

INTERTON START[®]

BUDGET CLASS HEARING SYSTEM

BTE

Technical Datasheet



Models: SA70 • SA70 Open
SA70-D • SA70-D Open

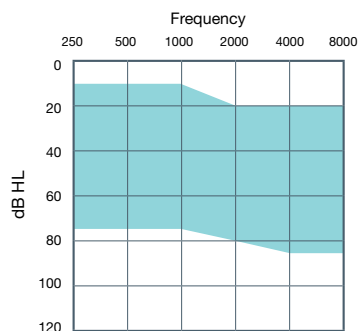
Interton Start uses well-proven digital hearing technology, including noise suppression, directionality and environmental programmes. So if you are looking for a fully featured hearing aid to attract today's more budget-minded customers, Interton Start is the perfect solution.

Features/Options

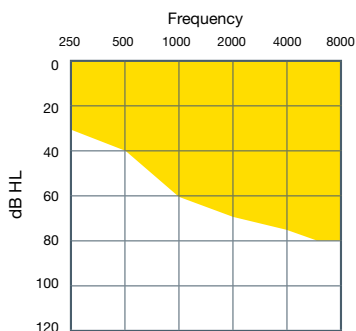
- Logarithmic 6 Channel WDRC
- 3 Gain Handles in Fitting Software
- Background Noise Reduction
- Microphone Noise Reduction
- Adaptive Feedback Cancellation
- Push Button with up to 3 Programs
- Telecoil with M-T Balance
- Fixed Directionality/ 2 microphones
- Stand-by Mode
- Audible Signal Tones
- Earwax Management System
- Open and Closed configuration

Fitting ranges

SA70 • SA70-D



SA70 Open • SA70-D Open



Electroacoustic Performance BTE

INTERTON
START

SA70, SA70-D

SA70 Open, SA70-D Open

IEC 118-0
Ear Simulator

IEC 118-7
2cc Coupler

ANSI S3.22

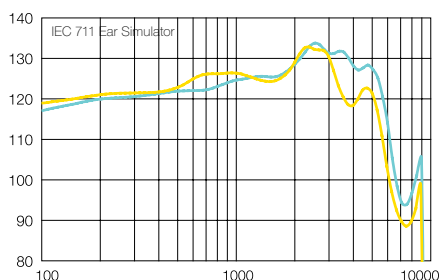
IEC 118-0
Ear Simulator

IEC 118-7
2cc Coupler

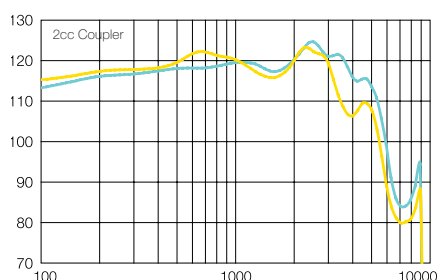
ANSI S3.22

Reference test gain (60 dB SPL input)	1600 Hz	47	43	43	45	44	44	dB
Full-on gain (50 dB SPL input)	Max.	71	62	62	62	52	52	dB
	1600 Hz	60	56	56	55	48	48	dB
Maximum output (90 dB SPL input)	Max.	134	126	126	133	124	124	dB SPL
	1600 Hz	126	121	121	124	120	120	dB SPL
Total harmonic distortion	800 Hz	2,0	1,2	1,2	0,8	0,5	0,5	%
	1600 Hz	1,4	0,6	0,6	0,6	0,6	0,6	%
Telecoil sensitivity (1 mA/m input)	Max.	102	-	-	97	-	-	dB SPL
HFA - SPLITS @ 31.6 mA/m (ANSI)	Max.	-	86	104	-	80	106	dB SPL
Equivalent input noise w/o Noise reduction		31	26	26	29	26	26	dB SPL
1/3 Octave Equivalent Input Noise, w/o Noise reduction		15	-	-	15	-	-	dB SPL
Frequency range (DIN 45605)		100 - 6220	100 - 5990	100 - 5970	100 - 5830	100 - 5680	100 - 5690	Hz
Current Drain		0,85	0,86	0,86	0,86	0,91	0,91	mA
Typical Battery life time (Battery type 13)		341	337	337	337	319	319	hrs

Maximum Output (OSPL 90)



Maximum Output (OSPL 90)



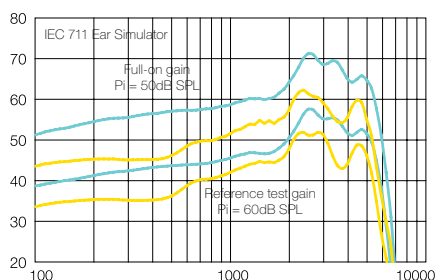
Notes:

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

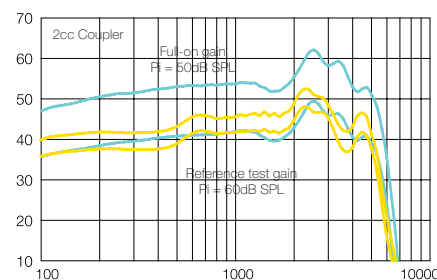
Basic settings:

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

Full-On and Reference Test Gain

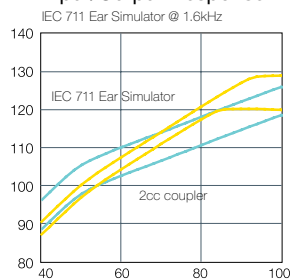


Full-On and Reference Test Gain

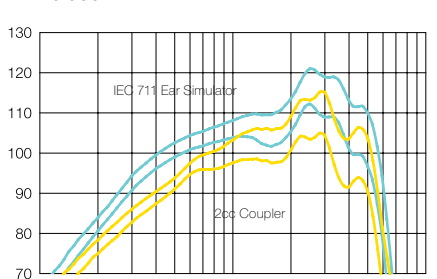


Measured according IEC 118-0 1983, amendment 1994; at 1.3 V and 23°C on O.E.S. according to IEC711 1981, resp on 2cc according to IEC60118-7 2nd edition 2005 (DIN average calculated at 500 Hz, 1000 Hz and 2000 Hz; HFA average calculated at 1000 Hz, 1600 Hz and 2500 Hz; 0 dB SPL sound pressure equals 20μPa). All measurements without DSP features activated unless indicated otherwise.

Input/Output Response



Telecoil



Standard Open