

# ReSound AZURE

## Product information

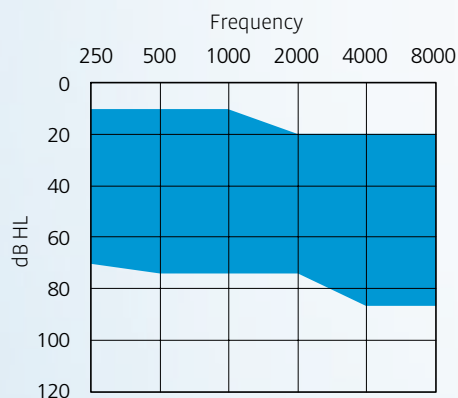


### Product Description

ReSound Azure AZ30-P/AZ30-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 ITC
- 17-band Warp™ Sound Processing (9 gain handles)
- Natural Directionality™ (AZ30-DP only)
- MultiScope Adaptive Directionality™ - 3 beam widths (AZ30-DP only)
- SoftSwitching™ Automatic Programme (AZ30-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™ (AZ30-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 (AZ30-DP 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-P/AZ30-DP ITC

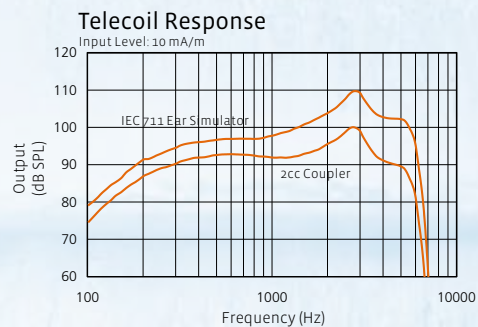
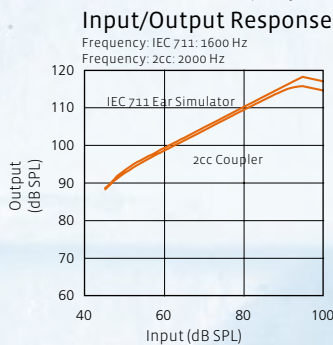
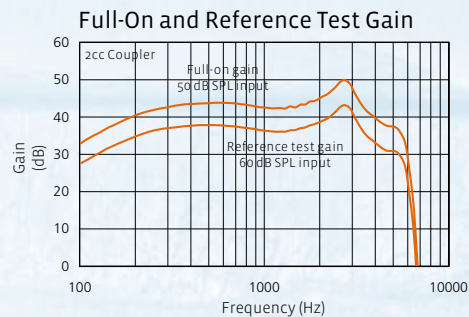
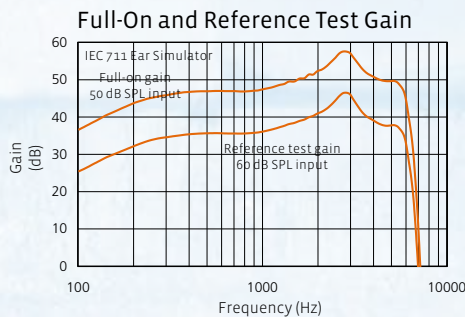
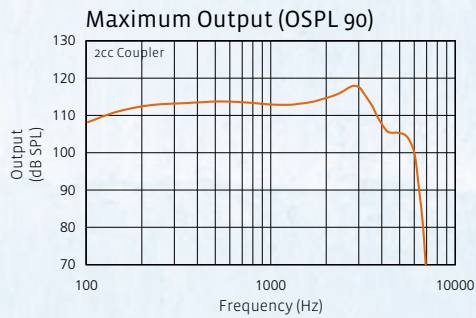
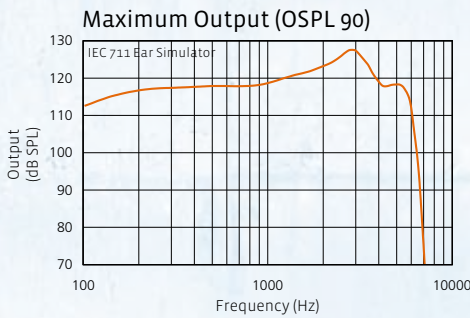
## Technical Specifications

IEC 60118-0  
IEC 711  
Ear Simulator

IEC 60118-7  
2cc Coupler

Reference Test Gain (60 dB SPL Input)	1600 Hz / HFA	39 dB	38 dB
Full-On Gain (50 dB SPL Input)	Max	58 dB	50 dB
	1600 Hz / HFA	51 dB	44 dB
Maximum Output (90 dB SPL Input)	Max	128 dB SPL	119 dB SPL
	1600 Hz / HFA	122 dB SPL	115 dB SPL
Total Harmonic Distortion	800 Hz	1.7 %	0.8 %
	1600 Hz	2.0 %	1.3 %
Telecoil sensitivity (118-0: 1mA/m;118-7: 31.6mA/m)	Max/HFA	90 dB SPL	98 dB SPL
Equivalent Input Noise, w/o Noise reduction		26 dB SPL	26 dB SPL
1/3 Octave E.I.N. at 1600 Hz, w/o Noise reduction		11 dB SPL	
Frequency Range (DIN 45605)		100-6580 Hz	100-6460 Hz
Current Drain		0.95 mA	1.00 mA
Typical Battery Life Time (Battery type 312)		168 hrs	160 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]	31	31	31	31	31	31	31	31	31
G[50]	45	45	45	45	45	45	45	45	45

### 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]	24	24	24	24	24	24	24	24	24
G[50]	38	38	38	38	38	38	38	38	38

### 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]	29	29	29	29	29	29	29	29	29
G[50]	43	43	43	43	43	43	43	43	43

\*Settings in accordance with Aventa fitting software