

ReSound Enya™



EYITE

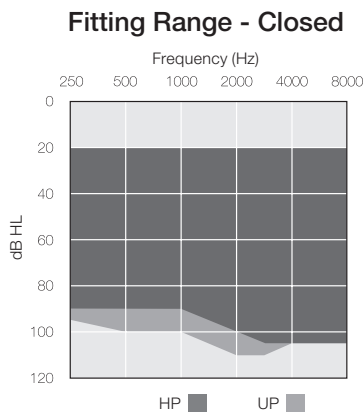
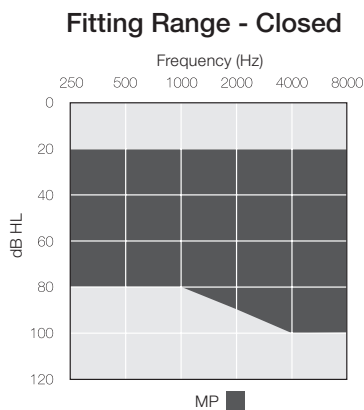
Product Description

The ReSound Enya™ In-The-Ear (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.



Model	EY3ITE	EY2ITE
Device Features		
Battery size	13/312	
Custom power levels	MP, HP & UP	
Colors available	5	
Functional Features		
Fully flexible programs	4	3
SmartStart™	●	●
PhoneNow™	●	●
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	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	●	●
Onboard Analyzer™ II	●	●
Safe Fitting	●	●
Wireless fitting with Airlink™ 2	●	●
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		

ReSound

rediscovers hearing

Technical Specifications

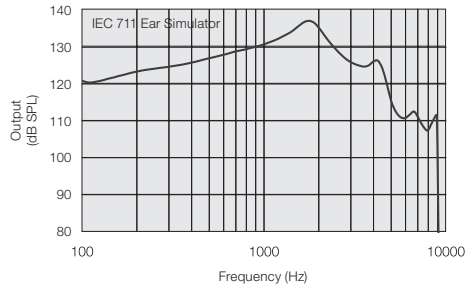
EYITE (UP)	
IEC 60118-0 IEC 711 Ear simulator	IEC 60118-7 ANSI S3.22 2cc coupler

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		1.1	1.2	mA

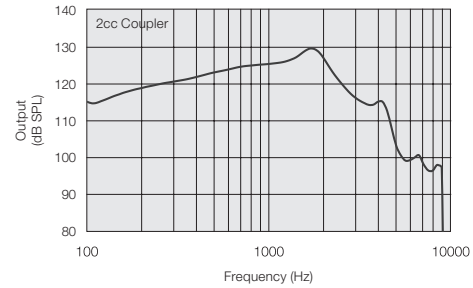
Data in accordance with IEC 60118-0, IEC 60118-7 and ANSI S3.22-2009; supply voltage 1.3 V.

Patents pending

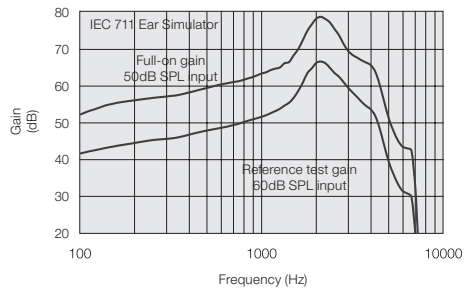
Maximum Output (OSPL 90)



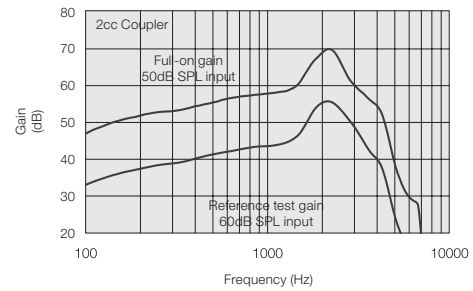
Maximum Output (OSPL 90)



