

ReSound X-plore

Product information

XE20 MC



Product Description

ReSound X-plore XE20-MC is part of a complete family of highly advanced hearing instruments that is tailored to compensate for all types of mild to moderate hearing 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. 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.



Key Features

- Power MC
- 17-band WARP™ Sound Processing (7 gain handles)
- NoiseTracker™ II Noise Reduction
- Active Wind Stop™
- EchoStop™
- Impulse noise smoother
- Acceptance Manager
- Dual Stabilizer™ II DFS Feedback Cancellation
- Open fitting capabilities
- Advanced DataLogging
- SmartStart™
- Acoustic Indicator for Programme Selection
- Acoustic Indicator for Volume Control
- Low Battery Warning Indicator
- 3 environmental programmes
- Industry-leading, fast and power-efficient chip technology

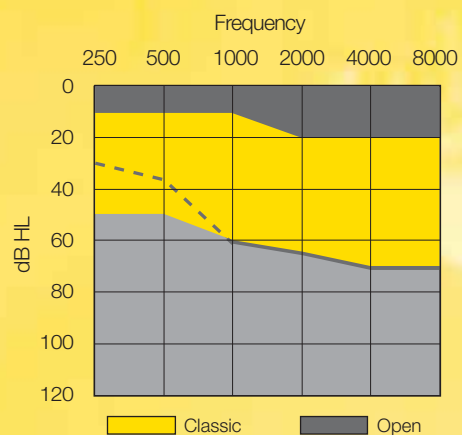
Standard Configuration

- Size 10A battery
- Push button
- Programmable volume control
- Supports StepVent
- Available in 3 colours

Fitting requirements

- Aventa™ fitting software (version 2.5 or higher)
- CS63 FlexStrip Cable (3-pin)
- Speedlink™, HI-PRO or NOAHlink interface (Speedlink recommended)

Fitting Range



XE20 MC

Technical Specifications

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

Reference Test Gain (60 dB SPL Input)	1600 Hz / HFA	25 dB	24 dB
Full-On Gain (50 dB SPL Input)	Max	41 dB	31 dB
	1600 Hz / HFA	35 dB	28 dB
Maximum Output (90 dB SPL Input)	Max	118 dB SPL	108 dB SPL
	1600 Hz / HFA	112 dB SPL	106 dB SPL
Total Harmonic Distortion	800 Hz	0.8 %	0.5 %
	1600 Hz	0.5 %	0.4 %
Equivalent Input Noise, w/o Noise reduction		24 dB SPL	24 dB SPL
1/3 Octave E.I.N. at 1600 Hz, w/o Noise reduction		11 dB SPL	
Frequency Range (DIN 45605)		100-5880 Hz	100-5740 Hz
Current Drain		0.85 mA	0.87 mA
Typical Battery Life Time (Battery type 10A)		106 hrs	103 hrs

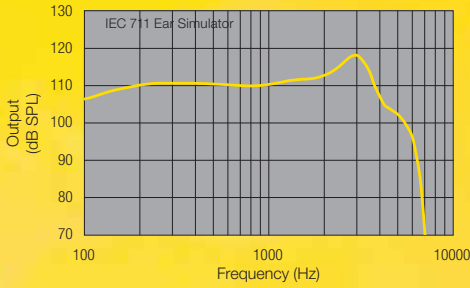
Data in accordance with IEC 60118-0, IEC 60118-7; Supply Voltage 1.3 V.

Patents pending.

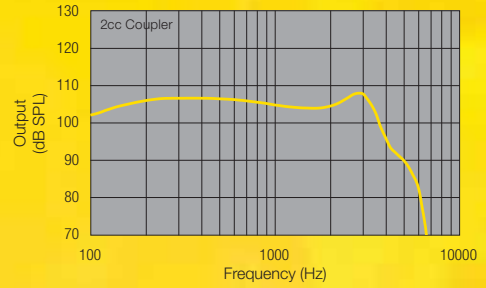
All specifications are subject to change without notice.

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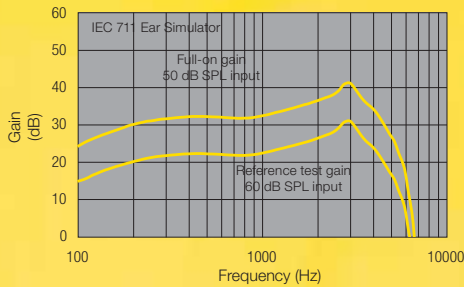
Maximum Output (OSPL 90)



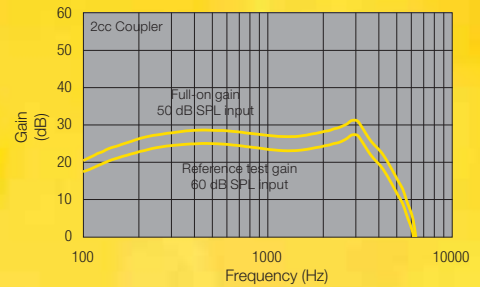
Maximum Output (OSPL 90)



Full-On and Reference Test Gain

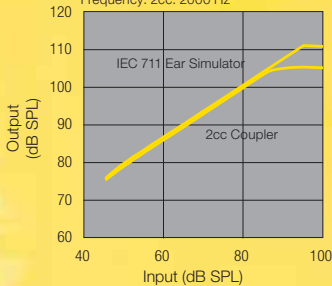


Full-On and Reference Test Gain



Input/Output Response

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



Full/On Gain Parameter Settings*

	250 Hz	500 Hz	1 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[80]	25	25	25	25	25	25	25
G[50]	34	34	34	34	34	34	34

Reference Test Gain Parameter Settings for 118-0*

	250 Hz	500 Hz	1 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[80]	18	18	18	18	18	18	18
G[50]	27	27	27	27	27	27	27

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]	24	24	24	24	24	24	24
G[50]	33	33	33	33	33	33	33

*Settings in accordance with Aventa fitting software

ReSound

rediscover hearing

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