

SeboTek® Voice-Q™ 721 PAC

Post Auricular Canal Hearing Instrument

Technical Specifications*

Specification	CIC**	2cc
Standard		IEC 118-7 1994
Acoustic Gain (50 dB SPL input)		
Maximum	67 dB	53 dB
RTF full-on gain	54 dB	45 dB
RTG	44 dB	35 dB
OSPL90 (90 dB SPL input)		
Maximum	131 dB SPL	117 dB SPL
RTF- OSPL90	119 dB SPL	110 dB SPL
Frequency Range	< 200 to > 8000 Hz	< 200 to > 8000 Hz
Total Harmonic Distortion		
1000 Hz	1%	1%
Current Drain		
Reference Test	1.3 mA	1.3 mA
Maximum	1.5 mA	1.5 mA
Equivalent Input Noise	18 dB	20 dB
Telecoil Sensitivity		
10 mA/m Wand @ 3000 Hz	115 dB SPL	102 dB SPL
10 mA/m Wand @ 1600 Hz	103 dB SPL	93 dB SPL
Compression		
Attack time	5 ms	5 ms
Recovery time	15 ms	15 ms

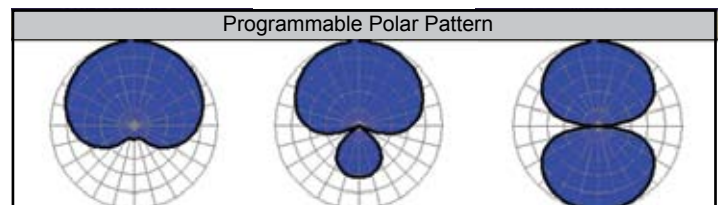
*Testing conducted with PAC system fully assembled - medium speaker link, SeboTek 2cc and CIC couplers, with a 9mm tip.

** CIC test protocol is recommended to more accurately demonstrate system performance.

Microphone sensitivity	Standard	+/- 1dB
	Operational	+/- 0.1dB
Microphone phasing		<2°
Microphone Directivity Index Improvement		5.4 dB

Processor Weight	Processor only	0.9 g
Software/Hardware	Fully assembled with battery	2.6 g

- Pro-VES™ Software version 4.7 or later
- Programmable with PC (IBM Compatible) and Hi-PRO interface
- Stand-alone software available
- Programming cables - CS64
- Programming strips - CS64 (4 pin)



Cardioid

Hyper Cardioid

Bi-Directional

Software programmable, 50 polar plots available.

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Ear Simulation Data

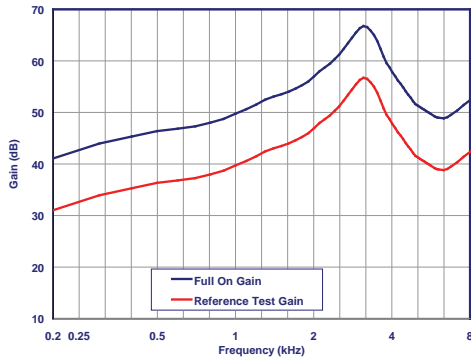
CIC Coupler

Acoustic Gain

Maximum
67 dB

RTF-FOG
54 dB

RTF-RTG
44 dB



IEC 118-7 1994

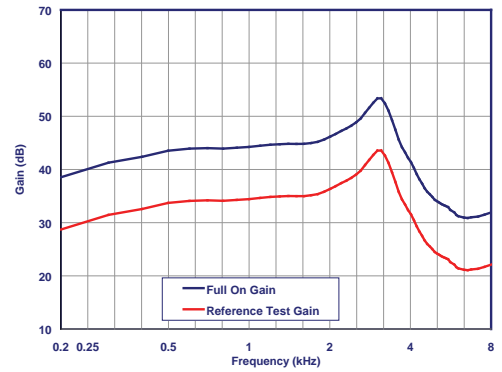
2cc Coupler

Acoustic Gain

Maximum
53 dB

RTF-FOG
45 dB

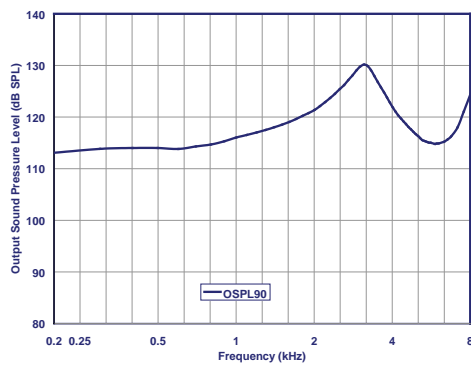
RTF-RTG
35 dB



Output Sound Pressure Level

Maximum
OSPL90
131 dB SPL

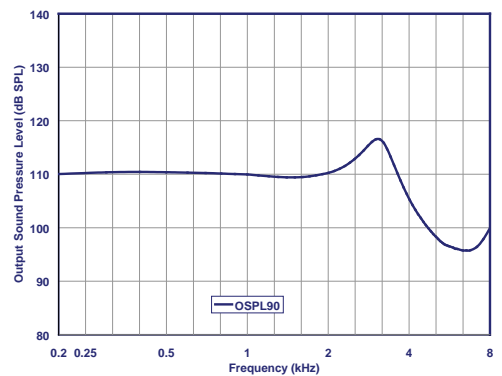
RTF-OSPL90
119 dB SPL



Output Sound Pressure Level

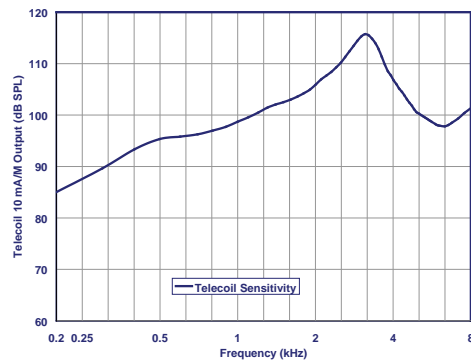
Maximum
OSPL90
117 dB SPL

RTF-OSPL90
110 dB SPL



Telecoil Sensitivity

10 mA/M
@ RTF
103 dB SPL



Telecoil Sensitivity

10 mA/M
@ RTF
93 dB SPL

