

# ReSound Enya™



EYCIC

## Product Description

The ReSound Enya™ Completely-in-Canal (CIC) hearing instrument is available in 4 power levels: Low Power (LP), Medium Power (MP), High Power (HP) and Ultra Power (UP).

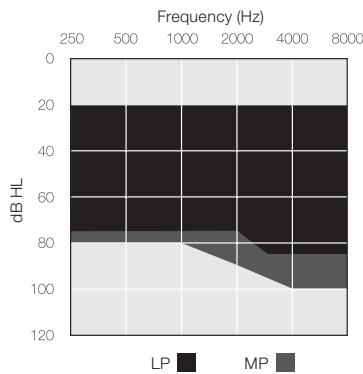
ReSound Enya CIC models are a cosmetic offering focused on small size and discrete appearance.

The CIC models feature options for push button and volume control.

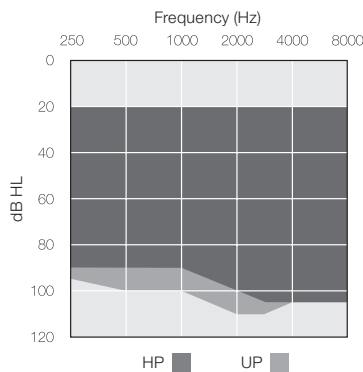
All custom hearing instrument faceplates and associated components are iSolate™ nanotech coated for optimum durability.

Model	EY3CIC	EY2CIC
<b>Device Features</b>		
Battery size	10A	
Custom power levels	LP, MP, HP & UP	
Colors available	5	
<b>Functional Features</b>		
Fully flexible programs	4	3
Push button*	●	●
Volume control*	●	●
SmartStart™	●	●
PhoneNow™	●	●
<b>Audiological Features</b>		
WARP compression - number of channels	8	6
NoiseTracker™ II	●	●
Expansion	●	●
DFS Ultra™ II	●	●
Auto DFS™	●	●
Tinnitus Sound Generator	●	●
<b>Fitting Features</b>		
Fitting Software Aventa 3.9 or higher	●	●
Onboard Analyzer™ II	●	●
Safe Fitting	●	●
EY3CIC UP, EY3CIC HP, EY3CIC MP, EY3CIC LP EY2CIC UP, EY2CIC HP, EY2CIC MP, EY2CIC LP		
* Optional		

### Fitting Range - Closed



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Patents pending

All specifications are subject to change without notice

400461011-US-15.06-Rev.A

ReSound

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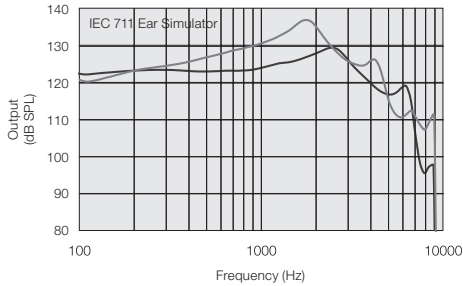
# Technical Specifications

		EYCIC (HP)		EYCIC (UP)		
		IEC 60118-0 IEC 711 Ear simulator	IEC 60118-7 ANSI S3.22 2cc coupler	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	59	49	dB
Full-on gain (50 dB SPL input)	Max.	69	60	79	70	dB
	1600 Hz/HFA	59	54	70	63	
Maximum output (90 dB SPL input)	Max.	130	121	137	130	dB SPL
	1600 Hz/HFA	126	120	136	125	
Total harmonic distortion	500 Hz	0.6	0.4	0.5	0.5	%
	800 Hz	1.3	0.7	1.4	1.0	
	1600 Hz	0.8	0.5	0.4	0.2	
Telecoil sensitivity (1 mA/m input)	Max.	N/A		N/A		dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA		N/A		N/A	
Full-on telecoil sensitivity @ 1mA/m)	1600 Hz/HFA	N/A	N/A	N/A	N/A	
Equivalent input noise		22	20	24	20	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction		9		11		
Frequency range (DIN 45605/ANSI)		100-6930	100-6770	140-4720	100-4700	Hz
Current Drain		1.2	1.2	11	1.1	mA

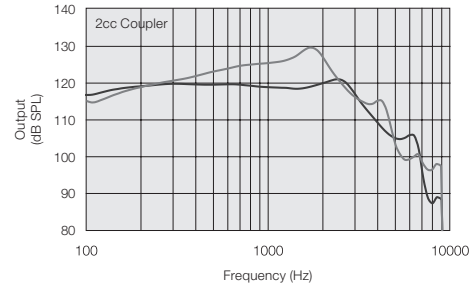
Data in accordance with IEC 60118-0, IEC 60118-7 and ANSI S3.22-2009; supply voltage 1.3 V.

