

dot by ReSound

Product information

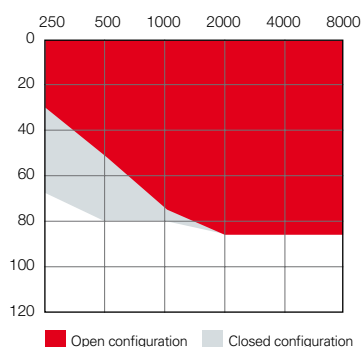


Product Description

dot by ReSound is a true example of evolution. We have taken the market's best hearing technology and made it even less visible when on the ear. Indeed the concept behind dot by ReSound is simple – to enable you to offer your clients exactly what they want, a virtually invisible instrument which will dramatically improve their hearing, at a price which suits them.

This combination of minimal size, maximum hearing improvement, and multiple price points make good business sense. Backed up with stability, easy fitting, and flexibility, dot by ReSound can play a key role in helping grow your business.

Fitting Range



Key Features

Key Features	dot 30	dot 20	dot 10
17-band Warp™ Sound Processing	●	●	
9-band Warp™ Sound Processing			⊙
Gain handles in Aventa	9	7	6
Dual Stabilizer™ II DFS	●	●	●
Feedback cancellation	●	●	●
Impulse Noise Smoother	●	●	●
Environmental Optimizer™	●		
Natural Directionality™	●		
MultiScope Adaptive Directionality™	●	⊙	
Adaptive Directionality			○
SoftSwitching™ Automatic Programme	●	●	●
NoiseTracker™ II Noise Reduction	●	⊙	
NoiseTracker™ Noise Reduction			○
Acceptance Manager	●	●	
EchoStop™	●	●	●
Windrush Manager™	●	●	●
Onboard Analyzer™ II Datalogging	●	⊙	○
Shared key technologies:			
Dual Microphone Technology	●	●	●
Integrated Microphone Matching™	●	●	●
Low-level Expansion	●	●	●
SmartStart™	●	●	●
Low Battery Warning Indicator	●	●	●

● Ultimate
⊙ Advanced
○ Standard

Standard Configuration

- Size 10A batteries
- Battery door with integrated On/Off switch
- Receivers and domes in different sizes
- Four classic colours, seven exclusive colours and four fashion colours

Fitting Requirements

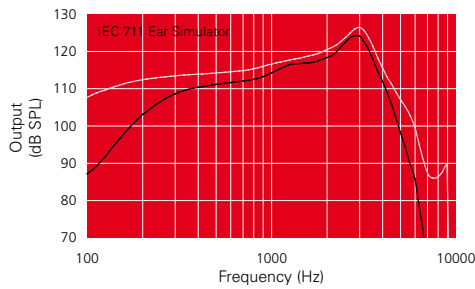
- Aventa fitting software (2.6 or higher)
- CS63 Flex Strip programming cable
- HI-PRO, NOAHlink or Speedlink interface

Models DT3060, DT2060 and DT1060

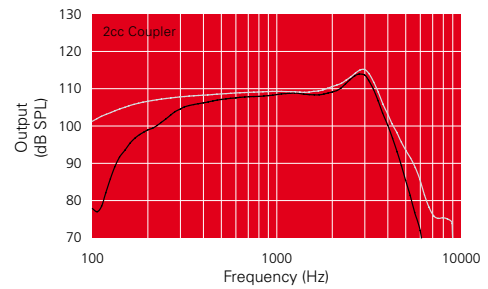
Technical specifications

		IEC 60118-0 IEC 711 Ear simulator		IEC 60118-7-2005 2cc coupler	
		Open	Closed	Open	Closed
Reference test gain (60 dB SPL input)	1600 Hz/HFA	37 dB	37 dB	32 dB	33 dB
	2500 Hz/HFA	42 dB	43 dB	34 dB	35 dB
Full-on gain (50 dB SPL input)	Max.	60 dB	61 dB	49 dB	50 dB
	1600 Hz/HFA	49 dB	49 dB	42 dB	42 dB
	2500 Hz/HFA	54 dB	55 dB	44 dB	45 dB
Maximum output (90 dB SPL input)	Max.	124 dB SPL	126 dB SPL	114 dB SPL	115 dB SPL
	1600 Hz/HFA	117 dB SPL	118 dB SPL	110 dB SPL	110 dB SPL
	2500 Hz/HFA	123 dB SPL	122 dB SPL	113 dB SPL	112 dB SPL
Total harmonic distortion	800 Hz	1,2%	1,6%	0,7%	0,9%
	1600 Hz	1,3%	1,4%	0,9%	1,0%
Equivalent input noise w/o Noise reduction		28 dB SPL	28 dB SPL	28 dB SPL	29 dB SPL
1/3 octave EIN w/o Noise reduction	1600 Hz	15 dB SPL	15 dB SPL	16 dB SPL	14 dB SPL
Frequency range (DIN 45605)		250 Hz-6250 Hz	100 Hz-6400 Hz	160 Hz-6000 Hz	100 Hz-6280 Hz
Current Drain		0,8 mA	0,8 mA	0,9 mA	0,9 mA
Typical Battery life time	(Battery type 10)	113 hrs	113 hrs	100 hrs	100 hrs

Maximum Output (OSPL 90)



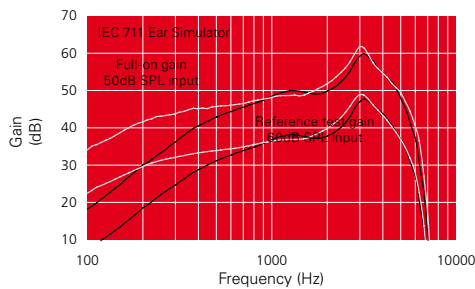
Maximum Output (OSPL 90)



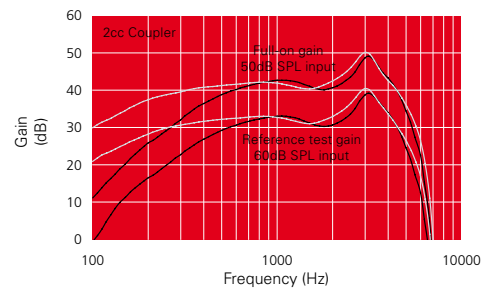
■ Open configuration

■ Closed configuration

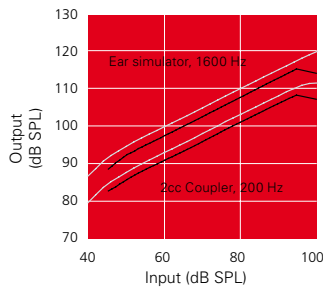
Full-On and Reference Test Gain



Full-On and Reference Test Gain



Input/Output Response



Full-on Gain Parameter Settings*

	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[80]	17	27	27	27	27	27	27	27	27
G[50]	32	42	42	42	42	42	42	42	42

Reference Test Gain Parameter Settings for 118-0

	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[80]	10	20	20	20	20	20	20	20	20
G[50]	25	35	35	35	35	35	35	35	35

Reference Test Gain Parameter Settings for ANSI and 118-7

	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[80]	13	23	23	23	23	23	23	23	23
G[50]	28	38	38	38	38	38	38	38	38

*Settings in accordance with Aventa fitting software.

Supply Voltage 1.3 V.

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