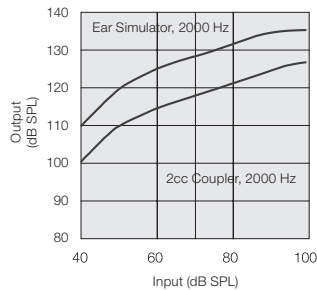
Full-On and Reference Test Gain



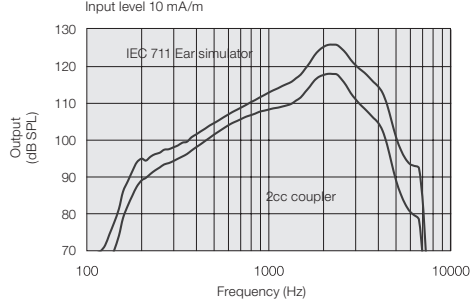
Full-On and Reference Test Gain



Input/Output Response



Full-On Telecoil Response



All specifications are subject to change without notice

ReSound

rediscover hearing

Technical Specifications

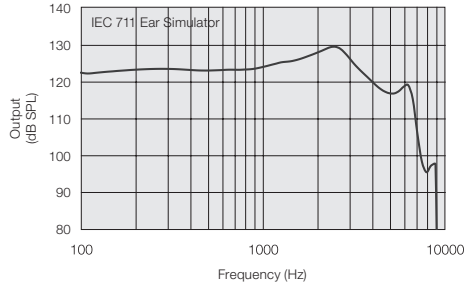
EYITE (HP)

		IEC 60118-0 IEC 711 Ear simulator	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		1.2	1.3	mA

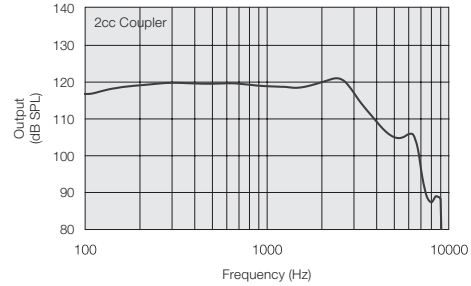
Data in accordance with IEC 60118-0, IEC 60118-7 and ANSI S3.22-2009; supply voltage 1.3 V.

Patents pending

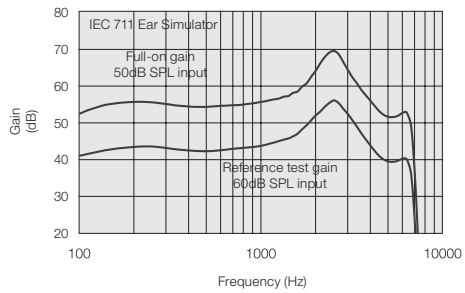
Maximum Output (OSPL 90)



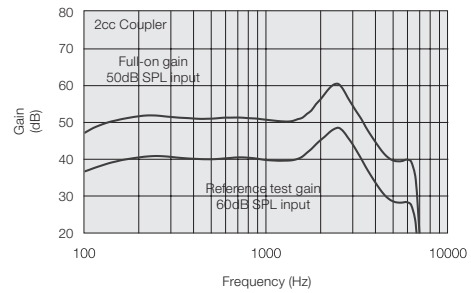
Maximum Output (OSPL 90)



