ReSound Enya™

Product Description

The ReSound Enya™ In-The-Earl (ITE) hearing instrument is available in 3 power levels: Medium Power (MP), High Power (HP) and Ultra Power (UP).

The ReSound Enya ITE features 2.4 GHz wireless technology, enabling the hearing instrument to connect to the complete line of ReSound Unite™ wireless accessories.

The ITE model provide options for dual microphones, push button, volume control, and telecoil.

All custom hearing instrument faceplates and associated components are iSolate™ nanotech coated for optimum durability.

EYITE

Model	EY4ITE	EY3ITE	EY2ITE
Device Features			
Battery size		13/312	
Custom power levels		MP, HP & UP	
Colors available		5	
Functional Features			
Fully flexible programs	4	4	3
Synchronised push button	●		
Synchronised volume button	●		
SmartStart™	●	●	●
PhoneNow™	●	●	●
Comfort Phone™	●		
Ear-to-Ear communication	●		
ReSound Unite™ TV Streamer 2	●	●	
ReSound Unite Remote Control 2	●	●	●
ReSound Unite Phone Clip+	●	●	
ReSound Unite Mini Microphone	●	●	
ReSound Control™ app (Phone Clip+ required)	●	●	
Audiological Features			
WARP compression -number of channels	10	8	6
Softswitching™*	●	●	
Adaptive Directionality™*	●	●	●
Fixed Directionality*	●	●	●
NoiseTracker™ II	●	●	●
Expansion	●	●	●
Windguard™*	●	●	
DSF Ultra™ II	●	●	●
Auto DFS™	●	●	●
Tinnitus Sound Generator	●	●	●
Fitting Features			
Fitting software Aventa 3.9 or higher	●	●	●
Available gain handles**	Max 10	Max 8	Max 6
Onboard Analyzer™ II	●	●	●
Safe Fitting	●	●	●
Wireless fitting with Airlink™ 2	●	●	●

EY4ITE-DW UP, EY4ITE-DW HP, EY4ITE-DW MP, EY4ITE-D UP, EY4ITE-D HP, EY4ITE-D MP, EY4ITE-W UP, EY4ITE-W HP, EY4ITE-W MP, EY4ITE UP, EY4ITE HP, EY4ITE MP

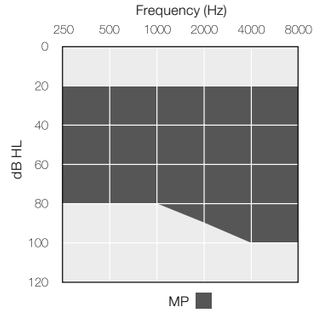
EY3ITE-DW UP, EY3ITE-DW HP, EY3ITE-DW MP, EY3ITE-D UP, EY3ITE-D HP, EY3ITE-D MP, EY3ITE-W UP, EY3ITE-W HP, EY3ITE-W MP, EY3ITE UP, EY3ITE HP, EY3ITE MP

EY2ITE-DW UP, EY2ITE-DW HP, EY2ITE-DW MP, EY2ITE-D UP, EY2ITE-D HP, EY2ITE-D MP, EY2ITE-W UP, EY2ITE-W HP, EY2ITE-W MP, EY2ITE UP, EY2ITE HP, EY2ITE MP

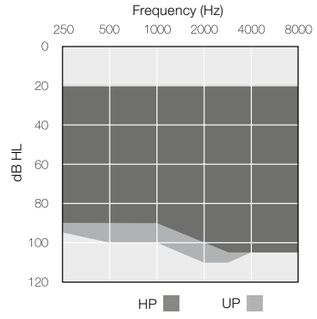
* Not applicable for single microphone instruments

