

Royal12 Series

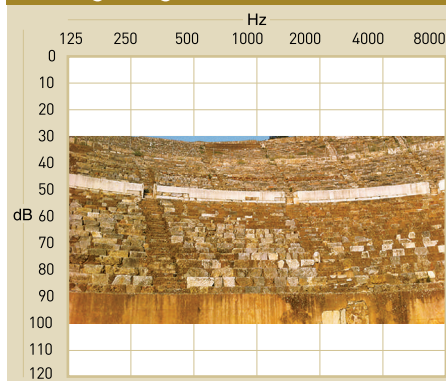
Technical Specifications		EN 60118-0 Ear Simulator	EN 60118-7:2005 2ccm-coupler
Output (OSPL90)			
Max	dB SPL	131	123
HFA Avg (1000,1600,2500 Hz)	dB SPL	126	118
Gain (FOG50)			
Max	dB	70	60
HFA Avg (1000,1600,2500 Hz)	dB	64	56
Reference Test Gain (Input 60 dB SPL)		49	41
EQ Input Noise		25	24
Frequency Response (RESP60)			
Low Frequency Limit	Hz	<200	<200
High Frequency Limit	Hz	6900	5500
Total Harmonic Distortion			
500 Hz (Input 70 dB SPL)	%	1,9	0,7
800 Hz (Input 70 dB SPL)	%	0,7	0,5
1600 Hz (Input 65 dB SPL)	%	0,2	0,1
Telecoil Sensitivity (MASL)		dB SPL	
Battery (1000 Hz / Input 65 dB)			
Battery Current	mA	1	
Battery Life (Average)	Hour	160	
Battery Type		312	
Operating Voltage		1.3	
Number of programs		4	
Number of frequency channels		12	
Microphone		Omni	
Telecoil		-	
Volume controls		-	
Trimmer		-	

ITE / Power

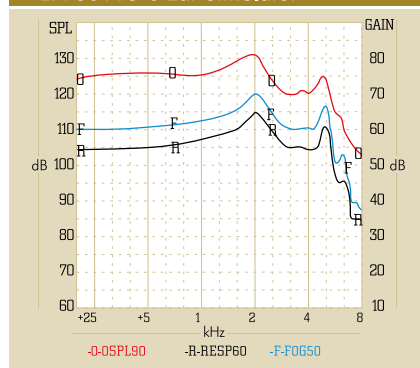
Royal12 MP



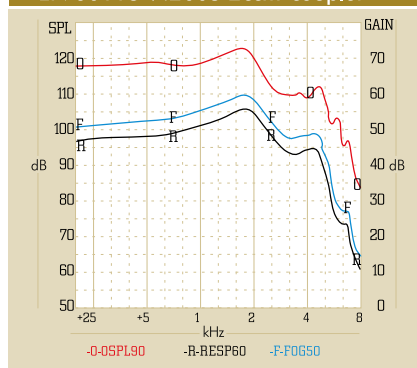
Fitting Range



EN 60118-0 Ear Simulator



EN 60118-7:2005 2ccm-coupler



Key Features:

- 12 channel WDRC
- 32 fine tuning band
- 12 channel MPO
- 12 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
- Short term adaptation.

Programming System

Cable : ITE cable 312 Batt./Right&Left
 Battery : Without Battery
 Progr.-Box : Hi-Pro / Hi-Pro2 with USB
 Software : EarTuning

Programming Cable

HI-PRO2



* 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.