ReSound Metrix™
PRODUCT INFORMATION

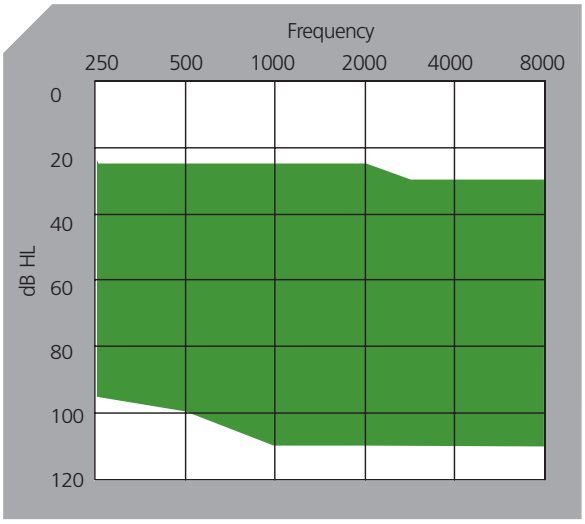
MX80-DVI PBTE

Product Description

ReSound Metrix MX80-DVI is part of a complete range of highly advanced hearing instruments designed to deliver high-performing, fully-transparent hearing - even in the most demanding listening situations.

ReSound Metrix is based on our third generation software-based platform. Thanks to its unique processing power, ReSound Metrix offers a comprehensive collection of groundbreaking new algorithms that set a new standard for speech in noise, sound quality, fitting accuracy and open fittings.

Fitting Range



Key Features

- Ergonomic Power BTE
- 17-band Warp™ Sound Processing (9 gain handles)
- NoiseTracker™ Noise Reduction
- Real-world Directionality™
- EchoStop™
- Windrush Manager™
- Integrated Microphone Matching™
- SoftSwitching™ Automatic Programme
- Dual Stabilizer™ DFS Feedback Cancellation
- Onboard Analyzer™ DataLogging
- SmartStart™
- Acoustic Indicator for Programme Selection
- Acoustic Indicator for Volume Control
- Low Battery Warning Indicator
- Up to 4 Customisable Programmes

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 20 colours

Fitting Requirements

- Aventa fitting software (version 2.2 or higher)
- CS44 BTE Socket Cable
- HI-PRO or NOAHlink interface (NOAHlink recommended)

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New address
from June 1st 2006:
Lautrupbjerg 7
DK-2750 Ballerup
Denmark

MX80-DVI PBTE

TECHNICAL SPECIFICATIONS

		IEC 60118-0 IEC 711 Ear Simulator	IEC 60118-7 2cc Coupler
Reference Test Gain (60 dB SPL Input)	1600Hz	55 dB	46 dB
Full-On Gain (50 dB SPL Input)	Max	74 dB	65 dB
	1600 Hz	66 dB	58 dB
Maximum Output (90 dB SPL Input)	Max	140 dB SPL	135 dB SPL
	1600 Hz	133 dB SPL	124 dB SPL
Total Harmonic Distortion	800 Hz	0.8 %	0.5 %
	1600 Hz	0.8 %	0.6 %
Full-On Telecoil Sensitivity (1 mA/m Input)	Max	106 dB SPL	99 dB SPL
Equivalent Input Noise, w/o Noise reduction		27 dB SPL	28 dB SPL
1/3 Octave E.I.N. at 1600 Hz, w/o Noise reduction		13 dB SPL	13 dB SPL
Frequency Range (DIN 45605)		100-6000 Hz	100-5790 Hz
Current Drain		1.35 mA	1.35 mA
Typical Battery Life Time	Battery type 13	215 hrs	215 hrs

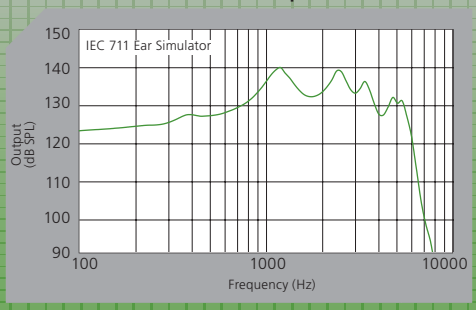
Data in accordance with IEC 60118-0, IEC 60118-7; Supply Voltage 1.3 V.

Patents pending.

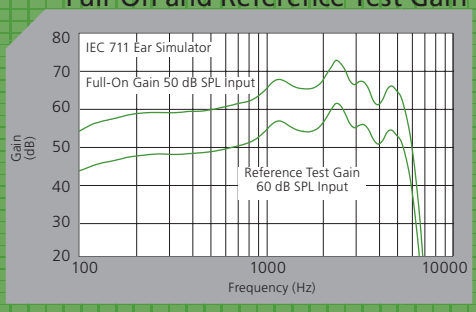
All specifications are subject to change without notice.

15714300-GB-06.04-Rev.A

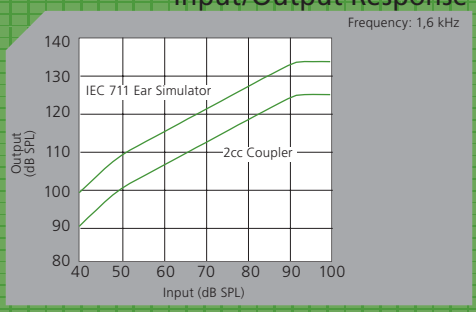
Maximum Output (OSPL 90)



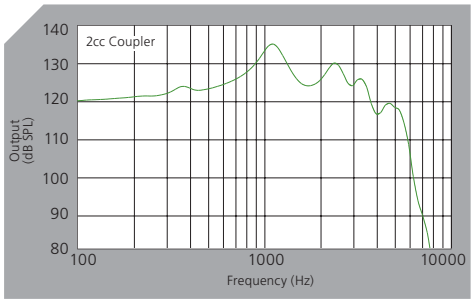
Full-On and Reference Test Gain



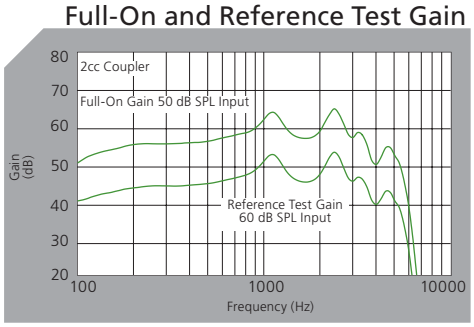
Input/Output Response



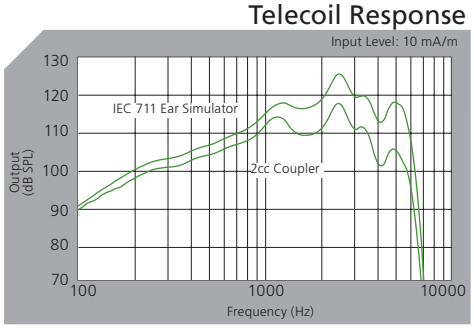
Maximum Output (OSPL 90)



Full-On and Reference Test Gain



Telecoil Response



Full-On Gain Parameter Settings*

	250	500	750	1k	1,5k	2k	3k	4k	6k
G[50]	59	59	59	59	59	58	54	51	51
G[80]	46	46	46	46	46	45	41	38	38

Reference Test Gain Parameter Settings*

	250	500	750	1k	1,5k	2k	3k	4k	6k
G[50]	52	52	52	52	52	51	47	44	44
G[80]	39	39	39	39	39	38	34	31	31

*Settings in accordance with Aventa fitting software

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