Full-On and Reference Test Gain

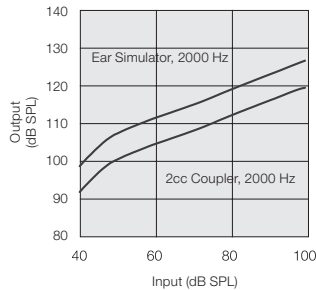


Full-On and Reference Test Gain

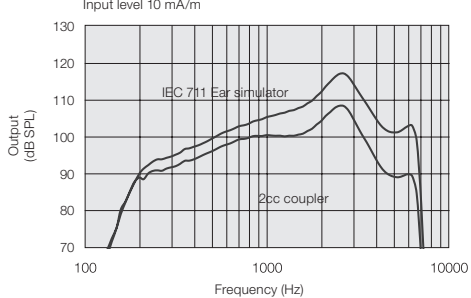


All specifications are subject to change without notice

Input/Output Response



Full-On Telecoil Response



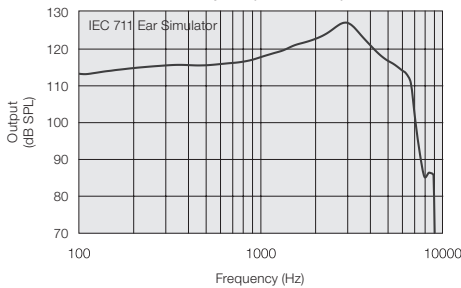
Technical Specifications

		EYITE (MP)		
		IEC 60118-0 IEC 711 Ear simulator	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.	59	50	dB
	1600 Hz/HFA	50	45	
Maximum output (90 dB SPL input)	Max.	127	119	dB SPL
	1600 Hz/HFA	121	113	
Total harmonic distortion	500 Hz	0.5	0.7	%
	800 Hz	0.9	0.8	
	1600 Hz	1.0	0.9	
Telecoil sensitivity (1 mA/m input)	Max.	88		dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA		96	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	81	74	
Equivalent input noise, w/o Noise reduction		24	21	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz/HFA	11		
Frequency range (DIN 45605/ANSI)		100-7170	100-7110	Hz
Current Drain		1.1	1.3	mA

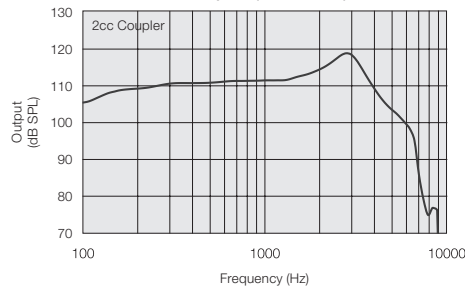
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Patents pending

Maximum Output (OSPL 90)



Maximum Output (OSPL 90)



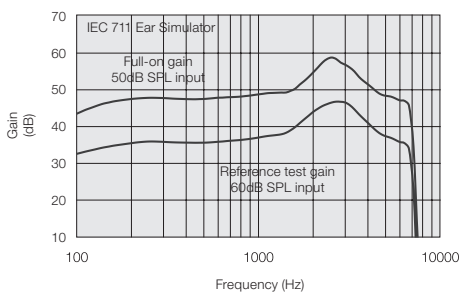
Notes:
O.E.S. = Occluded Ear Simulator
2cc = 2 cm³ coupler
Pi = Acoustic input signal

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

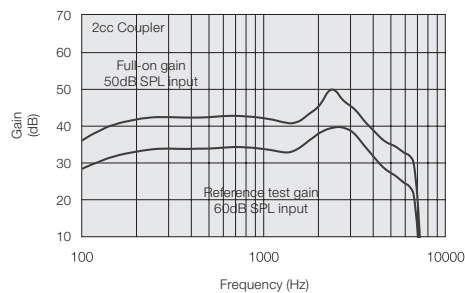
Measured according to IEC 60118-0 1983, amendment 1994; at 1.3 V, impedance 6.2 ohms and 23°C on O.E.S. according to IEC711 1981, resp on 2cc according to IEC60118-7 2nd edition 2005 and ANSI S3.22-2009 (HFA average calculated at 1000 Hz, 1600 Hz and 2500 Hz; 0 dB SPL sound pressure equals 20µPa). All measurements without DSP features activated unless indicated otherwise.

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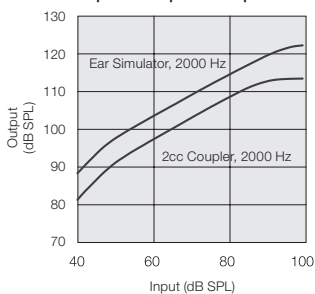
Full-On and Reference Test Gain



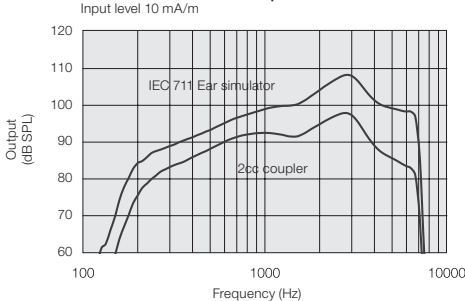
Full-On and Reference Test Gain



Input/Output Response



Full-On Telecoil Response



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ReSound North America
8001 Bloomington Freeway
Bloomington, MN 55420
1-888-735-4327
resound.com

ReSound Government Services
8001 Bloomington Freeway
Bloomington, MN 55420
1-800-392-9932
resound.com/veterans

ReSound Canada
303 Supertest Road
Toronto, Ontario M3J 2M4
1-888-737-6863

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