Interton Ready

Product Description

The new Interton Ready is a full family of hearing aids built on the GN technology for great sound quality, speech understanding and listening comfort.

The Interton Ready CIC hearing aids components and faceplates are with Nano Coating for optimum durability.

Completely-in-the-Canal (CIC) hearing aids are available in 4 power levels: Low (LP), Medium (MP), High (HP) and Ultra (UP).

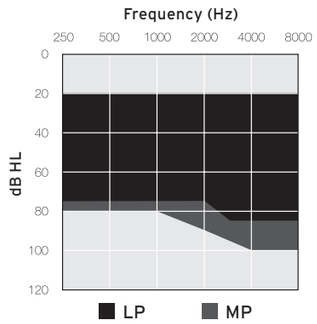
The CIC models feature options for Push Button.

RDCIC

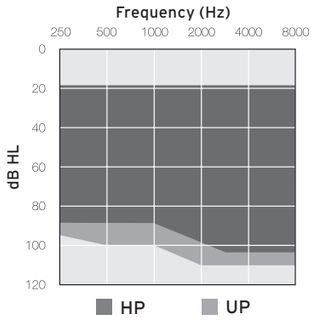
Model	RD6CIC*	RD4CIC**	RD3CIC***	RD2CIC****
Device Configurations				
Battery	10A			
Power levels	LP, MP, HP,& UP			
Colors available	5			
Sound Quality				
WARP compression (WDRC) - number of channels	14	12	8	6
Compression Mode (only UP receivers)	●	●	●	●
Comfort				
Adaptive Noise Reduction	3 settings	2 settings	1 setting	1 setting
Environmental Gain Tuner	●	-	-	-
Feedback Management				
Feedback Manager Plus	●	●	●	●
Auto DFS/Preset Feedback Manager	●	●	●	●
Onboarding				
Acclimatization Manager	●	-	-	-
Convenience				
Robustness				
Nano Coating	●	●	●	●
Fitting Flexibility				
Max Gain Handles	14	12	8	6
Number of Programs	4	4	4	3
Frequency Shifter	●	●	●	●
Low Frequency Boost (only in UP receiver)	2 settings	1 setting	1 setting	1 setting
TSG	●	●	●	●
Interton Fitting 1.0	●	●	●	●

*RD6CIC-UP, RD6CIC-HP, RD6CIC-MP, RD6CIC-LP
**RD4CIC-UP, RD4CIC-HP, RD4CIC-MP, RD4CIC-LP
***RD3CIC-UP, RD3CIC-HP, RD3CIC-MP, RD3CIC-LP
****RD2CIC-UP, RD2CIC-HP, RD2CIC-MP, RD2CIC-LP

Fitting Range - Closed



Fitting Range - Closed



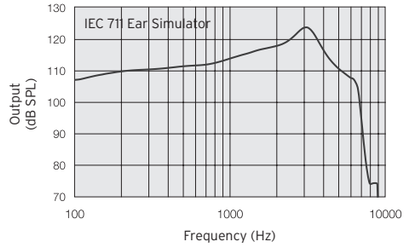
Technical Specifications

		RDCIC (LP) IEC 60118-0 2nd IEC 711 Ear simulator	RDCIC (LP) IEC 60118-0 3rd IEC 60118-7 ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	33	33	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	49 43	40 38	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	124 117	115 110	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.4 0.7 0.8	0.6 0.6 1.0	%
Telecoil sensitivity (1 mA/m input) HFA - SPLIV @ 31.6 mA/m (ANSI) Full-on telecoil sensitivity @ 1mA/m	Max. HFA 1600 Hz/HFA	N/A N/A	 N/A N/A	dB SPL
Equivalent input noise		22	21	dB SPL
Frequency range (DIN 45605/ANSI)		100-7120	100-6960	Hz
Current drain		1.1	1.2	mA

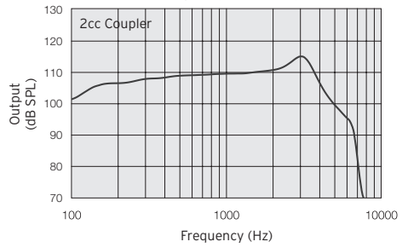
Data in accordance with IEC 60118-0, IEC 60118-7 and ANSI S3.22-2009; supply voltage 1.3 V.