Patents pending

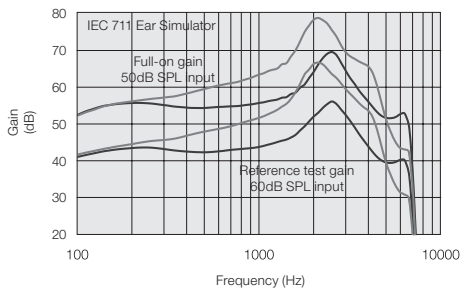
Maximum Output (OSPL 90)



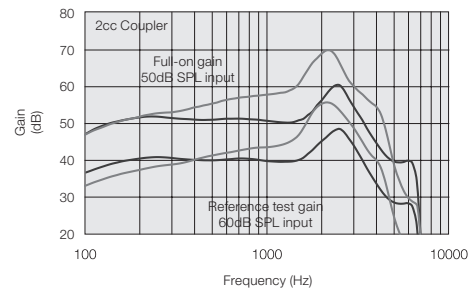
Maximum Output (OSPL 90)



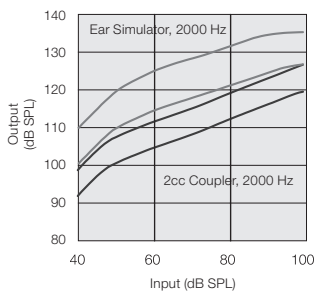
Full-On and Reference Test Gain



Full-On and Reference Test Gain



Input/Output Response



HP ■  
UP ■

All specifications are subject to change without notice

# Technical Specifications

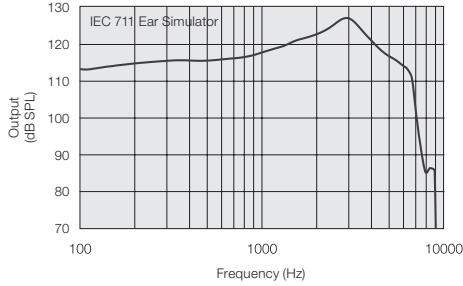
		EYCIC (MP)		
		IEC 60118-0 IEC 711 Ear simulator	IEC 60118-7 ANSI S3.22 2cc coupler	

Reference test gain (60 dB SPL input)	1600 Hz/HFA	40	36	dB
Full-on gain (50 dB SPL input)	Max. 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)	Max.	N/A		
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA		N/A	dB SPL
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	N/A	N/A	
Equivalent input noise		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

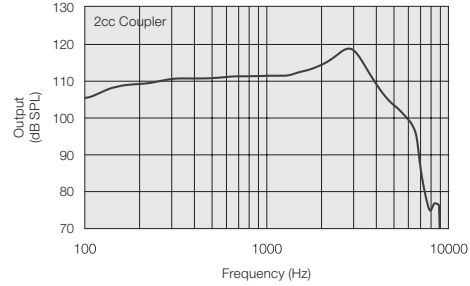
Data in accordance with IEC 60118-0, IEC 60118-7 and ANSI S3.22-2009; supply voltage 1.3 V.

