ReSound

ES10/ES10-P CIC

ReSound Essence

PRODUCT INFORMATION

ReSound Essence ES10 & ES10-P is part of a strong new family of hearing instruments. With the capability to compensate for mild to moderate hearing losses and state of the art technology in its class, the ReSound Essence CIC 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 and Noise Reduction system. 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.

ReSound Essence Key Features

- Standard & High Power CIC
- 6-band WARP™ Compressor
- Stabilizer DFS™ Feedback Cancellation
- Noise Reduction
- Low Battery Consumption Chip Technology
- Low battery warning indicator

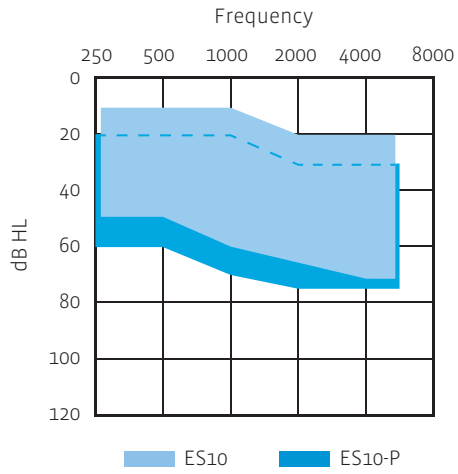
Standard Configuration

- Size 10A battery
- On/Off function Battery Door
- Available in 3 standard colours

Fitting Requirements

- Aventa Fitting Software (version 2.6 or higher
- CS63 FlexStrip Cable (3-pin)
- Speedlink, HI-PRO or NOAHlink interface (Speedlink recommended)

Fitting Range



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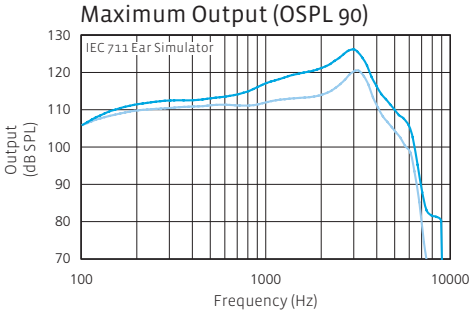
ReSound Essence™ Simply surprising

ES10/ES10-P CIC

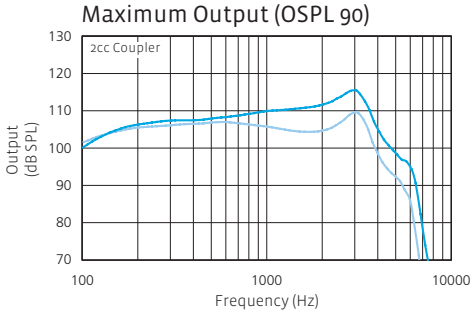
		IEC 60118-0 IEC 711 Ear Simulator		IEC 60118-7 2cc Coupler	
		ES10	**ES10-P**	**ES10**	**ES10-P**
(60 dB SPL Input)	1600 Hz / HFA	28 dB	37 dB	26 dB	35 dB
(50 dB SPL Input)	Max	45 dB	55 dB	34 dB	45 dB
	1600 Hz / HFA	38 dB	47 dB	29 dB	38 dB
(90 dB SPL Input)	Max	121 dB SPL	126 dB SPL	110 dB SPL	116 dB SPL
	1600 Hz / HFA	114 dB SPL	120 dB SPL	105 dB SPL	112 dB SPL
	800 Hz	0.8 %	1.4 %	0.7 %	0.5 %
	1600 Hz	1.0 %	1.2 %	1.2 %	1.5 %
w/o Noise reduction		23 dB SPL	27 dB SPL	23 dB SPL	28 dB SPL
1/3 octave EIN w/o Noise Reduction	1600 Hz	11 dB SPL	13 dB SPL	-	-
(DIN 45605)		100-5910 Hz	200-5780 Hz	100-5860 Hz	130-5860 Hz
		0.85 mA	0.88 mA	0.9 mA	0.9 mA
(Battery type 10A)		106 hrs	102 hrs	100 hrs	100 hrs

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

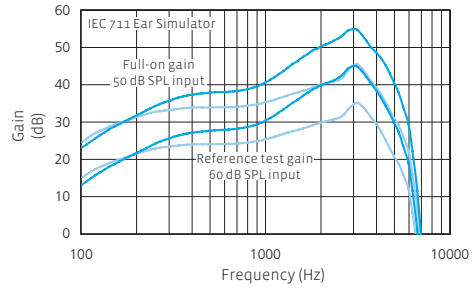
Maximum Output (OSPL 90)



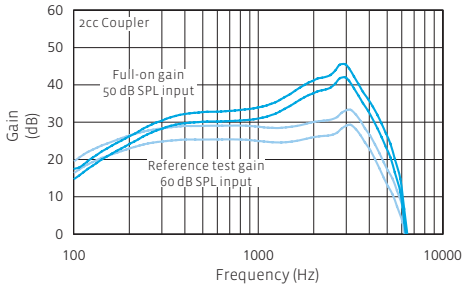
Maximum Output (OSPL 90)



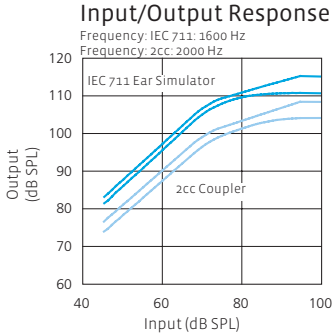
Full-On and Reference Test Gain



Full-On and Reference Test Gain



Input/Output Response



Full/On Gain Parameter Settings*

	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	6 kHz
G[80]	25/29	25/29	25/29	25/29	25/29	25/29
G[50]	34/39	34/39	34/39	34/39	34/39	34/39

Reference Test Gain Parameter Settings for 118-0*

	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	6 kHz
G[80]	18/22	18/22	18/22	18/22	18/22	18/22
G[50]	27/32	27/32	27/32	27/32	27/32	27/32

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

	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	6 kHz
G[80]	24/29	24/29	24/29	24/29	24/29	24/29
G[50]	33/39	33/39	33/39	33/39	33/39	33/39

ES10 ES10-P

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