Patents pending

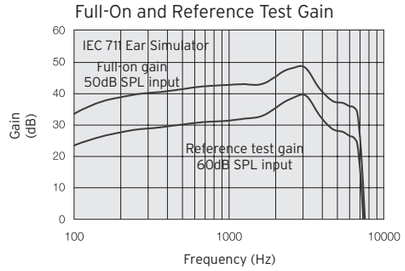
Maximum Output (OSPL 90)



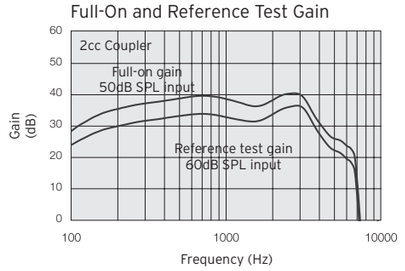
Maximum Output (OSPL 90)



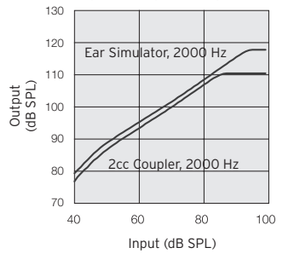
Full-On and Reference Test Gain



Full-On and Reference Test Gain



Input/Output Response



Notes:
O.E.S. = Occluded Ear Simulator
2cc = 2 cm^3 coupler
Pi = Acoustic input signal

Basic settings:
Full-on Gain, Reference Test Gain
MPO = Maximum Power Output
Maximum Band Width

Measured according to IEC60118-0 Edition3.0 2015-06 at 1.3 V, impedance 6.2 ohms and 23°C on 2cc coupler. Resp. on 2cc according to IEC60118-7 Second edition 2005-10 and ANSI/ASA S3.22-2009 (HFA average calculated at 1000 Hz, 1600 Hz and 2500 Hz; 0 dBSPL sound pressure equals 20µPa). All measurements without DSP features activated unless indicated otherwise
Measurement on O.E.S according to IEC711 1981
According to IEC60118-0 Edition 2 1983 and amendment 1 1994

All specifications are subject to change without notice

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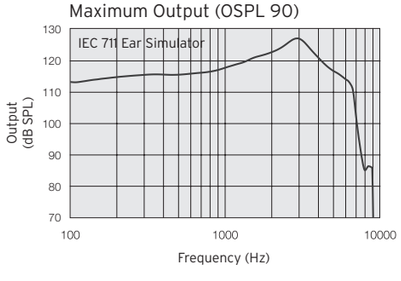
Technical Specifications

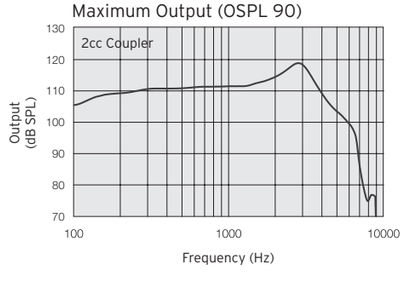
		RDCIC (MP)		
		IEC 60118-0 2nd IEC 711 Ear simulator	IEC 60118-0 3rd IEC 60118-7 ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	40	36	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	59 50	50 45	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	127 121	119 113	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.5 0.9 1.0	0.7 0.8 0.9	%
Telecoil sensitivity (1 mA/m input) HFA - SPLIV @ 31.6 mA/m (ANSI) Full-on telecoil sensitivity @ 1mA/m	Max. HFA 1600 Hz/HFA	N/A N/A	 N/A N/A	dB SPL
Equivalent input noise		24	21	dB SPL
Frequency range (DIN 45605/ANSI)		100-7170	100-7110	Hz
Current drain		1.1	1.3	mA

Data in accordance with IEC60118-0 Edition3.0 2015-06, IEC60118-7 and ANSI S3.22-2009, supply Voltage 1.3V

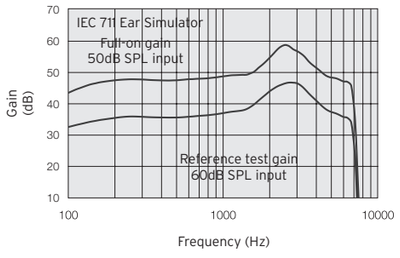
Maximum Output (OSPL 90)