Patents pending

Maximum Output (OSPL 90)

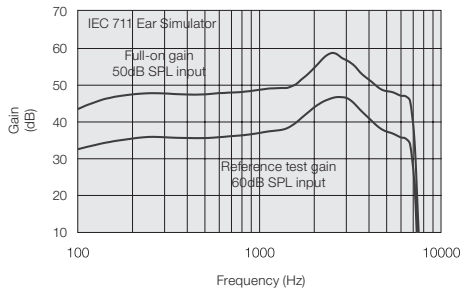


Maximum Output (OSPL 90)

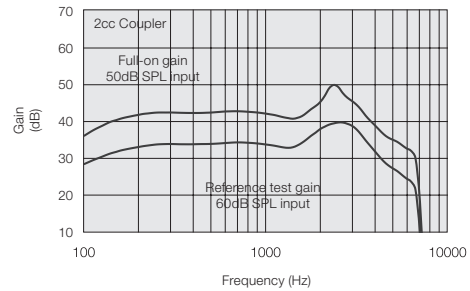


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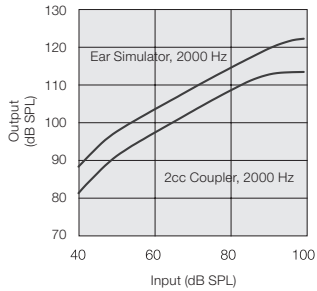
Full-On and Reference Test Gain



Full-On and Reference Test Gain



Input/Output Response

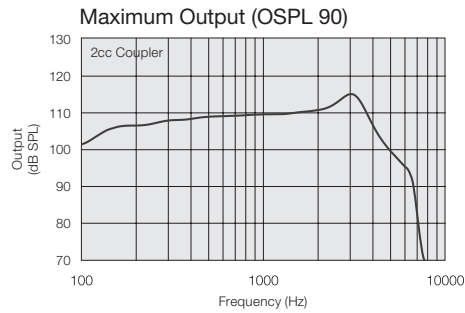
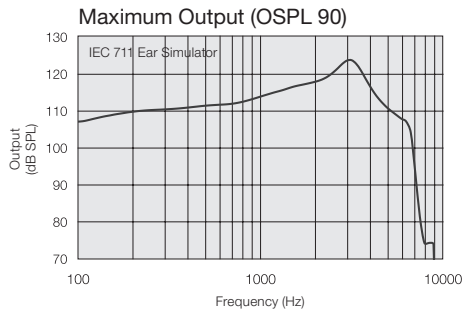


# Technical Specifications

		EYCIC (LP)		
		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	33	33	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	49 43	40 38	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	124 117	115 110	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.4 0.7 0.8	0.6 0.6 1.0	%
Telecoil sensitivity (1 mA/m input)	Max. HFA	N/A	N/A	dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)				
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	N/A	N/A	
Equivalent input noise		22	21	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz/HFA	8		
Frequency range (DIN 45605/ANSI)		100-7120	100-6960	Hz
Current Drain		1.1	1.2	mA

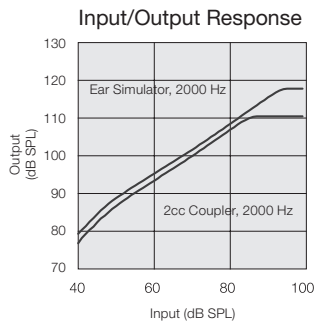
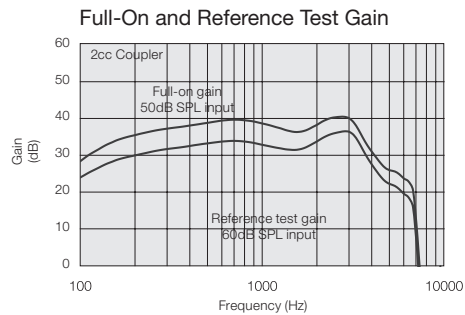
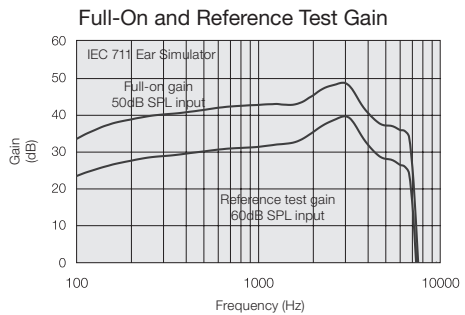
Data in accordance with IEC 60118-0, IEC 60118-7 and ANSI S3.22-2009; supply voltage 1.3 V.



**Notes:**  
O.E.S. = Occluded Ear Simulator  
2cc = 2 cm<sup>3</sup> 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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