ReSound

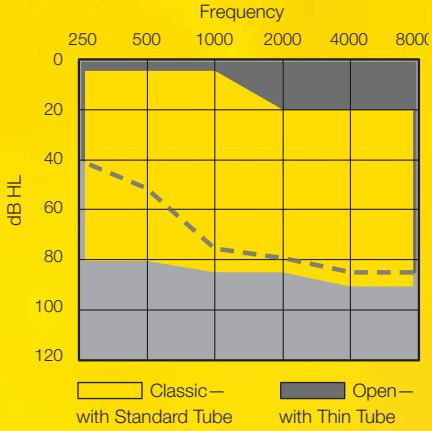
XE60-DI
Mini BTE

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™
- Dual Stabilizer™ II DFS
- Open fitting capabilities
- Advanced DataLogging
- SmartStart™
- Up to 4 customizable programs
- Acoustic indicator for program selection
- Low battery warning indicator
- Power-saving chip technology

Standard Configuration

- Dual microphone technology
- Size 13 battery
- Push button
- Programmable telecoil with T/MT modes
- Direct Audio Input (DAI)
- Supports standard dome, Tulip-Dome, FlexVent™ and standard earmold
- 3 Earhook sizes and Thin Tube adaptor
- 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)

16586211 Rev.A

ReSound North America
8001 Bloomington Freeway
Bloomington, MN 55420-1036
1-800-248-4327

ReSound Canada
303 Supertest Road
Toronto, Ontario M3J 2M4
1-888-737-6863

www.gnresound.com • customerexperience@gnresound.com

X-plore™
ReSound

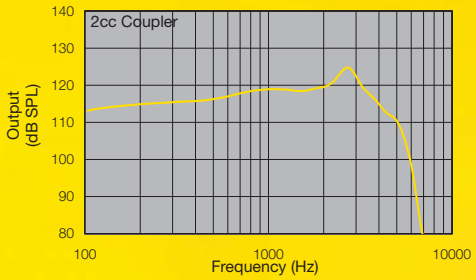
XE60-DI Mini BTE——Standard Tube (Classic)

Technical Specifications

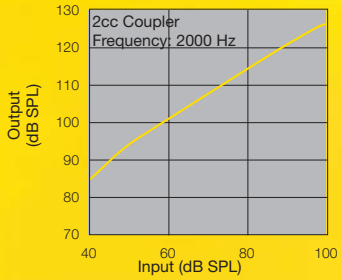
		ANSI S3.22–2003 2cc Coupler
Reference Test Gain (60 dB SPL Input)	HFA	43 dB
Full-On Gain (50 dB SPL Input)	Max HFA	53 dB 46 dB
Maximum Output (90 dB SPL Input)	Max HFA	126 dB SPL 120 dB SPL
Total Harmonic Distortion	500 Hz 800 Hz 1600 Hz	0.9 % 1.0 % 0.6 %
Telecoil Sensitivity (10 mA/m Input)	Max	105 dB SPL
Equivalent Input Noise (without noise reduction)		26 dB SPL
Frequency Range (DIN 45605)		100–5800 Hz
Attack Time (ANSI RTG-7 dB)		12 ms
Release Time (ANSI RTG-7 dB)		70 ms
Current Drain		0.90 mA
Typical Battery Life	Battery size 13	322 hrs

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

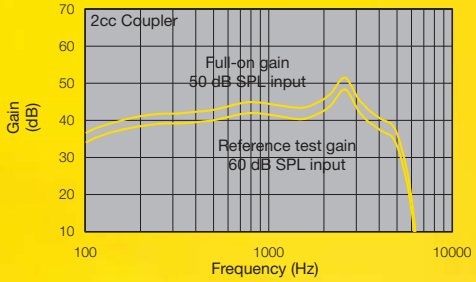
Maximum Output (OSPL 90)



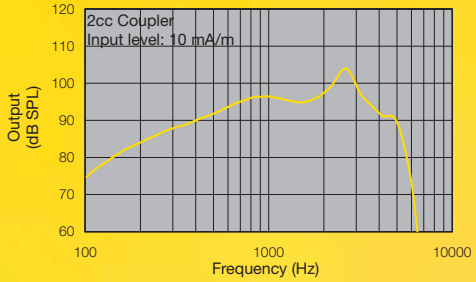
Input/Output Response



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]	46	46	46	46	40	37	35
G[80]	36	36	36	36	30	27	25

Reference Test Gain Parameter Settings*

	250 Hz	500 Hz	1 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[50]	46	46	46	46	40	37	35
G[80]	36	36	36	36	30	27	25

*Settings in accordance with Aventa fitting software

X-plore™ ReSound

Patents pending.

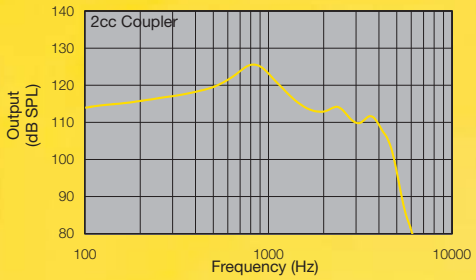
All specifications are subject to change without notice.

XE60-DI Mini BTE——Thin Tube (Open)

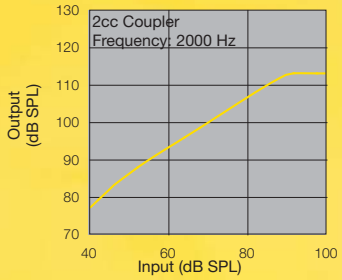
Technical Specifications

		ANSI S3.22–2003 2cc Coupler
Reference Test Gain (60 dB SPL Input)	HFA	38 dB
Full-On Gain (50 dB SPL Input)	Max HFA	50 dB 41 dB
Maximum Output (90 dB SPL Input)	Max HFA	127 dB SPL 117 dB SPL
Total Harmonic Distortion	500 Hz 800 Hz 1600 Hz	0.9 % 0.1 % 0.7 %
Telecoil Sensitivity (10 mA/m Input)	Max	100 dB SPL
Equivalent Input Noise (without noise reduction)		28 dB SPL
Frequency Range (DIN 45605)		100–5200 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

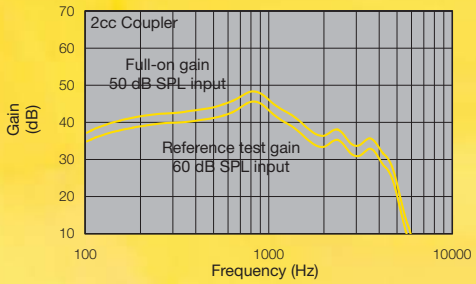
Maximum Output (OSPL 90)



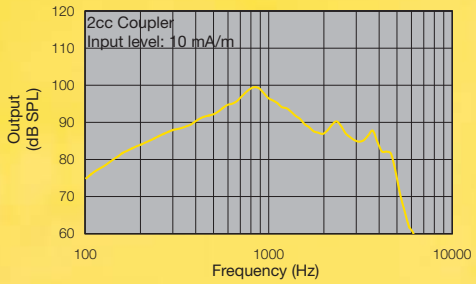
Input/Output Response



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]	30	38	47	42	36	33	32
G[80]	20	28	37	32	26	23	22

Reference Test Gain Parameter Settings*

	250 Hz	500 Hz	1 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[50]	30	38	47	42	36	33	32
G[80]	20	28	37	32	26	23	22

*Settings in accordance with Aventa fitting software

X-plore™ ReSound