

ReSound X-plore

Product information

XE10-P CIC



Product Description

ReSound X-plore XE10-P CIC 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 CIC
- 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™
- Low Battery Warning Indicator
- Industry-leading, fast and power-efficient chip technology

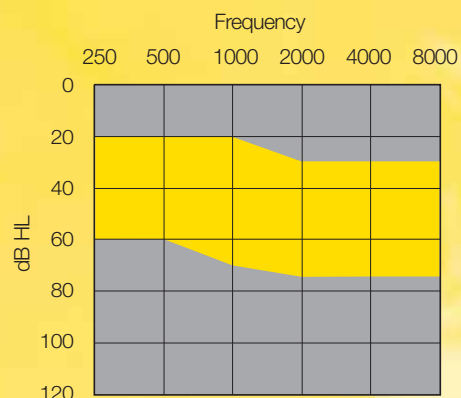
Standard Configuration

- Size 10A battery
- Supports StepVent
- Available in 3 colours

Fitting requirements

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

Fitting Range



XE10-P CIC

Technical Specifications

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

Reference Test Gain (60 dB SPL Input)	1600 Hz / HFA	31 dB	31 dB
Full-On Gain (50 dB SPL Input)	Max	49 dB	39 dB
	1600 Hz / HFA	41 dB	33 dB
Maximum Output (90 dB SPL Input)	Max	123 dB SPL	113 dB SPL
	1600 Hz / HFA	118 dB SPL	110 dB SPL
Total Harmonic Distortion	800 Hz	1.0 %	1.2 %
	1600 Hz	0.9 %	1.6 %
Equivalent Input Noise, w/o Noise reduction		25 dB SPL	25 dB SPL
1/3 Octave E.I.N. at 1600 Hz, w/o Noise reduction		11 dB SPL	
Frequency Range (DIN 45605)		100-5990 Hz	100-5900 Hz
Current Drain		0.88 mA	0.94 mA
Typical Battery Life Time (Battery type 10A)		102 hrs	96 hrs

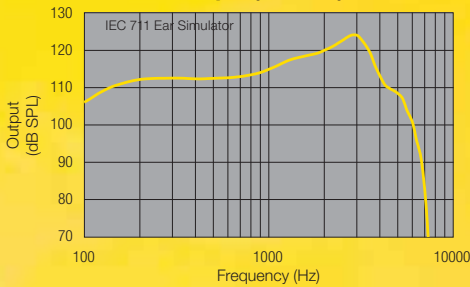
Data in accordance with IEC 60118-0, IEC 60118-7; Supply Voltage 1.3V.

Patents pending.

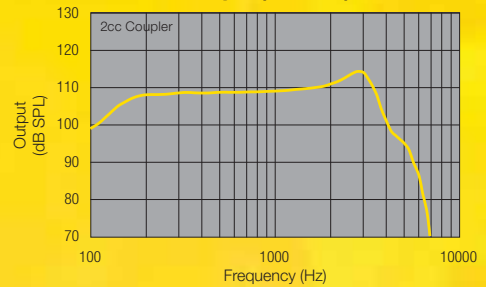
All specifications are subject to change without notice.

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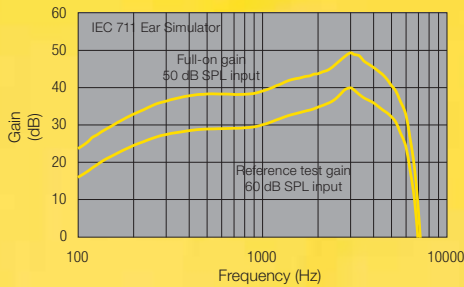
Maximum Output (OSPL 90)



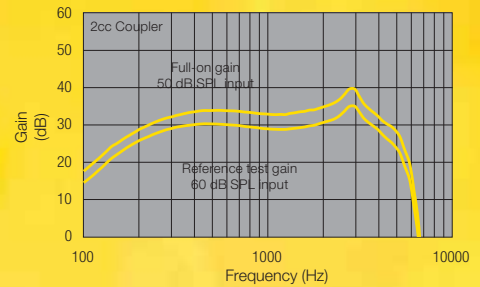
Maximum Output (OSPL 90)



Full-On and Reference Test Gain

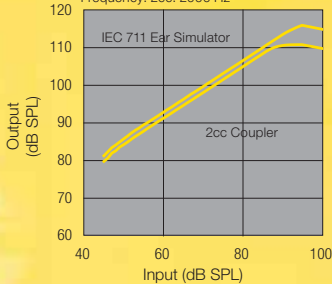


Full-On and Reference Test Gain



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]	29	29	29	29	29	29	29
G[50]	39	39	39	39	39	39	39

Reference Test Gain Parameter Settings for 118-0*

	250 Hz	500 Hz	1 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[80]	22	22	22	22	22	22	22
G[50]	32	32	32	32	32	32	32

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]	29	29	29	29	29	29	29
G[50]	39	39	39	39	39	39	39

*Settings in accordance with Aventa fitting software

ReSound

rediscover hearing

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