

KS 7.0

Receiver-in-Canal Hearing Instrument

All data specified were determined under test conditions which comply with the Specifications of Hearing Aid Characteristics ANSI S3.22-2009.

Hearing aid test settings according to the test mode, selectable from the Connexx® fitting menu, configures the instrument for full-on gain, no compression and all adaptive signal analysis and processing turned off.

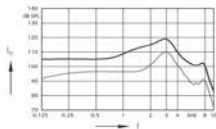
- Battery life stated is measured at 65 dB input and reference test gain.
- Actual battery life depends on the output level.
- Test performed with power sleeve 3.0 (S/M), earmold 3.0 (P), custom shell (HP).

ANSI S3.22-2009 IEC 118-13:2004		S Receiver 2 ccm coupler	M Receiver 2 ccm coupler	P Receiver 2 ccm coupler	HP Receiver 2 ccm coupler
Output	Peak	108 dB SPL	119 dB SPL	124 dB SPL	130 dB SPL
	HFA-OSPL 90	102 dB SPL	114 dB SPL	120 dB SPL	124 dB SPL
Full-on gain	Peak	45 dB	60 dB	70 dB	75 dB
	HFA-FOG	37 dB	50 dB	63 dB	68 dB
	Reference test gain	25 dB	37 dB	43 dB	48 dB
Frequency range	Low frequency range	100 Hz	100 Hz	100 Hz	100 Hz
	High frequency range	10000 Hz	8800 Hz	7800 Hz	7500 Hz
Total harmonic distortion	500 Hz	1%	1%	2%	1%
	800 Hz	1%	1%	2%	2%
	1600 Hz	1%	2%	1%	1%
Equivalent input noise		18 dB SPL	19 dB SPL	18 dB SPL	18 dB SPL
AI-DI		3.8 dB	3.8 dB	3.8 dB	3.8 dB
Battery life (cell zinc air)		~130 h	~120 h	~120 h	~110 h
Battery life (rechargeable)		up to 16 h	-	-	-



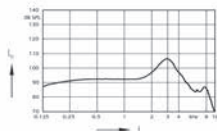
S-Receiver

2 ccm coupler



Output sound pressure level
($L_i = 90$ dB)

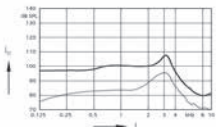
Full on gain
($L_i = 50$ dB)



Frequency response
($L_i = 60$ dB)

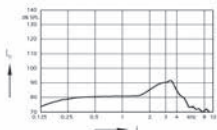
M-Receiver

2 ccm coupler



Output sound pressure level
($L_i = 90$ dB)

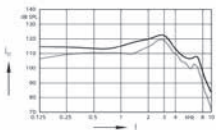
Full on gain
($L_i = 50$ dB)



Frequency response
($L_i = 60$ dB)

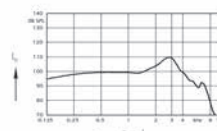
P-Receiver

2 ccm coupler



Output sound pressure level
($L_i = 90$ dB)

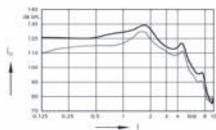
Full on gain
($L_i = 50$ dB)



Frequency response
($L_i = 60$ dB)

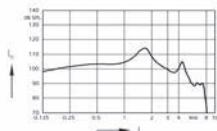
HP-Receiver

2 ccm coupler



Output sound pressure level
($L_i = 90$ dB)

Full on gain
($L_i = 50$ dB)



Frequency response
($L_i = 60$ dB)