

Royal8 Series

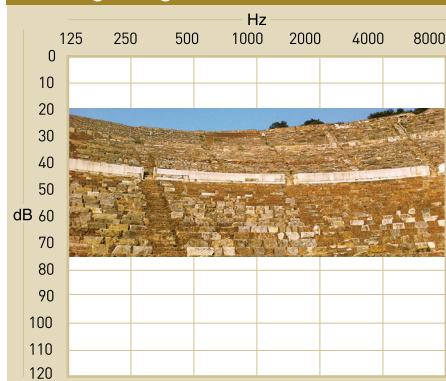
Technical Specifications		EN 60118-0 Ear Simulator	EN 60118-7:2005 2ccm-coupler
Output (OSPL90)			
Max	dB SPL	134	128
HFA Avg (1000,1600,2500 Hz)	dB SPL	129	123
Gain (FOG50)			
Max	dB	59	53
HFA Avg (1000,1600,2500 Hz)	dB	54	45
Reference Test Gain (Input 60 dB SPL)	dB	52	45
EQ Input Noise	dB SPL	21	22
Frequency Response (RESP60)			
Low Frequency Limit	Hz	<200	<200
High Frequency Limit	Hz	7600	6100
Total Harmonic Distortion			
500 Hz (Input 70 dB SPL)	%	1,8	1,9
800 Hz (Input 70 dB SPL)	%	1,8	0,8
1600 Hz (Input 65 dB SPL)	%	0,2	0,2
Telecoil Sensitivity (MASL)	dB SPL	37	32
Battery (1000 Hz / Input 65 dB)			
Battery Current	mA	1,04	
Battery Life (Average)	Hour	153	
Battery Type		312	
Operating Voltage	V	1,3	
Number of programs		4	
Number of frequency channels		8	
Microphone		2	
Telecoil		+	
Volume controls		-	
Trimmer		-	

BTE

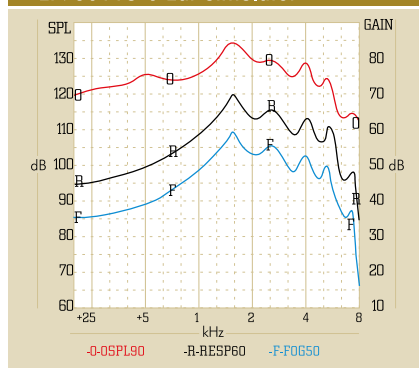
Royal8 F



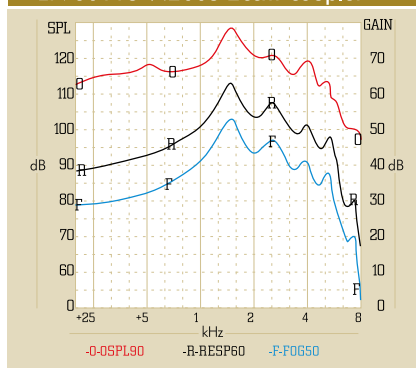
Fitting Range



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 : 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
 - ADM, FDM (HyperCardioid, SuperCardioid, Cardioid)
 - MMPlus (for Telecoil Mixed Mode)
 - Telecoil
- 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, comfortable, long lasting and has a technological equipment that consumes low energy.
- It has the ability of aesthetic, comfortable adaptation and short term adaptation
- All of the Royal series BTE devices don't get affected by the water, sweat and dust.

* OSPL (Output Sound Pressure Level) - RESP (Frequency Response) - FOG (Full On Gain) * Technical datas are given in accordance to EN 60118-0 Ear Simulator (MZ coupler) / EN 60118-7:2005 2ccm-coupler values.
* The hearing aid's maximum output sound level can exceed 132 dB SPL. Selecting and fitting of the instrument can only be done by a specialist as there is a risk of impairing the residual hearing of the user.