

ReSound AZURE

Product information

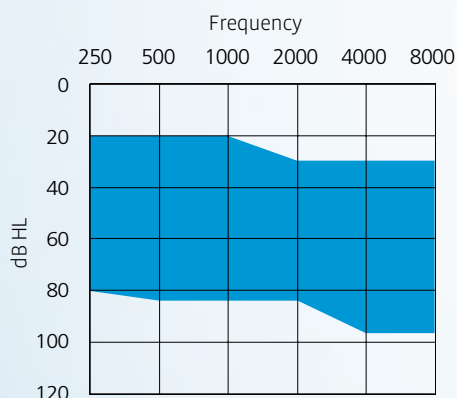


Product Description

ReSound Azure AZ40-P/40-DP/50-P/50-DP are 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

- Power ITE
- 17-band Warp™ Sound Processing (9 gain handles)
- Natural Directionality™ (AZ40-DP and AZ50-DP only)
- MultiScope Adaptive Directionality™ - 3 beam widths (AZ40-DP and AZ50-DP only)
- SoftSwitching™ Automatic Programme (AZ40-DP and AZ50-DP only)
- Environmental Optimizer™
- Environmental Learner™ (for Volume Control only)
- NoiseTracker™ II Noise Reduction
- EchoStop™
- Windrush Manager™
- Impulse Noise Smoother
- Acceptance Manager
- Integrated Microphone Matching™ (AZ40-DP and AZ50-DP only)
- Dual Stabilizer™ II DFS Feedback Cancellation
- Open fitting capabilities
- Onboard Analyzer™ II DataLogging
- SmartStart™
- Acoustic Indicator for Programme Selection
- Acoustic Indicator for Volume Control
- Low Battery Warning Indicator
- Low Battery Consumption Chip Technology
- Up to 4 Customisable Programmes

Standard Configuration

- Dual Microphone Technology (AZ40-DP and AZ50-DP only)
- Size 13 or 312 battery
- Push button
- Programmable Volume Control (Optional)
- Programmable Telecoil with T and MT modes (Optional)
- 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)

AZ40-P/40-DP/50-P/50-DP ITE

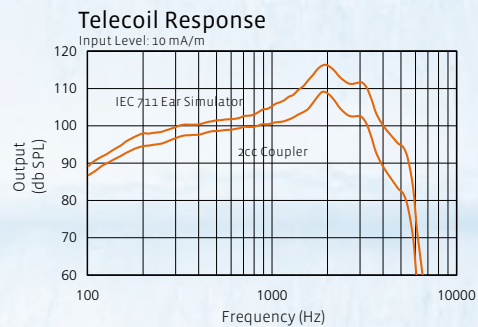
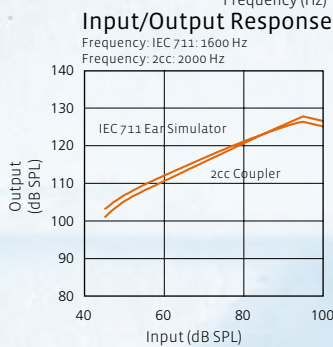
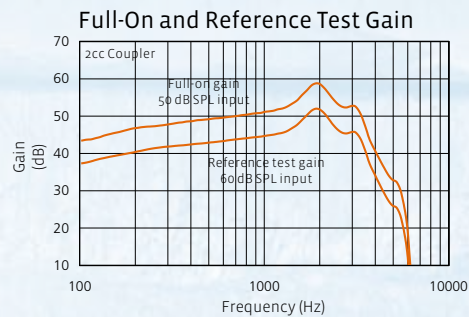
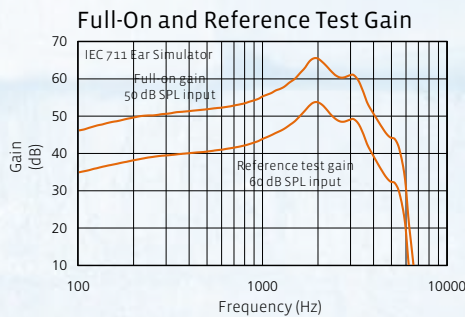
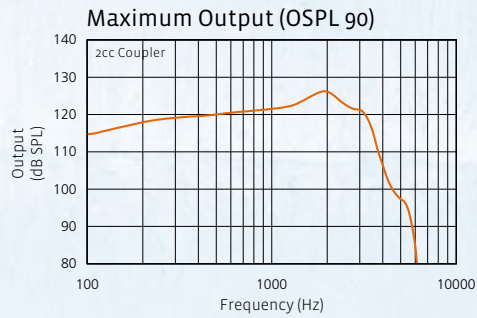
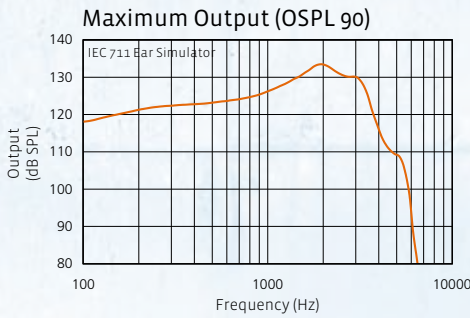
Technical Specifications

IEC 60118-0
IEC 711
Ear Simulator

IEC 60118-7
2cc Coupler

Reference Test Gain (60 dB SPL Input)	1600 Hz / HFA	51 dB	47 dB
Full-On Gain (50 dB SPL Input)	Max	67 dB	59 dB
	1600 Hz / HFA	62 dB	53 dB
Maximum Output (90 dB SPL Input)	Max	134 dB SPL	126 dB SPL
	1600 Hz / HFA	131 dB SPL	123 dB SPL
Total Harmonic Distortion	800 Hz	1.5 %	0.9 %
	1600 Hz	0.7 %	1.0 %
Telecoil sensitivity (118-0: 1mA/m;118-7: 31.6mA/m)	Max/HFA	97 dB SPL	107 dB SPL
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		12 dB SPL	
Frequency Range (DIN 45605)		100-4520 Hz	100-4820 Hz
Current Drain		0.99 mA	1.05 mA
Typical Battery Life Time (Battery type 13)		293 hrs	276 hrs
Typical Battery Life Time (Battery type 312)		162 hrs	152 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	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[80]	37	37	37	37	37	37	37	37	37
G[50]	52	52	52	52	52	52	52	52	52

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]	30	30	30	30	30	30	30	30	30
G[50]	45	45	45	45	45	45	45	45	45

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]	35	35	35	35	35	35	35	35	35
G[50]	50	50	50	50	50	50	50	50	50

*Settings in accordance with Aventa fitting software