



RD70-DW (Thin-tube) RD70-DW (Closed)

Interton Ready

Product Description

The new Interton Ready is a full family of hearing aids built on the GN 2.4 GHz wireless technology featuring ear-to-ear communication, directionality and noise management options for great speech understanding and listening comfort.

The new Interton Ready hearing aids are made for Apple, which allows the user to stream audio directly from Apple devices and the Interton Sound App offers enhanced personal control.

Furthermore, the new Interton Ready family works with the full line of Interton Wireless Accessories for an even better user experience.

The Interton Ready BTE hearing aids are with Nano Coating for optimum durability and meet the IP58 classification for ingress protection.

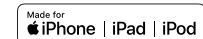
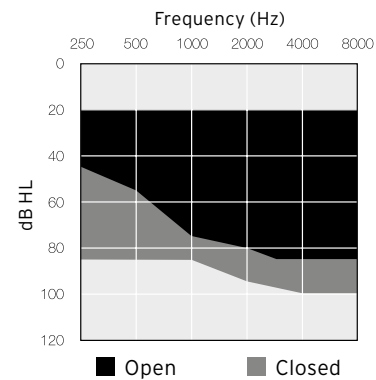
Models 70 Behind-the-Ear (BTE) hearing aids support closed and open configurations.

The 70 BTE model comes standard with Push Button, Volume Control, Telecoil, and Direct Audio Input (DAI) functionality.

Interton Ready BTE 70 is fully compatible with SureFit™ thin tubes and domes.

Model	RD670-DW	RD470-DW	RD370-DW	RD270-DW
Device Configurations				
Battery size	13			
Colors available	5			
Sound Quality				
"WARP compression (WDRC) - number of channels	14	12	8	6
Comfort				
Adaptive Noise Reduction	3 settings	2 settings	1 setting	1 setting
Adaptive Wind Noise Reduction	2 settings	1 setting	1 setting	-
Environmental Gain Tuner	●	-	-	-
Speech Understanding				
Integrated Directionality	●	-	-	-
Automatic Beamwidth	●	-	-	-
Selectable Beamwidth	●	●	-	-
Auto-Steered Directionality	●	●	●	-
Speech-Focused Directionality	●	●	●	●
Fixed Directionality	●	●	●	●
Feedback Management				
Feedback Manager Plus	●	●	●	●
Auto DFS/Preset Feedback Manager	●	●	●	●
Onboarding				
Acclimatization Manager	●	-	-	-
Convenience				
Ear to Ear Communication (Push Button, Volume Control)	●	●	-	-
AutoPhone	●	●	●	●
Made for Apple	●	●	-	-
Remote Control 2	●	●	●	●
TV Streamer 2	●	●	●	-
Phone Clip 2	●	●	●	-
Multi Mic	●	●	●	-
Micro Mic	●	●	●	-
Interton Sound App/Interton EasyHearing App	●	●	●	-
Robustness				
Nano Coating	●	●	●	●
Fitting Flexibility				
Max Gain Handles	14	12	8	6
Number of Programs	4	4	4	4
Frequency Shifter	●	●	●	●
TSG	●	●	●	●
Interton Fitting 1.0	●	●	●	●
Wireless Fitting	●	●	●	●

Fitting Range



Technical Specifications

RD70-DW (Thin-Tube)

		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	45	38	dB
Full-on gain (50 dB SPL input)	Max.	62	51	dB
	1600 Hz/HFA	54	48	
Maximum output (90 dB SPL input)	Max.	131	127	dB SPL
	1600 Hz/HFA	121	116	
Total harmonic distortion	500 Hz	0.5	0.2	%
	800 Hz	0.5	0.2	
	1600 Hz	0.9	0.6	
Telecoil sensitivity (1 mA/m input)	Max.	94		dB SPL
	HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	100	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	87	80	
Equivalent input noise		25	22	dB SPL
Frequency range (DIN 45605/ANSI)		100-6920	100-6810	Hz
Current drain		1.2	1.2	mA

