

ReSound X-plore™

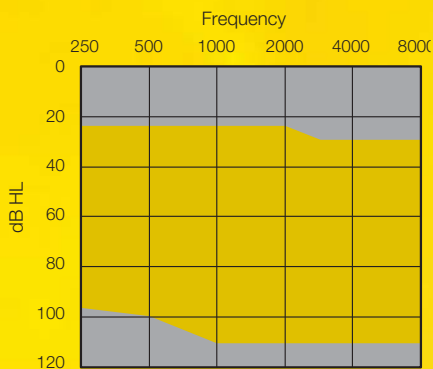
Product information



Product Description

Designed for people who don't want hearing problems to get in the way of their lifestyle, ReSound X-plore™ provides complete, all-around support for your patients. It offers specialized features geared toward easy acceptance for first time wearers, managing outdoor and physical elements, and providing ideal sound quality in any environment. Your patients will find ReSound X-plore a perfect fit for the day-to-day challenges of active lives.

Fitting Range



Key Features

- Power BTE
- MultiScope Adaptive Directionality™ — 2 beam widths
- SoftSwitching™ automatic program
- Integrated Microphone Matching™
- Acceptance Manager
- Active Wind Stop™
- 17-Band Warp™ sound processing (7 gain handles)
- NoiseTracker™ II noise reduction
- EchoStop™
- Dual Stabilizer™ II DFS
- Advanced DataLogging
- SmartStart™
- Up to 4 customizable programs
- Acoustic indicator for program selection
- Acoustic indicator for volume control
- Low battery warning indicator
- Power-saving chip technology

Standard Configuration

- Dual microphone technology
- Size 13 battery
- Push button
- Programmable volume control
- Programmable telecoil with T/MT modes
- Direct Audio Input (DAI)
- Available in 13 colors

Fitting Requirements

- Aventa™ fitting software (2.6 or higher)
- CS44 BTE socket cable (4-pin)
- Speedlink, NOAHlink™ or HI-PRO™ interface (Speedlink recommended)

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X-plore™
ReSound

XE80-DVI Power BTE

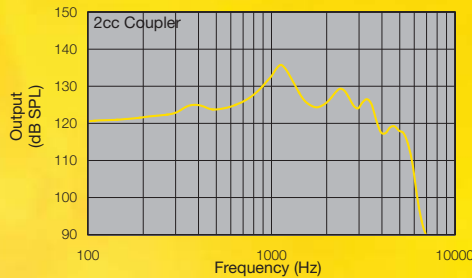
Technical Specifications

ANSI S3.22-2003
2cc Coupler

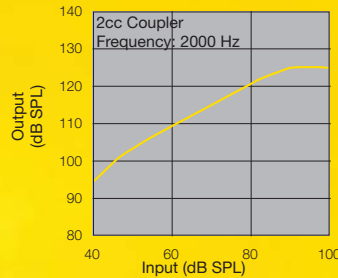
Reference Test Gain (60 dB SPL Input)	HFA	52 dB
Full-On Gain (50 dB SPL Input)	Max	65 dB
	HFA	60 dB
Maximum Output (90 dB SPL Input)	Max	136 dB SPL
	HFA	129 dB SPL
Total Harmonic Distortion	500 Hz	1.8 %
	800 Hz	0.6 %
	1600 Hz	0.4 %
Telecoil Sensitivity (10 mA/m Input)	Max	113 dB SPL
Equivalent Input Noise (without noise reduction)		22 dB SPL
Frequency Range (DIN 45605)		100–5900 Hz
Attack Time (ANSI RTG-7 dB)		12 ms
Release Time (ANSI RTG-7 dB)		70 ms
Current Drain		0.85 mA
Typical Battery Life	Battery size 13	341 hrs

Data in accordance with ANSI S3.22-2003; Supply Voltage 1.3 V.

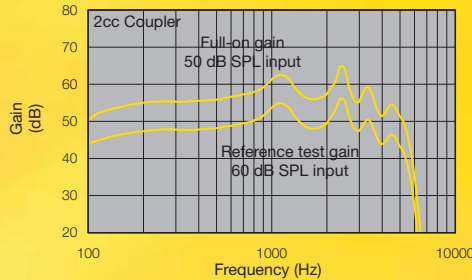
Maximum Output (OSPL 90)



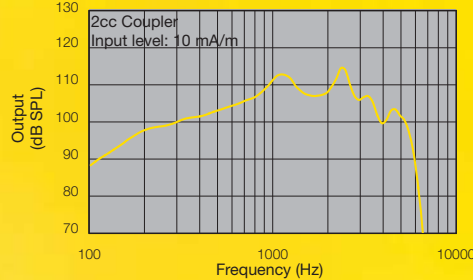
Input/Output Response



Full-On and Reference Test Gain



Telecoil Response



Full-On Gain Parameter Settings*

	250 Hz	500 Hz	1 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[50]	59	59	59	58	54	52	51
G[80]	46	46	46	45	41	39	38

Reference Test Gain Parameter Settings*

	250 Hz	500 Hz	1 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[50]	55	55	55	54	50	47	47
G[80]	42	42	42	41	37	34	34

*Settings in accordance with Aventa fitting software

Patents pending.

All specifications are subject to change without notice.

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