** Can vary per country

Fitting Range - Closed



Fitting Range - Closed

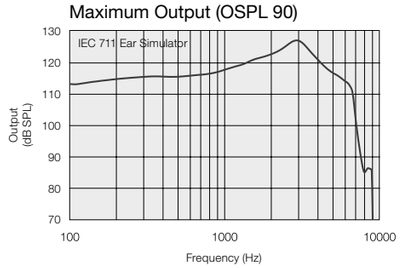


Technical Specifications

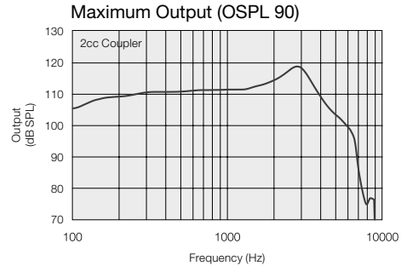
		EYITE (MP) IEC 60118-0 IEC 711 Ear simulator	EYITE (MP) IEC 60118-7 ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	40	36	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	59 50	50 45	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	127 121	119 113	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.5 0.9 1.0	0.7 0.8 0.9	%
Telecoil sensitivity (1 mA/m input)) HFA - SPLIV @ 31.6 mA/m (ANSI) Full-on telecoil sensitivity @ 1mA/m	Max. HFA 1600 Hz/HFA	88 81	 96 74	dB SPL
Equivalent input noise, w/o Noise reduction 1/3 Octave Equivalent input noise, w/o Noise reduction	 1600 HZ/HFA	24 11	21	dB SPL
Frequency range (DIN 45605/ANSI)		100-7170	100-7110	Hz
Current Drain (Quiescent / Operating)		1.03/1.08 / 1.06/1.11	1.03/1.08 / 1.26/1.31	mA

Data in accordance with IEC 60118-0, IEC 60118-7 and ANSI S3.22–2009; supply voltage 1.3 V.

Maximum Output (OSPL 90)



Maximum Output (OSPL 90)

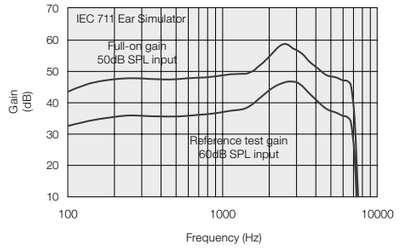


Notes:
O.E.S. = Occluded Ear Simulator
2cc = 2 cm^3 coupler
Pi = Acoustic input signal

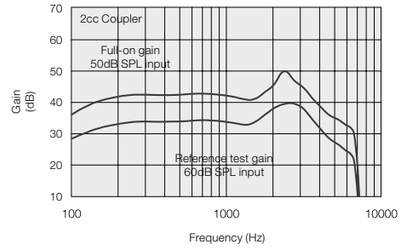
Basic settings:
Full-on Gain, Reference Test Gain
MPO = Maximum Power Output
Maximum Band Width

Measured according to IEC 60 118-0 1983, amendment 1994; at 1.3 V, impedance 6.2 ohms and 23°C on O.E.S. according to IEC711 1981, resp on 2cc according to IEC60118-7 2nd edition 2005 and ANSI S3.22–2009 (HFA average calculated at 1000 Hz, 1600 Hz and 2500 Hz; 0 dBSPL sound pressure equals 20µPa). All measurements without DSP features activated unless indicated otherwise.

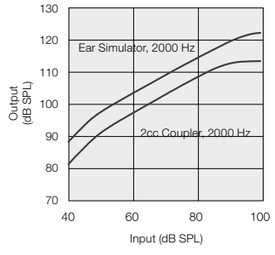
Full-On and Reference Test Gain



Full-On and Reference Test Gain

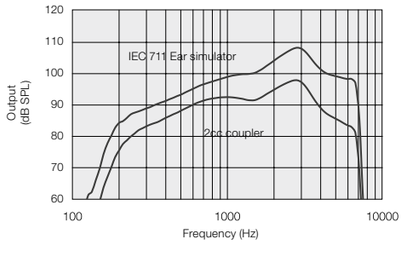


Input/Output Response



Full-On Telecoil Response

Input level 10 mA/m



All specifications are subject to change without notice

400463000-GB-15.04-Rev.A

ReSound A/S
Lautrupbjerg 7
DK-2750 Ballerup, Denmark
Tel.: +45 45 75 11 11
Fax: +45 45 75 11 19
www.resound.com

