

INTERTON
START 
 BUDGET CLASS HEARING SYSTEM

CIC
Technical Datasheet



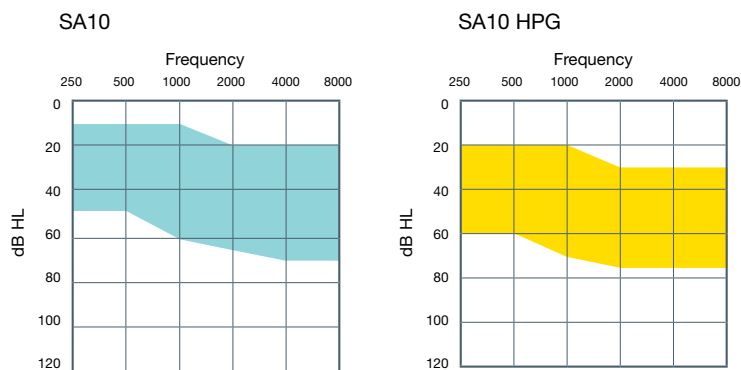
Models: SA10 • SA10 HPG

Interton Start uses well-proven digital hearing technology, including noise suppression, directionality and environmental programmes. So if you are looking for a fully featured hearing aid to attract today's more budget-minded customers, Interton Start is the perfect solution.

Features/Options

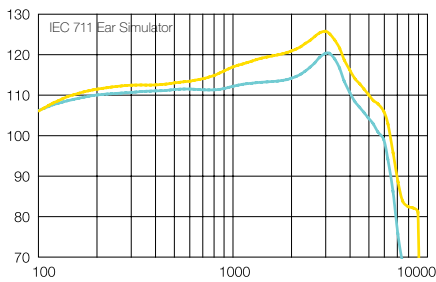
- Logarithmic 6 Channel WDRC
- 6 Gain Handles in Fitting Software
- Background Noise Reduction
- Microphone Noise Reduction
- Adaptive Feedback Cancellation
- Audible Signal Tones
- Earwax Management System
- Standard and Power Configurations
- On/Off switch via the battery door
- Left/right side indicators

Fitting ranges

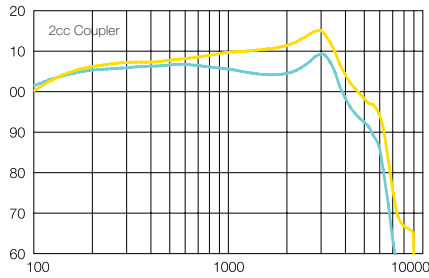


Electroacoustic Performance CIC		SA10			SA10 HPG			
		IEC 118-0 Ear Simulator	IEC 118-7 2cc Coupler	ANSI S3.22	IEC 118-0 Ear Simulator	IEC 118-7 2cc Coupler	ANSI S3.22	
Reference test gain (60 dB SPL input)	1600 Hz	28	26	26	37	35	35	dB
Full-on gain (50 dB SPL input)	Max.	45	34	34	55	45	45	dB
	1600 Hz	38	29	29	47	38	38	dB
Maximum output (90 dB SPL input)	Max.	121	110	110	126	116	116	dB SPL
	1600 Hz	114	105	105	120	112	112	dB SPL
Total harmonic distortion	800 Hz	0,8	0,7	0,7	1,4	0,5	0,5	%
	1600 Hz	1,0	1,2	1,2	1,2	1,5	1,5	%
Equivalent input noise w/o Noise reduction		23	23	23	27	28	28	dB SPL
Frequency range (DIN 45605)		100 - 5910	100 - 5860	100 - 5860	200 - 5780	100 - 5860	100 - 5860	Hz
Current Drain		0,85	0,9	0,9	0,88	0,9	0,9	mA
Typical Battery life time (Battery type 10)		106	100	100	102	100	100	hrs

Maximum Output (OSPL 90)



Maximum Output (OSPL 90)



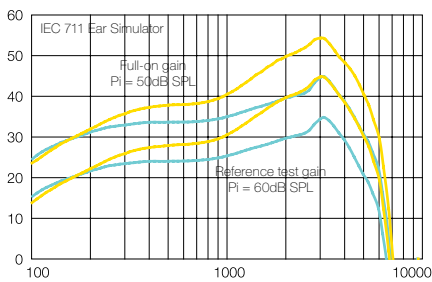
Notes:

O.E.S. = Occluded Ear Simulator
 2cc = 2 cm³ coupler
 Pi = Acoustic input signal

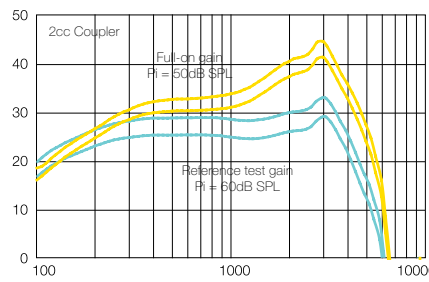
Basic settings:

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

Full-On and Reference Test Gain

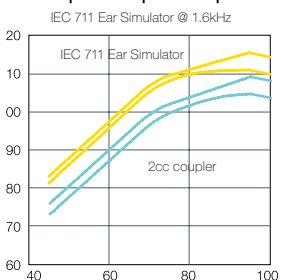


Full-On and Reference Test Gain



Measured according IEC 118-0 1983, amendment 1994; at 1.3 V and 23°C on O.E.S. according to IEC711 1981, resp on 2cc according to IEC60118-7 2nd edition 2005 (DIN average calculated at 500 Hz, 1000 Hz and 2000 Hz; 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.

Input/Output Response



Standard HPG