

ReSound X-plore

Product information



Product Description

ReSound X-plore XE80-DVI is part of a complete family of highly advanced hearing instruments that is tailored to compensate for all types of mild to severe moderate losses.

RESOUND X-PLORE HAS BEEN DESIGNED FOR EVERY DIMENSION OF AN ACTIVE LIFE:

CONNECT:

ReSound X-plore meets the challenges of social interaction with advanced features such as intelligent NoiseTracker™ II noise suppression, Multi Scope™ Automatic Directionality and SoftSwitching™. Now your clients can be in touch while being relaxed, feeling at their best in almost any social situation.

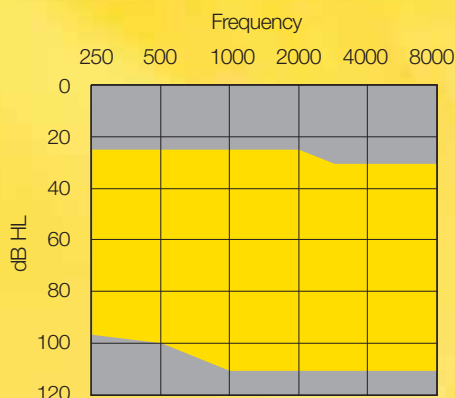
FOCUS:

ReSound X-plore supports the wearer's ability to remain alert yet relaxed, while adjusting to their hearing instruments. This is - among other specially designed solutions - featured by Acceptance Manager™, which acts as a personal 'sound coach' that gradually and comfortably increases sound levels according to your client's unique needs.

MOVE:

ReSound X-plore enables your clients to move freely and confidently – even in demanding situations. It features the unique Active WindStop™ that works in tandem with groundbreaking new DFS II feedback management.

Fitting Range



Key Features

- Full-functional Power BTE
- 17-band WARP™ Sound Processing (7 gain handles)
- MultiScope Adaptive Directionality™ – 2 beam widths
- SoftSwitching™ Automatic Programme
- NoiseTracker™ II Noise Reduction
- Active Wind Stop™
- EchoStop™
- Impulse noise smoother
- Acceptance Manager
- Integrated Microphone Matching™
- Dual Stabilizer™ II DFS Feedback Cancellation
- Advanced DataLogging
- SmartStart™
- Acoustic Indicator for Programme Selection
- Acoustic Indicator for Volume Control
- Low Battery Warning Indicator
- Up to 4 customizable programs
- Industry-leading, fast and power-efficient chip technology

Standard Configuration

- Dual Microphone Technology
- Size 13 battery
- Push button
- Programmable volume control
- Programmable telecoil with T and MT modes
- Direct Audio Input
- Available in a broad variety of colours

Fitting requirements

- Aventa™ fitting software (version 2.5 or higher)
- CS44 BTE socket cable
- Speedlink™, HI-PRO or NOAHlink interface (Speedlink recommended)



XE80-DVI

Technical Specifications

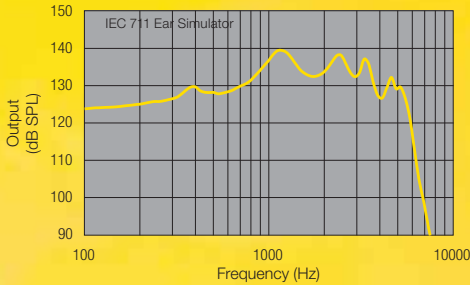
IEC 60118-0 IEC 60118-7
IEC 711
Ear Simulator 2cc Coupler

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 %
Telecoil sensitivity (118-0: 1mA/m;118-7: 31.6mA/m)	Max/HFA	103 dB SPL	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

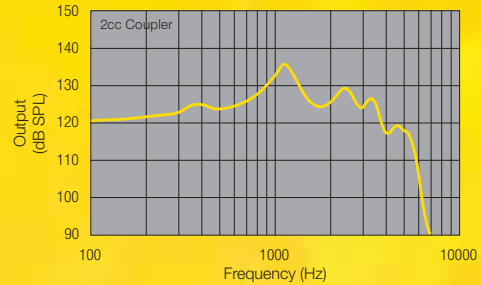
Data in accordance with IEC 60118-0, IEC 60118-7; Supply Voltage 1.3 V.

Patents pending.
All specifications are subject to change without notice.
16586500-GB-08:10-Rev.C

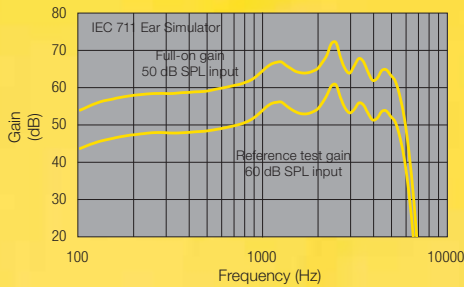
Maximum Output (OSPL 90)



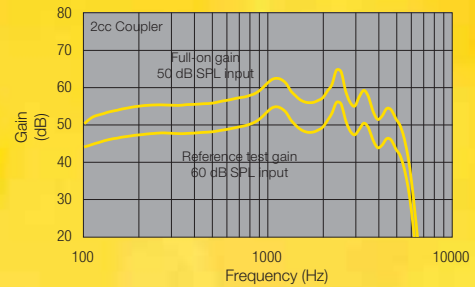
Maximum Output (OSPL 90)



Full-On and Reference Test Gain

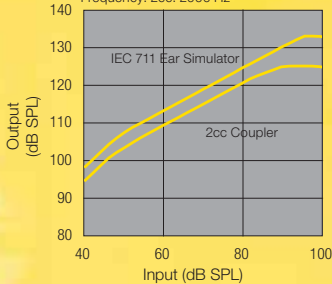


Full-On and Reference Test Gain



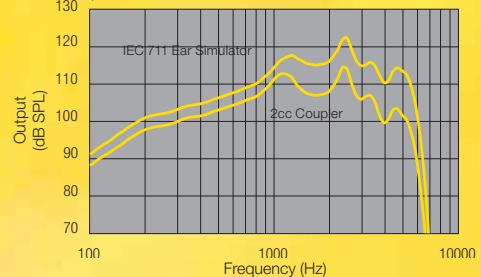
Input/Output Response

Frequency: IEC 711: 1600 Hz
Frequency: 2cc: 2000 Hz



Telecoil Response

Input Level: 10 mA/m



Full/On Gain Parameter Settings*

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

Reference Test Gain Parameter Settings for 118-0*

	250 Hz	500 Hz	1 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[80]	39	39	39	38	34	31	31
G[50]	52	52	52	51	47	44	44

Reference Test Gain Parameter Settings for ANSI and 118-7*

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

*Settings in accordance with Aventa fitting software

ReSound

rediscover hearing

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