United Kingdom
GN ReSound Ltd.
Kirtlington Business Centre
Portway
Kirtlington
Oxon OX5 3JA
Tel.: +44 1869 352 800
Fax: +44 1869 343 466
www.gnresound.co.uk

Australia
GN ReSound Pty. Ltd.
Unit R1 Regent Park Estate
391 Park Road
Regent Park NSW 2143
Tel.: 02 9743 9707
Fax: 02 9743 7472
Free call number: 1800 658 955
www.gnresound.com.au

New Zealand
GN ReSound (NZ) Ltd.
Ground Floor, North Entrance
4 Fred Thomas Drive
Takapuna
Auckland, 0622
Tel.: (free) 0800 900 126
Fax: (free) 0800 007 695
www.gnresound.co.nz

ReSound
rediscover hearing

ReSound
rediscover hearing

Technical Specifications

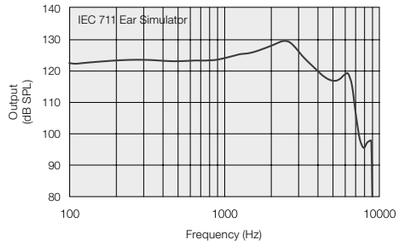
		EYITE (HP) IEC 60118-0 IEC 711 Ear simulator	EYITE (HP) IEC 60118-7 ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	47	43	dB
Full-on gain (50 dB SPL input)	Max.	69	60	dB
	1600 Hz/HFA	59	54	
Maximum output (90 dB SPL input)	Max.	130	121	dB SPL
	1600 Hz/HFA	126	120	
Total harmonic distortion	500 Hz	0.6	0.4	%
	800 Hz	1.3	0.7	
	1600 Hz	0.8	0.5	
Telecoil sensitivity (1 mA/m input))	Max.	98		dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA		103	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	88	83	
Equivalent input noise, w/o Noise reduction		22	20	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz/HFA	9		
Frequency range (DIN 45605/ANSI)		100-6930	100-6770	Hz
Current Drain (Quiescent / Operating)		1.14/1.19 / 1.19/1.24	1.14/1.19 / 1.24/1.29	mA

Data in accordance with IEC 60118-0, IEC 60118-7 and ANSI S3.22–2009; supply voltage 1.3 V.

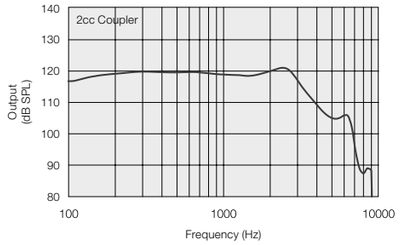
Patents pending

All specifications are subject to change without notice

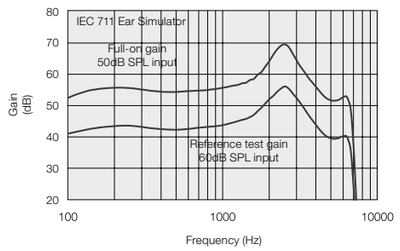
Maximum Output (OSPL 90)



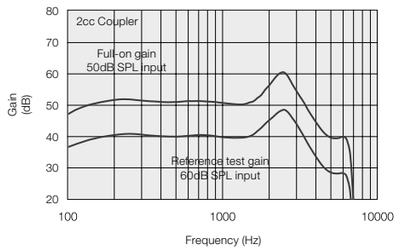
Maximum Output (OSPL 90)



