

ReSound AZURE

Product information

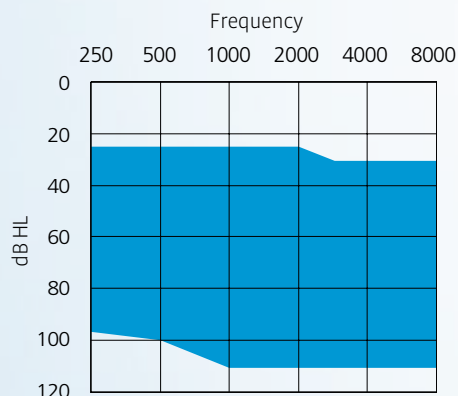


Product Description

ReSound Azure AZ80-DVI 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

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

Standard Configuration

- Dual Microphone Technology
- Size 13 battery - rechargeable
- Push button
- Programmable Volume Control
- Programmable Telecoil with T and MT modes
- Direct Audio Input
- Available in 13 colours

Fitting Requirements

- Aventa fitting software (version 2.4 or higher)
- CS44 BTE Socket Cable
- Speedlink™, HI-PRO or NOAHlink interface (Speedlink recommended)

AZ80-DVI

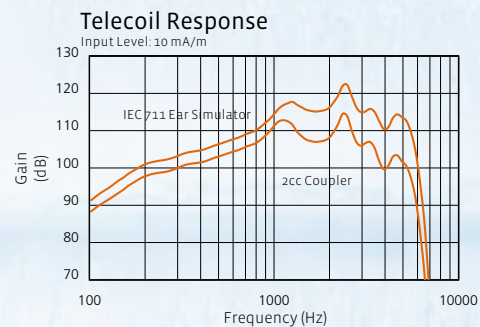
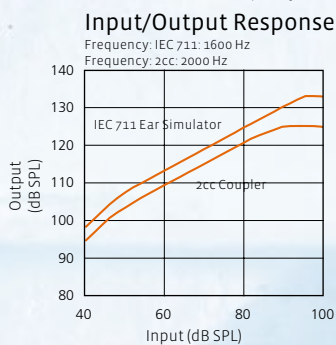
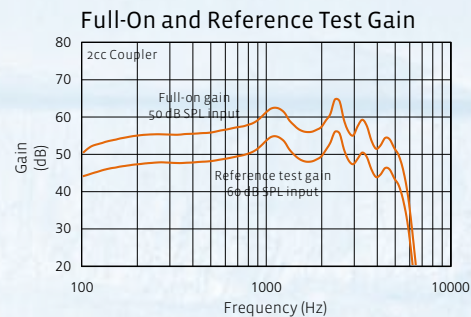
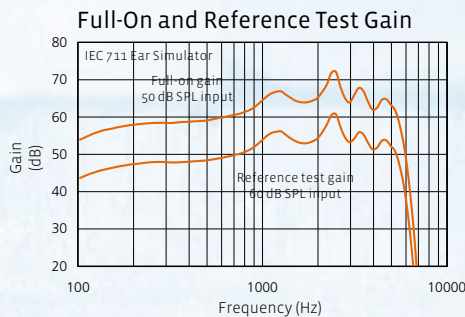
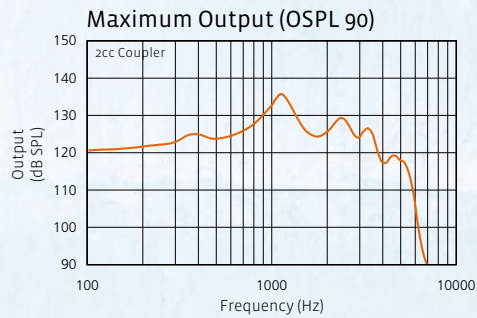
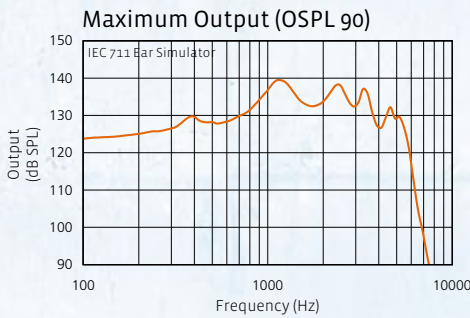
Technical Specifications

IEC 60118-0
IEC 711
Ear Simulator

IEC 60118-7
2cc Coupler

| | | | |
|---|---------------|-------------|----------------|
| Reference Test Gain (60 dB SPL Input) | 1600 Hz / HFA | 53 dB | 52 dB |
| Full-On Gain (50 dB SPL Input) | Max | 73 dB | 65 dB |
| | 1600 Hz / HFA | 65 dB | 60 dB |
| Maximum Output (90 dB SPL Input) | Max | 140 dB SPL | 136 dB SPL |
| | 1600 Hz / HFA | 134 dB SPL | 129 dB SPL |
| Total Harmonic Distortion | 800 Hz | 0.9 % | 0.6 % |
| | 1600 Hz | 0.5 % | 0.4 % |
| Full-on Telecoil Sensitivity (1 mA/m Input) | Max | 103 dB SPL | HFA 113 dB SPL |
| Equivalent Input Noise, w/o Noise reduction | | 28 dB SPL | 22 dB SPL |
| 1/3 Octave E.I.N. at 1600 Hz, w/o Noise reduction | | 14 dB SPL | |
| Frequency Range (DIN 45605) | | 100-6000 Hz | 100-5900 Hz |
| Current Drain | | 0.81mA | 0.85 mA |
| Typical Battery Life Time (Battery type 13) | | 358 hrs | 341 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] | 46 | 46 | 46 | 46 | 46 | 45 | 41 | 38 | 38 |
| G[50] | 59 | 59 | 59 | 59 | 59 | 58 | 54 | 51 | 51 |

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] | 39 | 39 | 39 | 39 | 39 | 38 | 34 | 31 | 31 |
| G[50] | 52 | 52 | 52 | 52 | 52 | 51 | 47 | 44 | 44 |

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] | 42 | 42 | 42 | 42 | 42 | 41 | 37 | 34 | 34 |
| G[50] | 55 | 55 | 55 | 55 | 55 | 54 | 50 | 47 | 47 |

*Settings in accordance with Aventa fitting software