

Royal8 Series

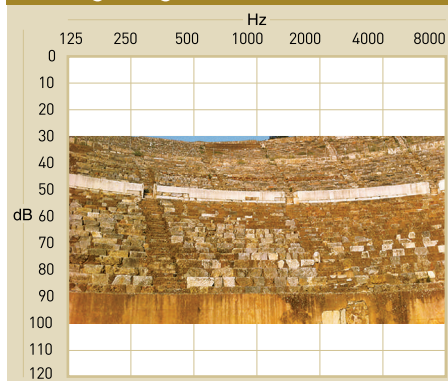
BTE / Super Power

Royal8 SPn

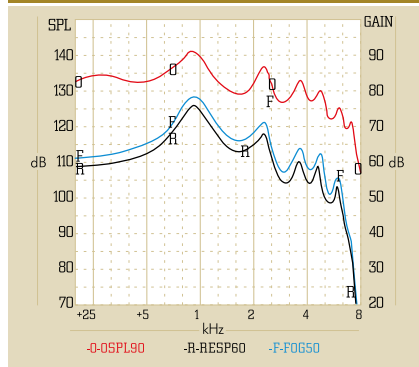
| Technical Specifications | | EN 60118-0 Ear Simulator | EN 60118-7:2005 2ccm-coupler |
|--|--------|-----------------------------|---------------------------------|
| Output (OSPL90) | | | |
| Max | dB SPL | 141 | 134 |
| HFA Avg (1000,1600,2500 Hz) | dB SPL | 133 | 125 |
| Gain (FOG50) | | | |
| Max | dB | 78 | 72 |
| HFA Avg (1000,1600,2500 Hz) | dB | 69 | 62 |
| Reference Test Gain (Input 60 dB SPL) | dB | 56 | 48 |
| EQ Input Noise | dB SPL | 21 | 22 |
| Frequency Response (RESP60) | | | |
| Low Frequency Limit | Hz | <200 | <200 |
| High Frequency Limit | Hz | 6400 | 6300 |
| Total Harmonic Distortion | | | |
| 500 Hz (Input 70 dB SPL) | % | - | 1,8 |
| 800 Hz (Input 70 dB SPL) | % | 0,4 | 0,4 |
| 1600 Hz (Input 65 dB SPL) | % | 0,3 | 0,3 |
| Telecoil Sensitivity (MASL) | dB SPL | 53 | 44 |
| Battery (1000 Hz / Input 65 dB) | | | |
| Battery Current | mA | | 1,45 |
| Battery Life (Average) | Hour | | 193 |
| Battery Type | | | 13 |
| Operating Voltage | V | | 1,3 |
| Number of programs | | | 4 |
| Number of frequency channels | | | 8 |
| Microphone | | | 2 |
| Telecoil | | | + |
| Volume controls | | | + |
| Trimmer | | | - |



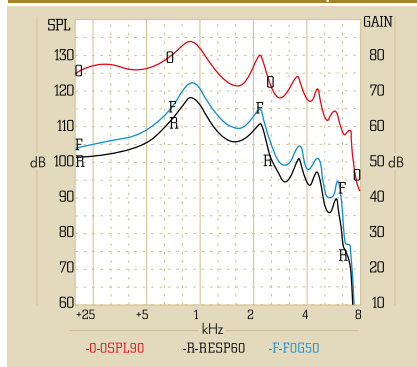
Fitting Range



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
- Volume Control
- NM (Noise Management)
- DFM (Dynamic Feedback Management)
- ISM (Impulsive Suppression Management)
- WNM (Wind Noise Management)
- Program selection
- Memory change and low battery signal
- Digital volume mode
- 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 according 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.