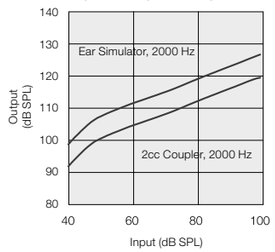
Full-On and Reference Test Gain



Full-On and Reference Test Gain

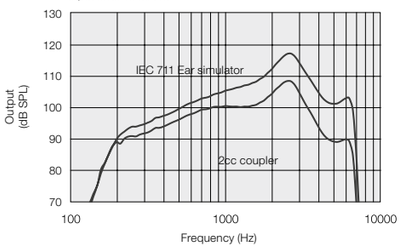


Input/Output Response



Full-On Telecoil Response

Input level 10 mA/m



Technical Specifications

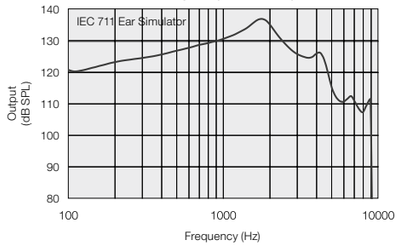
		EYITE (UP) IEC 60118-0 IEC 711 Ear simulator	EYITE (UP) IEC 60118-7 ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	59	49	dB
Full-on gain (50 dB SPL input)	Max.	79	70	dB
	1600 Hz/HFA	70	63	
Maximum output (90 dB SPL input)	Max.	137	130	dB SPL
	1600 Hz/HFA	136	125	
Total harmonic distortion	500 Hz	0.5	0.5	%
	800 Hz	1.4	1.0	
	1600 Hz	0.4	0.2	
Telecoil sensitivity (1 mA/m input)	Max.	106		dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA		109	
Full-on telecoil sensitivity @ 1mA/m)	1600 Hz/HFA	99	93	
Equivalent input noise, w/o Noise reduction		24	20	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction		11		
Frequency range (DIN 45605/ANSI)		140-4720	100-4700	Hz
Current Drain (Quiescent / Operating)		1.03/1.08 / 1.09/1.14	1.03/1.08 / 1.10/1.15	mA

Data in accordance with IEC 60118-0, IEC 60118-7 and ANSI S3.22–2009; supply voltage 1.3 V.

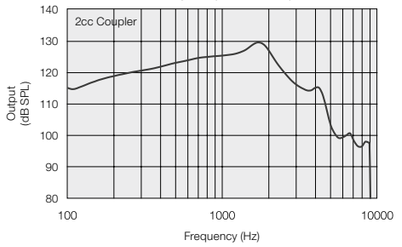
Patents pending

All specifications are subject to change without notice

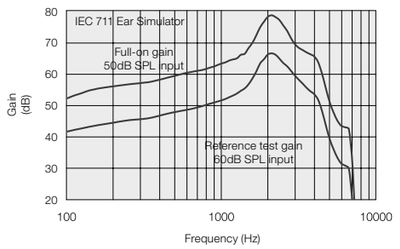
Maximum Output (OSPL 90)



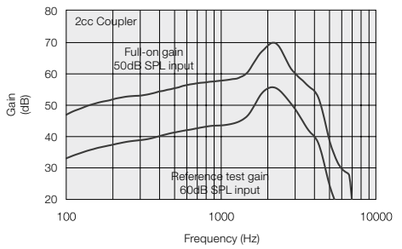
Maximum Output (OSPL 90)



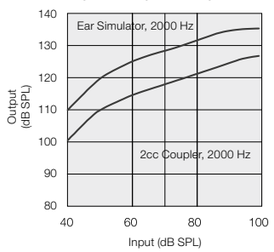
Full-On and Reference Test Gain



Full-On and Reference Test Gain

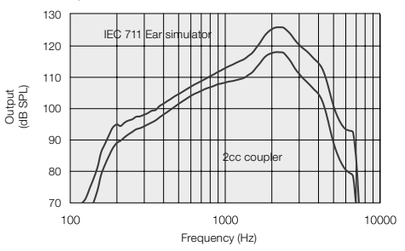


Input/Output Response



Full-On Telecoil Response

Input level 10 mA/m



ReSound

rediscover hearing