



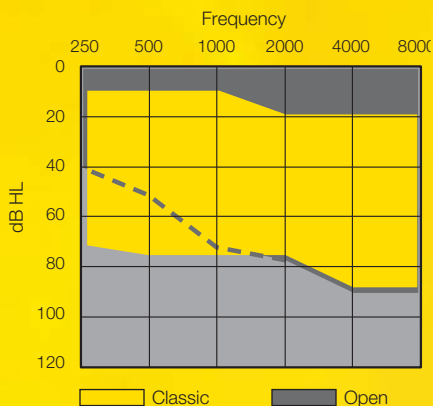
## ReSound X-plore™

### 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

- 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™\*
- Stabilizer™ or Dual Stabilizer™\* II DFS
- Open fitting capabilities
- 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 (full shell)
- Size 312 battery (half shell)
- Push button
- Programmable volume control (optional)
- Programmable telecoil with T/MT modes
- 3 Color options available
- Supports StepVent™

#### Fitting Requirements

- Aventa™ fitting software (2.6 or higher)
- CS53 Flex strip cable (3-pin)
- Speedlink, NOAHlink™ or HI-PRO™ interface (Speedlink recommended)

\*= XE40-D and XE50-D only

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**X-plore™**  
ReSound

# XE40/D (Half Shell), XE50/D (Full Shell) ITE

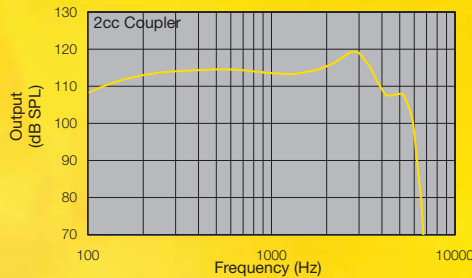
## Technical Specifications

ANSI S3.22–2003  
2cc Coupler

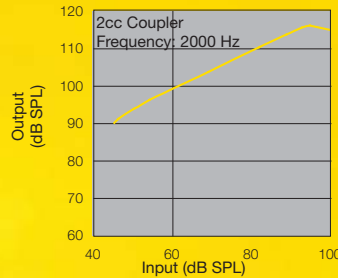
Reference Test Gain (60 dB SPL Input)	HFA	39 dB
Full-On Gain (50 dB SPL Input)	Max HFA	52 dB 46 dB
Maximum Output (90 dB SPL Input)	Max HFA	120 dB SPL 116 dB SPL
Total Harmonic Distortion	500 Hz 800 Hz 1600 Hz	1.2 % 1.1 % 1.9 %
Telecoil Sensitivity (10 mA/m Input)	Max	102 dB SPL
Equivalent Input Noise (without noise reduction)		26 dB SPL
Frequency Range (DIN 45605)		100–6330 Hz
Attack Time (ANSI RTG-7 dB)		12 ms
Release Time (ANSI RTG-7 dB)		70 ms
Current Drain		1.04 mA
Typical Battery Life	Battery size 13 Battery size 312	279 hrs 154 hrs

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

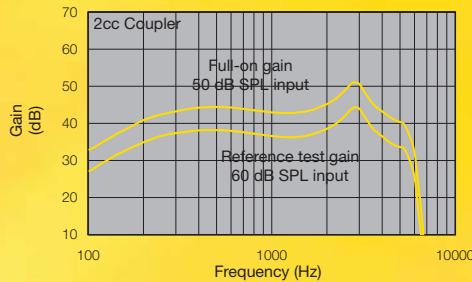
**Maximum Output (OSPL 90)**



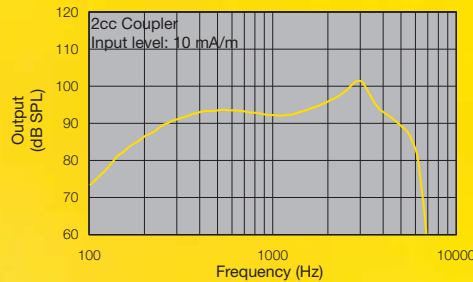
**Input/Output Response**



**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]	37	43	45	45	45	45	45
G[80]	22	28	30	30	30	30	30

**Reference Test Gain Parameter Settings\***

	250 Hz	500 Hz	1 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[50]	35	41	43	43	43	43	43
G[80]	20	26	28	28	28	28	28

\*Settings in accordance with Aventa fitting software

Patents pending.

All specifications are subject to change without notice.

16686011 Rev.A