INTERTON

START

BUDGET CLASS HEARING SYSTEM

ITE

Technical Datasheet

Models: SA40 • SA40 HPG • SA40-D • SA40-D HPG
SA50 • SA50 HPG • SA50-D • SA50-D HPG

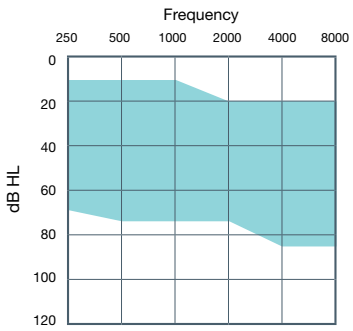
Interton Start uses well-proven digital hearing technology, including noise suppression, directionality and environmental programmes. So if you are looking for a fully featured hearing aid to attract today's more budget-minded customers, Interton Start is the perfect solution.

Features/Options

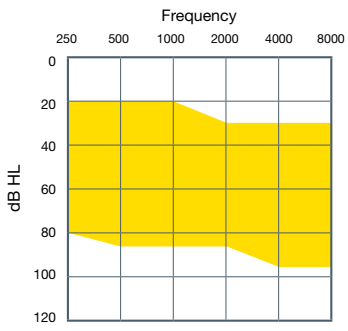
- Logarithmic 6 Channel WDRC
- 3 Gain Handles in Fitting Software
- Background Noise Reduction
- Microphone Noise Reduction
- Adaptive Feedback Cancellation
- Push Button with up to 3 Programs
- Telecoil with M-T Balance
- Fixed Directionality/ 2 microphones (optional)
- Volume Control (optional)
- Stand-by Mode
- Audible Signal Tones
- Earwax Management System
- Standard and Power Configurations
- On/Off switch via the battery door
- Left/right side indicators

Fitting ranges

SA40 • SA50 •
SA40-D • SA50-D



SA40 HPG • SA50 HPG •
SA40-D HPG • SA50-D HPG



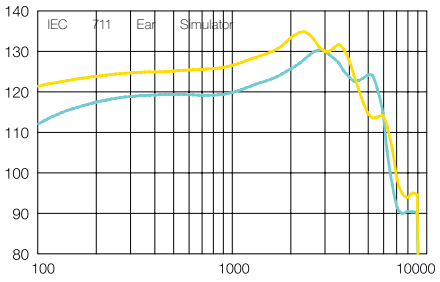
INTERTON

Electroacoustic Performance ITE

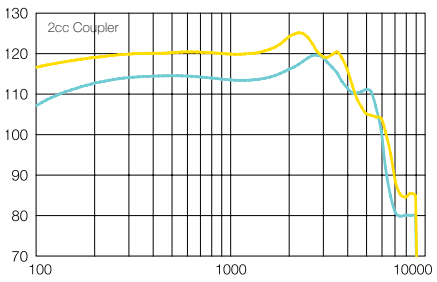
INTERTON START

		A140, A140-D, A150, A150-D			A140 HPG, A140-D HPG, A150 HPG, A150-D 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	41	39	39	51	48	48	dB
Full-on gain (50 dB SPL input)	Max.	62	52	52	70	60	60	dB
	1600 Hz	53	45	45	63	54	54	dB
Maximum output (90 dB SPL input)	Max.	131	120	120	135	125	125	dB SPL
	1600 Hz	123	116	116	130	122	122	dB SPL
Total harmonic distortion	800 Hz	2,2	1,0	1,0	1,6	0,9	0,9	%
	1600 Hz	1,6	1,0	1,0	0,7	0,7	0,7	%
Telecoil sensitivity (1 mA/m input)	Max.	91	-	-	100	-	-	
HFA - SPLITS @ 31.6 mA/m (ANSI)	Max.	-	99	99	-	108	108	
Equivalent input noise w/o Noise reduction		27	26	23	24	30	30	
Frequency range (DIN 45605)		110 - 6270	100 - 6220	100 - 6220	100 - 5230	100 - 5300	100 - 5300	Hz
Current Drain		0,99	1,04	1,04	1	1,05	1,05	mA
Typical Battery life time (Battery type 13)		293	279	279	290	276	276	hrs

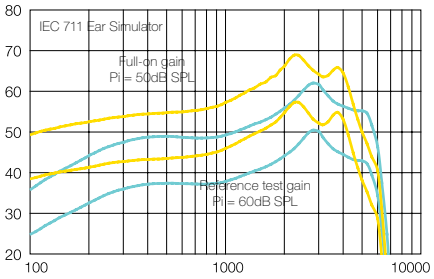
Maximum Output (OSPL 90)



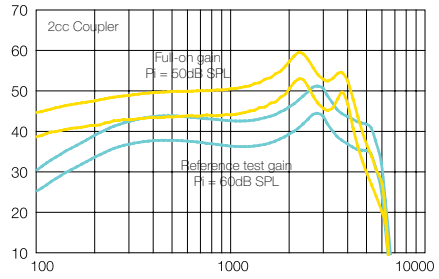
Maximum Output (OSPL 90)



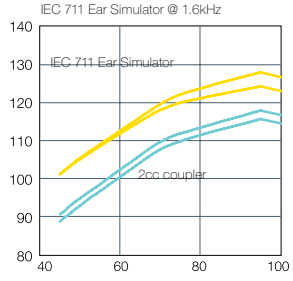
Full-On and Reference Test Gain



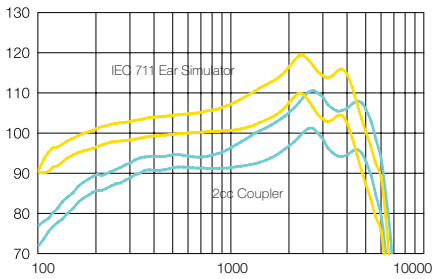
Full-On and Reference Test Gain



Input/Output Response



Telecoil



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 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 dBSPL sound pressure equals 20µPa). All measurements without DSP features activated unless indicated otherwise.

Standard HPG

17183400-GB-09.08-Rev.B

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