ReSound AZURE
Product information

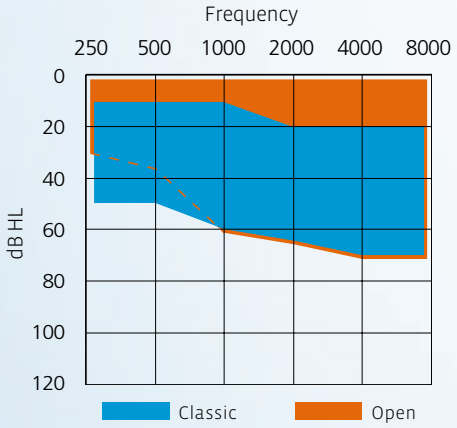
AZ10 CIC

Product Description

ReSound Azure AZ10 is part of a complete family of highly advanced hearing aids implementing the latest advances in innovation and hearing science.

ReSound Azure is the first in a new generation of hearing aids designed to provide the auditory system with the best possible conditions and support to ensure optimal audibility and comfort in all environments.

Fitting Range



Key Features

- CIC
- 17-band Warp™ Sound Processing (9 gain handles)
- Environmental Optimizer™
- NoiseTracker™ II Noise Reduction
- EchoStop™
- Impulse Noise Smoother
- Acceptance Manager
- Dual Stabilizer™ II DFS Feedback Cancellation
- Open fitting capabilities
- Onboard Analyzer™ II DataLogging
- SmartStart™
- Low Battery Warning Indicator
- Low Battery Consumption Chip Technology

Standard Configuration

- Size 10A battery
- Available in 3 colours
- Supports StepVent

Fitting Requirements

- Aventa fitting software (2.4 or higher)
- CS63 FlexStrip cable (3-pin)
- Speedlink™, HI-PRO or NOAHlink interface (Speedlink recommended)

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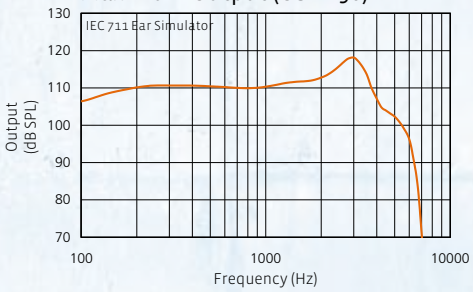
Technical Specifications

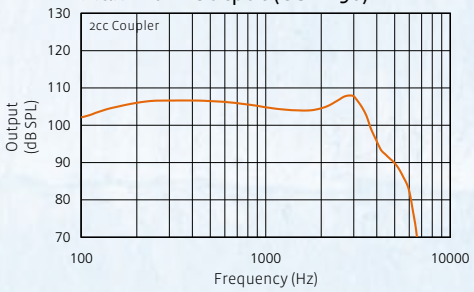
		IEC 60118-0 IEC 711 Ear Simulator	IEC 60118-7 2cc Coupler
Reference Test Gain (60 dB SPL Input)	1600 Hz / HFA	25 dB	24 dB
Full-On Gain (50 dB SPL Input)	Max	41 dB	31 dB
	1600 Hz / HFA	35 dB	28 dB
Maximum Output (90 dB SPL Input)	Max	118 dB SPL	108 dB SPL
	1600 Hz / HFA	112 dB SPL	106 dB SPL
Total Harmonic Distortion	800 Hz	0.8 %	0.5 %
	1600 Hz	0.5 %	0.4 %
Equivalent Input Noise, w/o Noise reduction		24 dB SPL	24 dB SPL
1/3 Octave E.I.N. at 1600 Hz, w/o Noise reduction		11 dB SPL	
Frequency Range (DIN 45605)		100-5880 Hz	100-5740 Hz
Current Drain		0.85 mA	0.87 mA
Typical Battery Life Time (Battery type 10A)		106 hrs	103 hrs

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

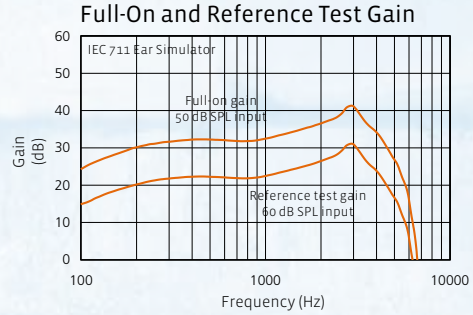
Maximum Output (OSPL 90)



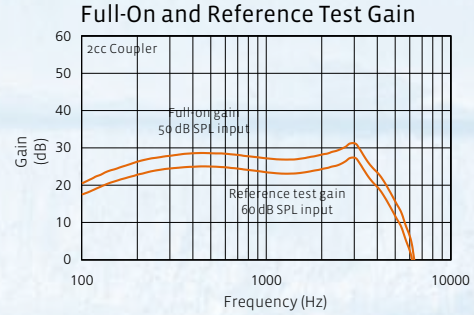
Maximum Output (OSPL 90)



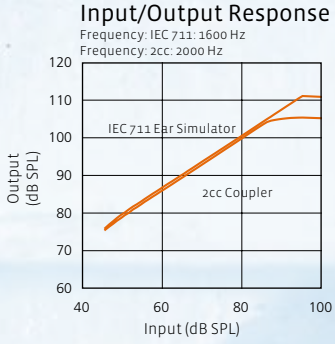
Full-On and Reference Test Gain



Full-On and Reference Test Gain



Input/Output Response



Full/On Gain Parameter Settings*

	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[80]	25	25	25	25	25	25	25	25	25
G[50]	34	34	34	34	34	34	34	34	34

Reference Test Gain Parameter Settings for 118-0*

	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[80]	18	18	18	18	18	18	18	18	18
G[50]	27	27	27	27	27	27	27	27	27

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

	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[80]	24	24	24	24	24	24	24	24	24
G[50]	33	33	33	33	33	33	33	33	33

*Settings in accordance with Aventa fitting software

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