

ReSound AZURE

Product information

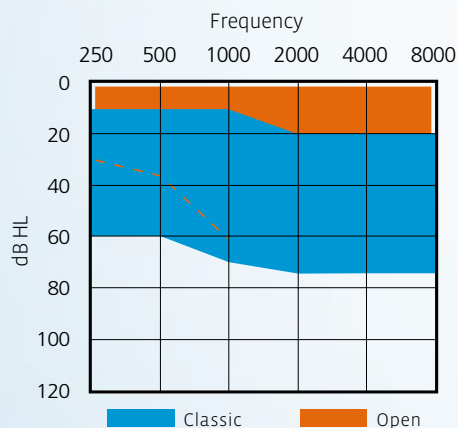


Product Description

ReSound Azure AZ30/AZ30-D 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

- ITC
- 17-band Warp™ Sound Processing (9 gain handles)
- Natural Directionality™ (AZ30-D only)
- MultiScope Adaptive Directionality™ - 3 beam widths (AZ30-D only)
- SoftSwitching™ Automatic Programme (AZ30-D only)
- Environmental Optimizer™
- Environmental Learner™ (for Volume Control only)
- NoiseTracker™ II Noise Reduction
- EchoStop™
- Windrush Manager™
- Impulse Noise Smoother
- Acceptance Manager
- Integrated Microphone Matching™ (AZ30-D 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 (AZ30-D only)
- Size 312 battery
- Push button (Optional)
- 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)

AZ30/AZ30-D ITC

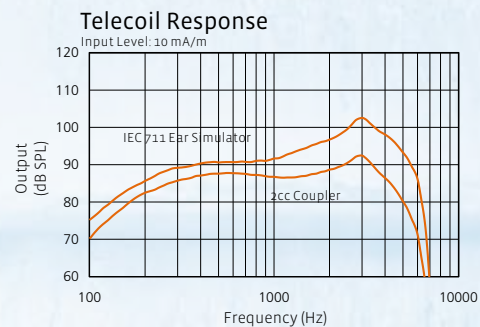
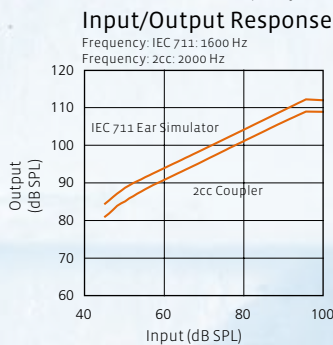
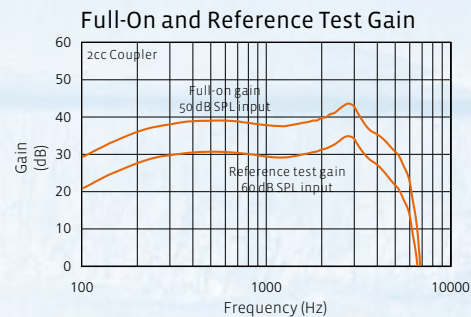
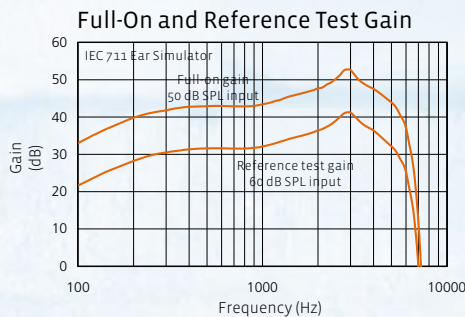
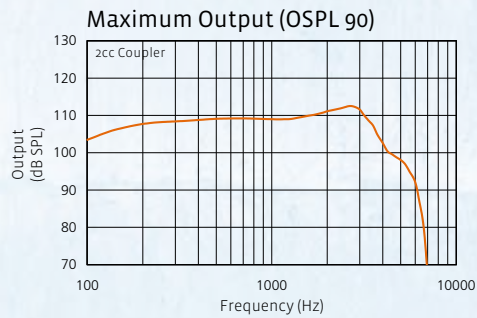
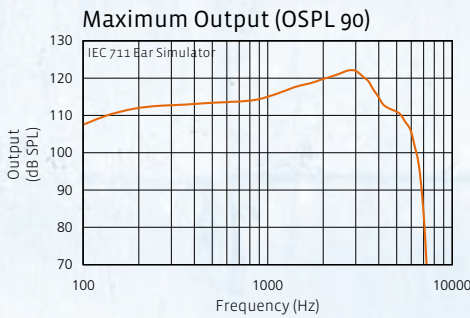
Technical Specifications

IEC 60118-0
IEC 711
Ear Simulator

IEC 60118-7
2cc Coupler

Reference Test Gain (60 dB SPL Input)	1600 Hz / HFA	34 dB	31 dB
Full-On Gain (50 dB SPL Input)	Max	52 dB	43 dB
	1600 Hz / HFA	46 dB	39 dB
Maximum Output (90 dB SPL Input)	Max	121 dB SPL	112 dB SPL
	1600 Hz / HFA	117 dB SPL	110 dB SPL
Total Harmonic Distortion	800 Hz	2.0 %	1.1 %
	1600 Hz	2.2 %	1.3 %
Telecoil sensitivity (118-0: 1mA/m;118-7: 31.6mA/m)	Max/HFA	83 dB SPL	90 dB SPL
Equivalent Input Noise, w/o Noise reduction		26 dB SPL	25 dB SPL
1/3 Octave E.I.N. at 1600 Hz, w/o Noise reduction		12 dB SPL	
Frequency Range (DIN 45605)		100-6440 Hz	100-6310 Hz
Current Drain		0.92 mA	0.95 mA
Typical Battery Life Time (Battery type 312)		174 hrs	168 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]	26	26	26	26	26	26	26	26	26
G[50]	40	40	40	40	40	40	40	40	40

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]	19	19	19	19	19	19	19	19	19
G[50]	33	33	33	33	33	33	33	33	33

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]	22	22	22	22	22	22	22	22	22
G[50]	36	36	36	36	36	36	36	36	36

*Settings in accordance with Aventa fitting software

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Patents pending.

All specifications are subject to change without notice.

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