

INTERTON GAIN™

Product Description

Interton Gain™ is a super power hearing aid made to give customers with severe-to-profound hearing loss a great hearing experience at an affordable price. It makes a huge impact on people's lives by enabling them to hear sounds they may have forgotten about and gives them all-day comfort with its ergonomic and robust design. It's the perfect choice for your super power customers.

Standard Configuration

- Nano coating Protection
- Classic configuration
- Push button
- Analogue volume control with numeric indicator
- Size 675 battery
- Battery door with integrated On/Off switch
- 3 colour options
- Telecoil with T and MT modes
- Direct Audio Input
- Supports Standard Earmould
- Standard hook, mini hook and hook with damping filter

Fitting Requirements

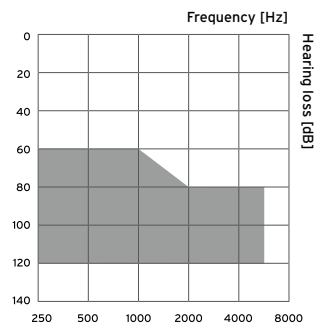
- Appraise 2 software (2.2 or higher)
- Programming Adaptor II with CS44 socket cable
- Speedlink™, HI-PRO or NoahLink interface (Speedlink recommended)



SUPER POWER BTE GAN390-DVI, GAN290-DVI

GAIN & OUTPUT	GAIN 3	GAIN 2
Max. Output (Ear simulator/2cc coupler)	144 dB SPL / 139 dB SPL	144 dB SPL / 139 dB SPL
Max. Gain (Ear simulator/2cc coupler)	86 dB / 81 dB	86 dB / 81 dB
SOUND PROCESSING		
Channels	12	12
Gain handles	6	6
Environmental program	Up to 4 programs	Up to 3 programs
Adaptive Noise Reduction	Yes	Yes
Frequency Shifting	Yes	No
Linear mode (Peak and Soft Compression)	Yes	Yes
Wide Dynamic Range Compression	Yes	Yes
Multi-channel MPO (Maximum Power Output)	Yes	Yes
SPEECH UNDERSTANDING		
Fixed Directionality	Yes	Yes
Speech-focused Directionality	Yes	No
Auto-steered Directionality	Yes	No
FEEDBACK MANAGEMENT		
Feedback Manager	No	Yes
Feedback Manager Plus incl. Feedback Guard	Yes	No
BASICS		
Signal tones (Low battery, program changes)	Yes	Yes
Power-on Delay	Yes	Yes
PROTECTION		
Nano Coating	Yes	Yes
SPECIALS		
Datalogging	Yes	Yes
AutoPhone	Yes	Yes
In-Situ Audiometry	Yes	Yes

Fitting Range



Technical specifications

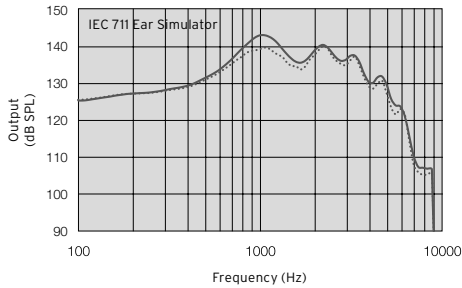
GAN390-DVI, GAN290-DVI

		IEC 60118-0 IEC 711 Ear simulator	IEC 60118-7 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	61	54	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	86 80	81 75	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	144 136	139 131	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	1,9 1,1 0,6	1,5 0,7 0,4	%
Telecoil sensitivity (1 mA/m input)	Max.	117	-	dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	-	114	dB SPL
Full-on Telecoil sensitivity @ 1mA/m	1600 Hz / HFA	110	106	dB SPL
Equivalent input noise w/o Noise reduction		25	23	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	13	-	dB SPL
Frequency range (DIN 45605)		180-5130	100-4850	Hz
Current Drain (Quiescent / Operating)		1,1 / 1,4	1,1 / 1,7	mA
Typical Battery life time (Battery type 675)		450	371	hrs

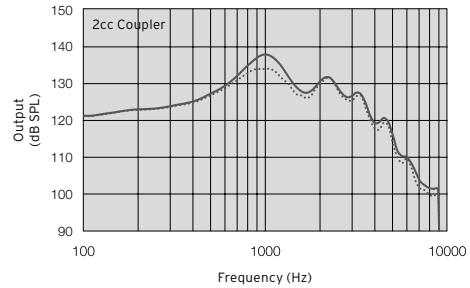
Data in accordance with IEC 60118-0, IEC 60118-7;
Supply Voltage 1.3 V.

Patents pending

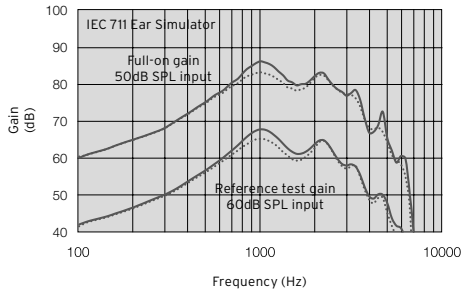
Maximum Output (OSPL 90)



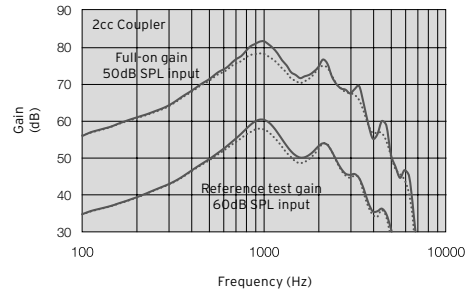
Maximum Output (OSPL 90)



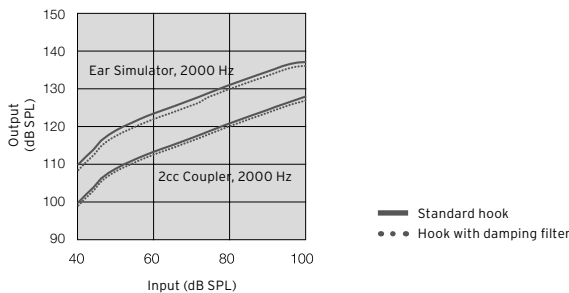
Full-On and Reference Test Gain



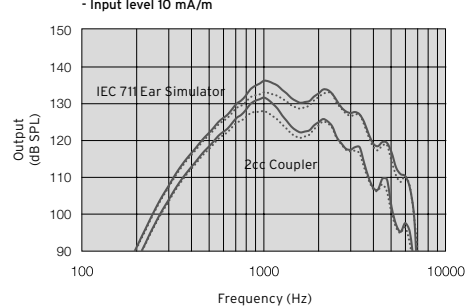
Full-On and Reference Test Gain



Input/Output Response



Telecoil response



All specifications are subject to change without notice

400280000-GB16.04-Rev.C