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

Technical Specifications

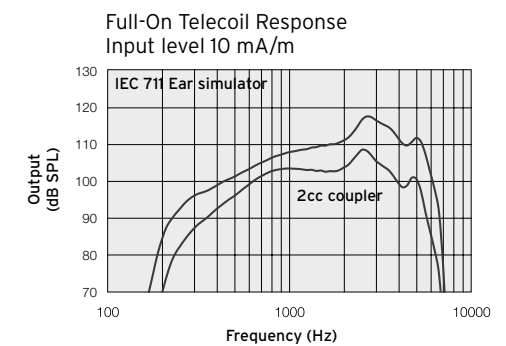
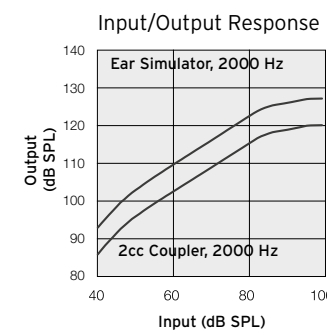
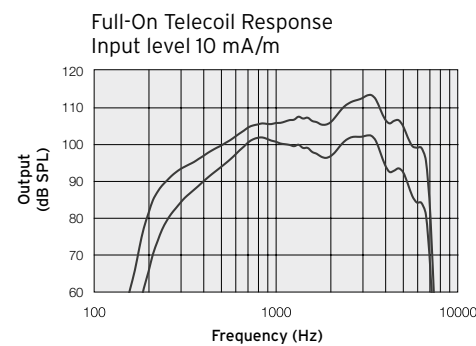
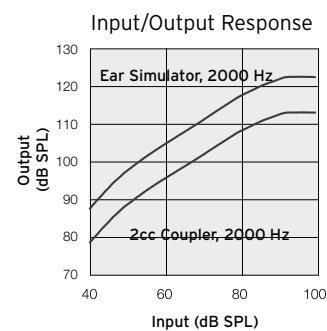
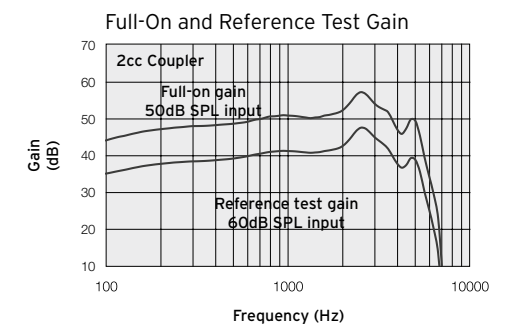
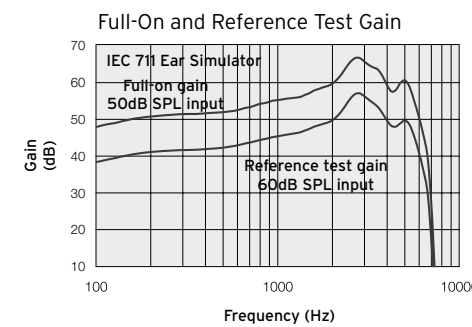
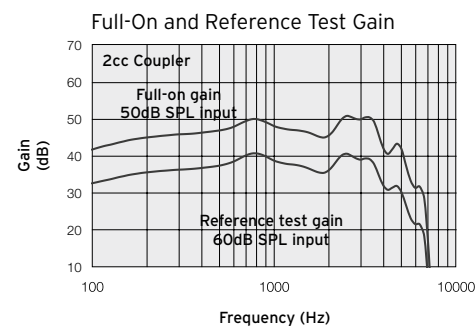
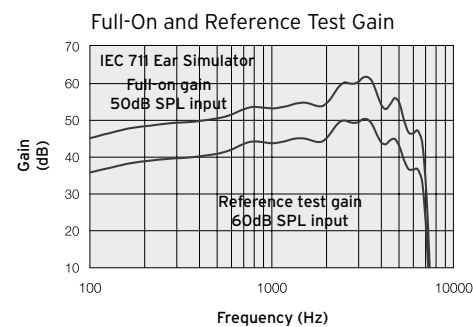
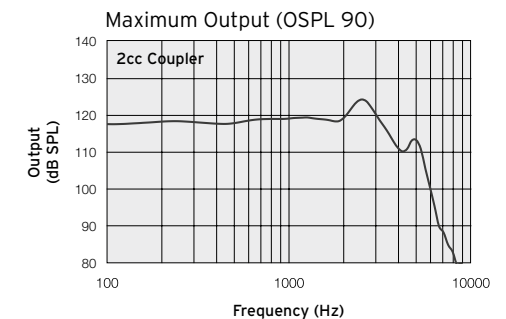
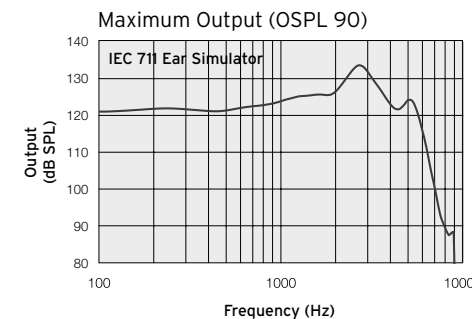
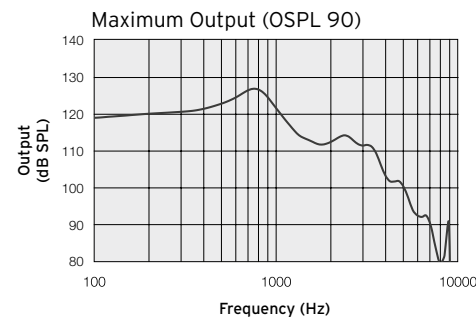
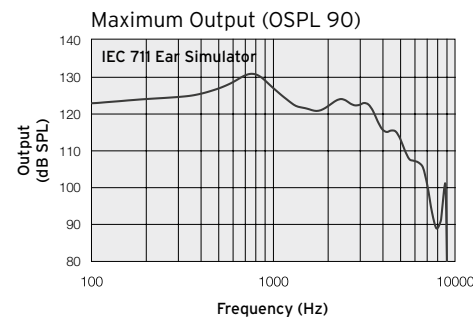
RD70-DW (Closed)

		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	48	43	dB
Full-on gain (50 dB SPL input)	Max.	66	57	dB
	1600 Hz/HFA	58	53	
Maximum output (90 dB SPL input)	Max.	134	124	dB SPL
	1600 Hz/HFA	126	121	
Total harmonic distortion	500 Hz	0.4	0.4	%
	800 Hz	1.4	0.8	
	1600 Hz	0.9	0.7	
Telecoil sensitivity (1 mA/m input)	Max.	98		dB SPL
	HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	105	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	90	85	
Equivalent input noise		25	20	dB SPL
Frequency range (DIN 45605/ANSI)		100-6560	100-6140	Hz
Current drain		1.2	1.2	mA

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

Patents pending

All specifications are subject to change without notice



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Notes:
O.E.S. = Occluded Ear Simulator
2cc = 2 cm³ 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 dB SPL 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 .