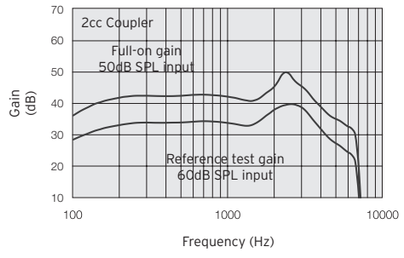
Maximum Output (OSPL 90)



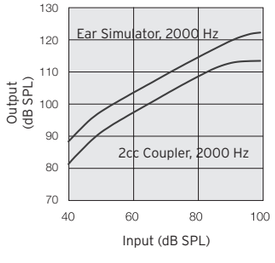
Full-On and Reference Test Gain



Full-On and Reference Test Gain



Input/Output Response



Patents pending

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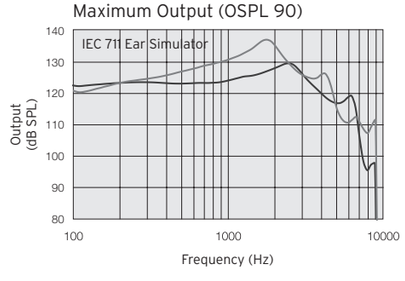
Technical Specifications

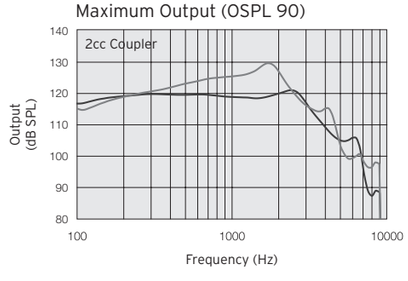
		RDCIC (HP)		RDCIC (UP)		
		IEC 60118-0 2nd IEC 711 Ear simulator	IEC 60118-0 3rd IEC 60118-7 ANSI S3.22 2cc coupler	IEC 60118-0 2nd IEC 711 Ear simulator	IEC 60118-0 3rd IEC 60118-7 ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	47	43	59	49	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	69 59	60 54	79 70	70 63	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	130 126	121 120	137 136	130 125	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.6 1.3 0.8	0.4 0.7 0.5	0.5 1.4 0.4	0.5 1.0 0.2	%
Telecoil sensitivity (1 mA/m input) HFA - SPLIV @ 31.6 mA/m (ANSI) Full-on telecoil sensitivity @ 1mA/m	Max. HFA 1600 Hz/HFA	N/A N/A	 N/A N/A	N/A N/A	 N/A N/A	dB SPL
Equivalent input noise		22	20	24	20	dB SPL
Frequency range (DIN 45605/ANSI)		100-6930	100-6770	140-4720	100-4700	Hz
Current drain		1.2	1.2	1.1	1.1	mA

Data in accordance with IEC60118-0 Edition3.0 2015-06, IEC60118-7 and ANSI S3.22-2009, supply Voltage 1.3V

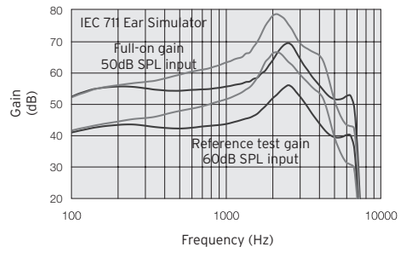
Maximum Output (OSPL 90)



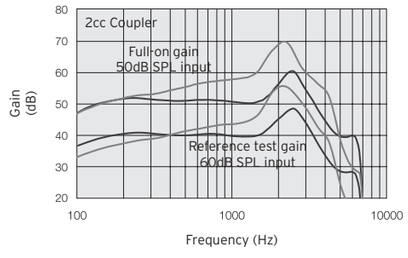
Maximum Output (OSPL 90)



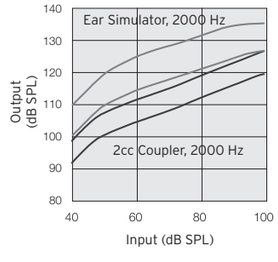
Full-On and Reference Test Gain



Full-On and Reference Test Gain



Input/Output Response



HP
UP

Patents pending

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