

ReSound Essence

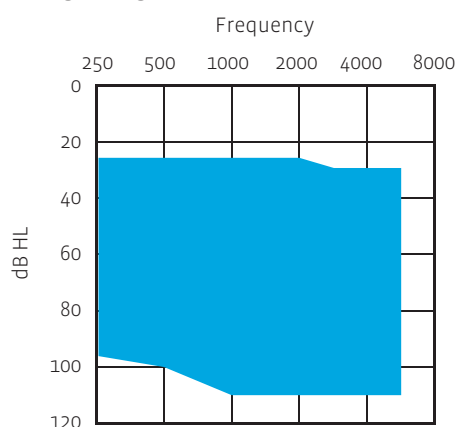
PRODUCT INFORMATION



ReSound Essence ES80-VI & ES80-DVI is part of a strong new family of hearing instruments. With the capability to compensate for severe/profound hearing losses and state of the art technology in its class, the ReSound Essence Power BTE is able to offer excellent hearing solutions.

ReSound Essence is based on the latest chip technology and offers a surprisingly great package for any budgets without compromising quality or benefits. The instrument provides outstanding sound processing and quality as well as better speech understanding with the very fast WARP system, Noise Reduction and a Fixed Directionality. The strong ReSound DFS system also cancels out feedback and allows for more stability and power. Overall, ReSound Essence offers a simply surprising product feature set for better sound quality and more comfort.

Fitting Range



ReSound Essence Key Features

- Ergonomic Power BTE design
- 6-band WARP™ Compressor
- Stabilizer DFS™ Feedback Cancellation
- Noise Reduction
- Fixed Directionality
- Analogue Volume Wheel with numbers 1-4
- Low Battery Consumption Chip Technology
- Low battery warning indicator
- Push Button with up to 2 environmental programmes + option of Telecoil, DAI or MT modes

Standard Configuration

- Size 13 battery
- Acoustic indicator for programme selection
- Direct Audio Input
- On/Off function Battery Door
- Programmable Telecoil with T or MT

Optional Configuration

- FM link compatible Audio Shoe
- Volume Wheel cover
- Cros/Bi-Cros
- 5 practical colours; Black, Dark Brown, Medium Blonde, Beige & Marble Grey

Fitting Requirements

- Aventa Fitting Software (version 2.6 or higher)
- CS44 BTE socket cable
- Speedlink, HI-PRO or NOAHlink interface (Speedlink recommended)



GN ReSound A/S

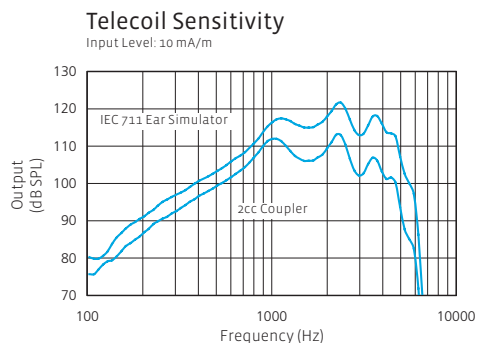
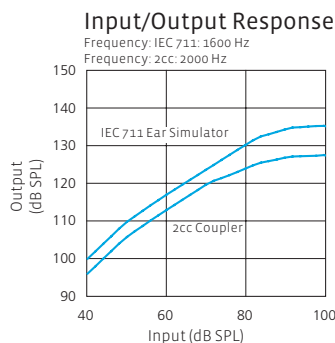
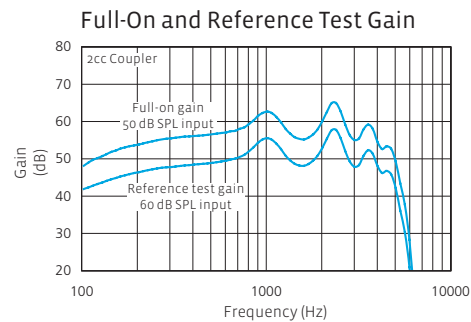
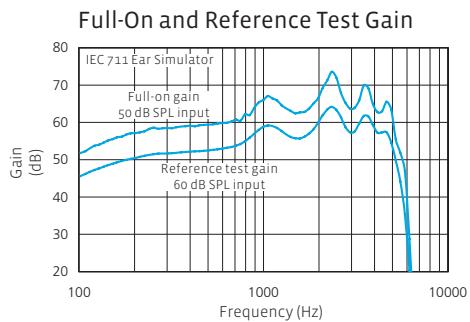
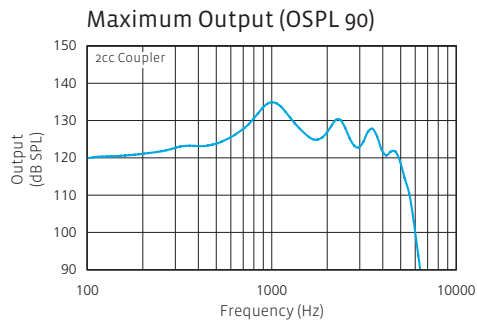
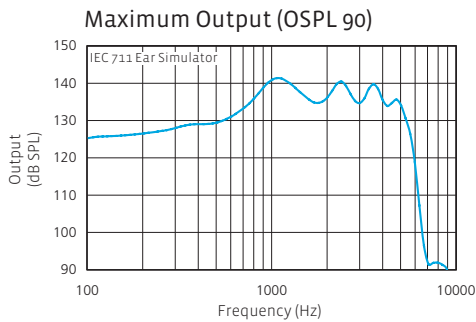
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ES80-VI/ES80-DVI POWER BTE

Technical Specifications

		IEC 60118-0 IEC 711 Ear Simulator	IEC 60118-7 2cc Coupler
Reference Test Gain (60 dB SPL Input)	1600 Hz / HFA	57 dB	54 dB
Full-On Gain (50 dB SPL Input)	Max	74 dB	66 dB
	1600 Hz / HFA	64 dB	61 dB
Maximum Output (90 dB SPL Input)	Max	142 dB SPL	137 dB SPL
	1600 Hz / HFA	135 dB SPL	131 dB SPL
Total Harmonic Distortion	800 Hz	0.6 %	0.4 %
	1600 Hz	0.7 %	0.4 %
Telecoil sensitivity (118-0: 1mA/m; 118-7: 31.6mA/m)	Max/HFA	102 dB SPL	114 dB SPL
Equivalent Input Noise, w/o Noise reduction		26 dB SPL	22 dB SPL
1/3 octave EIN w/o Noise Reduction	1600 Hz	12 dB	
Frequency Range (DIN 45605)		100-5920 Hz	100-5450 Hz
Current Drain		0.99 mA	0.99 mA
Typical Battery Life Time (Battery type 13)		293 hrs	293 hrs

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



Full/On Gain Parameter Settings*

	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	6 kHz
G[80]	49	49	49	49	42	40
G[50]	59	59	59	59	52	50

Reference Test Gain Parameter Settings for 118-0*

	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	6 kHz
G[80]	42	42	42	42	35	33
G[50]	52	52	52	52	45	43

Reference Test Gain Parameter Settings for ANSI and 118-7*

	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	6 kHz
G[80]	45	45	45	45	38	36
G[50]	55	55	55	55	48	46

All specifications are subject to change without notice.

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