)	dB	37	29
EQ Input Noise	dB SPL	24	23
Frequency Response (RESP60)			
Low Frequency Limit	Hz	<200	<200
High Frequency Limit	Hz	7900	7900
Total Harmonic Distortion			
500 Hz (Input 70 dB SPL)	%	1,5	1,4
800 Hz (Input 70 dB SPL)	%	1,9	1,8
1600 Hz (Input 65 dB SPL)	%	1,7	1,5
Telecoil Sensitivity (MASL)	dB SPL		
Battery (1000 Hz / Input 65 dB)			
Battery Current	mA	0,95	
Battery Life (Average)	Hour	95	
Battery Type		10	
Operating Voltage	V	1.3	
Number of programs		4	
Number of frequency channels		8	
Microphone		Omni	
Telecoil		-	
Volume controls		-	
Trimmer		-	

CIC

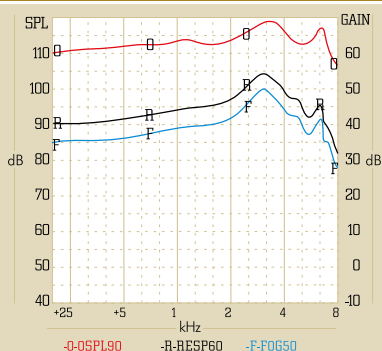
Royal8 Micro



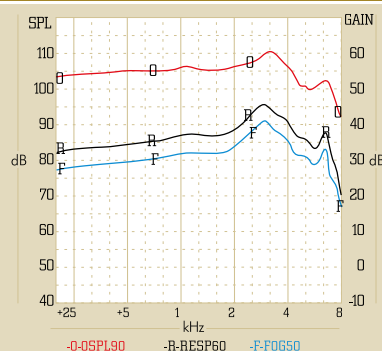
Fitting Range



EN 60118-0 Ear Simulator



EN 60118-7:2005 2ccm-coupler

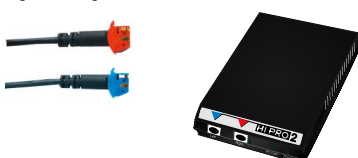


Programming System

Cable : ITE cable 10 Batt./Right&Left
Battery : Without Battery
Progr.-Box : Hi-Pro / Hi-Pro2 with USB
Software : EarTuning

Programming Cable

HI-PRO2



Key Features:

- 8 channel WDRC
- 32 fine tuning band
- 8 channel MPO
- 8 channel speech management
- Input Modes:
 - Omni- directional
- NM (Noise Management)
- DFM (Dynamic Feedback Management)
- ISM (Impulsive Suppression Management)
- WNM (Wind Noise Management)
- Program Selection
- Memory Change and Low Battery Signal
- Adaptive Analyze System
- Data Logging
- Fast adaptation technology
- Easy to use, low battery consumption.
- With the superior equipment Micro Groups give extraordinary comfort and power.
- Short term adaptation.

* 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.