

ReSound Essence

PRODUCT INFORMATION



ReSound Essence ES70-VI & ES70-DVI is part of a strong new family of hearing instruments. With the capability to compensate for mild to severe hearing losses and state of the art technology in its class, the ReSound Essence 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. Additionally, with the standard BTE model there is the option of Open Fitting to allow more comfort and easier fitting. Overall, ReSound Essence offers a simply surprising product feature set for better sound quality and more comfort.

ReSound Essence Key Features

- Ergonomic BTE design
- 6-band WARP™ Compressor
- Stabilizer DFS™ Feedback Cancellation
- Noise Reduction
- Fixed Directionality
- Open fitting capabilities or Open fitting with ThinTube solution
- 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

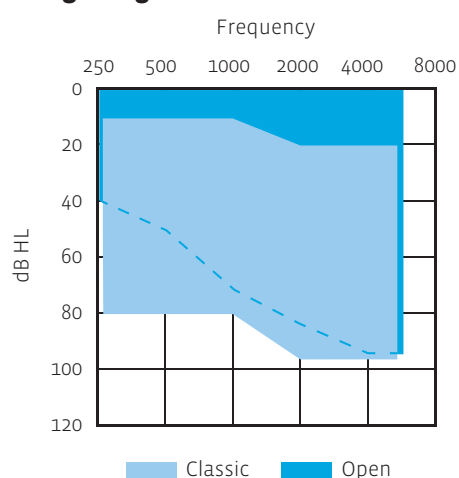
Optional Configuration

- 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)

Fitting Range



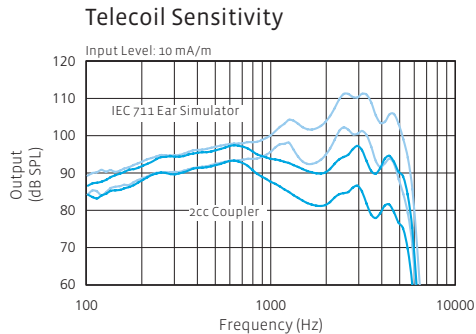
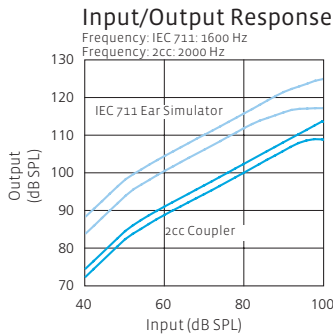
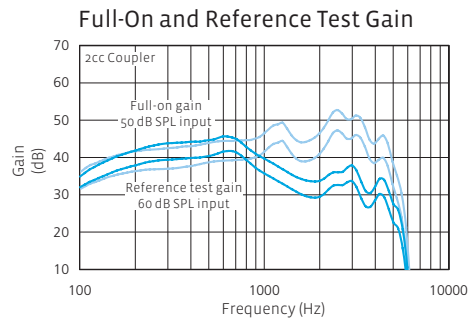
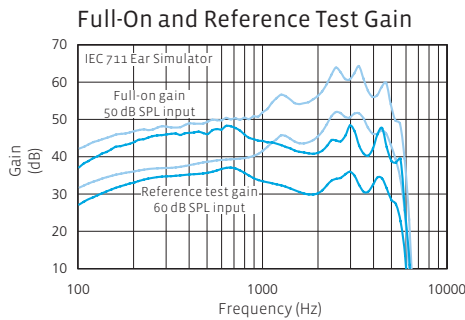
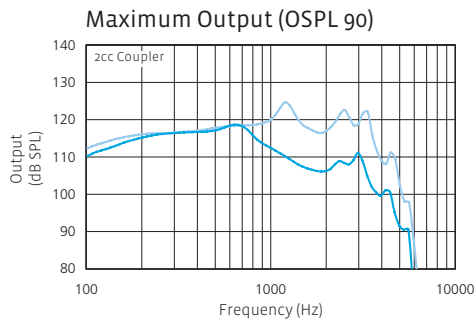
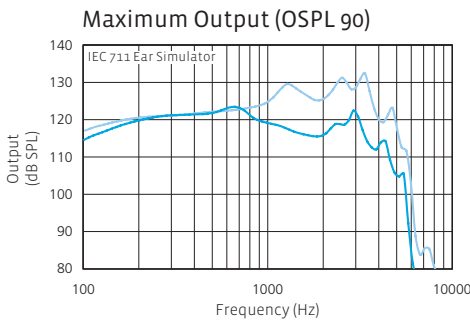
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ES70-VI/ES70-DVI BTE

		IEC 60118-0 IEC 711 Ear Simulator		IEC 60118-7 2cc Coupler	
		Classic	Open	Classic	Open
(60 dB SPL Input)	1600 Hz / HFA	45 dB	31 dB	42 dB	32 dB
(50 dB SPL Input)	Max	62 dB	48 dB	52 dB	44 dB
	1600 Hz / HFA	56 dB	41 dB	47 dB	36 dB
(90 dB SPL Input)	Max	133 dB SPL	122 dB SPL	125 dB SPL	118 dB SPL
	1600 Hz / HFA	126 dB SPL	115 dB SPL	120 dB SPL	109 dB SPL
	800 Hz	0.5 %	0.3 %	0.3 %	0.2 %
	1600 Hz	0.5 %	0.3 %	0.4 %	0.2 %
(118-0: 1mA/m; 118-7: 31.6mA/m)	Max/HFA	93 dB SPL	78 dB SPL	97 dB SPL	92 dB SPL
w/o Noise reduction		26 dB SPL	30 dB SPL	24 dB SPL	31 dB SPL
1/3 octave EIN w/o Noise Reduction	1600 Hz	12 dB SPL	12 dB SPL		
(DIN 45605)		100-5950 Hz	100-5930 Hz	100-5800 Hz	100-5830 Hz
		0.87 mA	0.78 mA	0.92 mA	0.83 mA
(Battery type 13)		333 hrs	372 hrs	315 hrs	349 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	3 kHz	4 kHz	5 kHz	6 kHz
G[80]	35/35	35/35	35/29	35/28	18	31	16	27
G[50]	48/48	48/48	48/42	48/41	29	44	31	40

Reference Test Gain Parameter Settings for 118-0*

	250 Hz	500 Hz	1 kHz	2 kHz	3 kHz	4 kHz	5 kHz	6 kHz
G[80]	33/33	33/33	33/27	33/26	16	29	14	25
G[50]	46/46	46/46	46/40	46/39	29	42	27	38

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

	250 Hz	500 Hz	1 kHz	2 kHz	3 kHz	4 kHz	5 kHz	6 kHz
G[80]	28/28	28/28	28/22	28/21	11	24	9	20
G[50]	41/41	41/41	41/35	41/34	24	37	22	33

Classic Open