

ReSound Magna™

Product Description

Having a severe or profound hearing loss presents significant challenges for hearing in daily life. This is why we have developed ReSound Magna™ – a powerful, digital Super Power BTE – tailor made to maximize audibility and reduce stress in everyday listening situations.

Standard Configuration

- Full iSolate™ nanotech coating
- Classic configuration
- Push button
- Analog volume control with numeric indicator
- Size 675 battery
- Battery door with integrated On/Off switch
- 5 color options
- Telecoil with T and MT modes
- Direct Audio Input
- Supports Standard Earmold
- Standard hook, mini hook and hook with damping filter

Fitting Requirements

- Aventa 3 fitting software (3.6 or higher)
- Programming Adaptor II with CS44 socket cable
- Speedlink™, HI-PRO or NoahLink interface (Speedlink recommended)

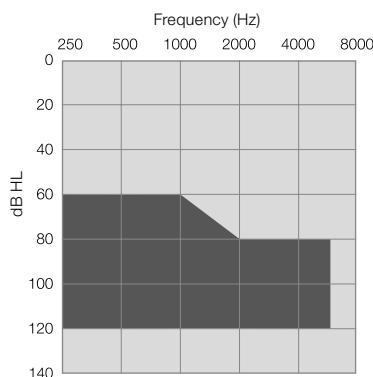


ReSound Magna 4

SUPER POWER BTE MG490-DVI

Sound Quality	ReSound Range™ II chip	●
	Surround Sound™ by ReSound	●
	WARP™ compression - number of bands	9
	DFS Ultra™ with built-in Whistle Control	●
	Sound Shaper™	●
	Expansion	●
Performance in noise	Adaptive Directionality with Integrated Wind Noise Management™	●
	SoftSwitching™	●
	Fixed Directionality	●
	NoiseTracker II™	●
Ease of use	Telecoil	●
	Direct Audio Input (DAI)	●
	Datalogging	●
	PhoneNow™	●
Flexible fitting	Linear mode (soft/hard peak clipping)	Yes
	Wide Dynamic Range Compression (WDRC)	Yes
	Programs (up to)	4
	Gain handles	6
	In-situ Audiometry™	●
	SmartStart™	●
Protection	iSolate™ nanotech	●

Fitting Range



ReSound

rediscover hearing

ReSound Magna™

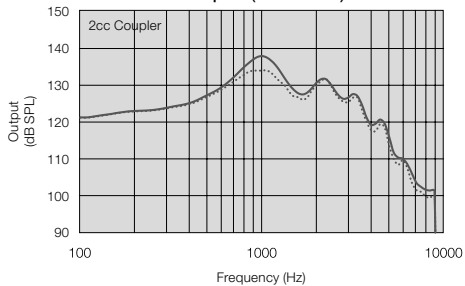
MG90-DVI			
ANSI 3.22-2009 2cc coupler			
Reference test gain (60 dB SPL input)	HFA	54	dB
Full-on gain (50 dB SPL input)	Max.	81	dB
	HFA	75	
Maximum output (90 dB SPL input)	Max.	139	dB SPL
	HFA	131	
Total harmonic distortion	500 Hz	1.5	%
	800 Hz	0.7	
	1600 Hz	0.4	
Telecoil sensitivity (SPIV @ 31.6 mA/m)	HFA	114	dB SPL
Full-on Telecoil sensitivity @ 1mA/m	1600 Hz / HFA	106	
Equivalent input noise w/o Noise reduction		23	dB SPL
Frequency range (DIN 45605)		100-4850	Hz
Current Drain (in test mode)		1.1	mA

Technical specifications

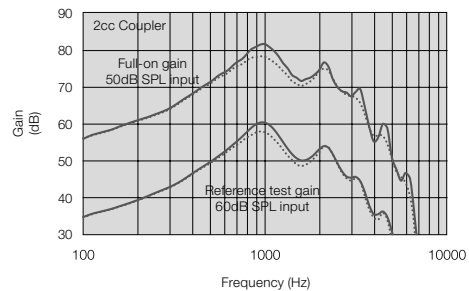
Data in accordance with ANSI 3.22.2009, IEC 60118-7; Supply Voltage 1.3 V.

Patents pending

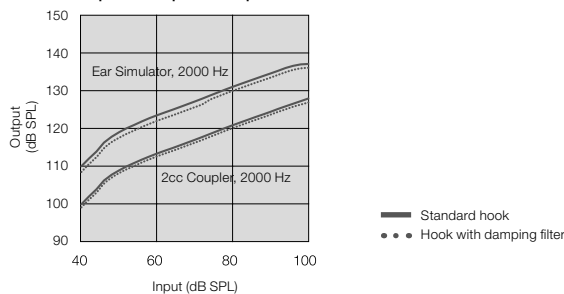
Maximum Output (OSPL 90)



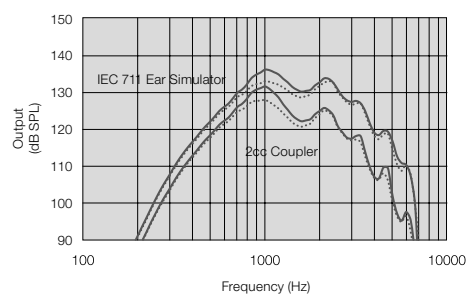
Full-On and Reference Test Gain



Input/Output Response



Telecoil response
- Input level 10 mA/m



All specifications are subject to change without notice

400265011-US-13.12-Rev.A

ReSound North America
8001 Bloomington Freeway
Bloomington, MN 55420
1-888-735-4327
consumerhelp@gnresound.com

ReSound Government Services
8001 Bloomington Freeway
Bloomington, MN 55420
1-800-392-9932
VAinfo@gnresound.com

ReSound Canada
303 Supertest Road
Toronto, Ontario M3J 2M4
1-888-737-6863
www.gnresound.ca/