

ReSound Live™



Product Information

LV81-DVI / LV781-DVI / LV581-DVI
POWER BTE

Product Description

ReSound Live gives your hearing a surround sound experience. It's like going from a set of stereo speakers to a full blown surround sound system.

The surround sound experience is a greater sense of awareness – of 'being there'. Surround sound provides a more full and detailed sound quality, increased ability to locate where sounds are coming from and the ability to hear every word clearly – even in challenging environments.

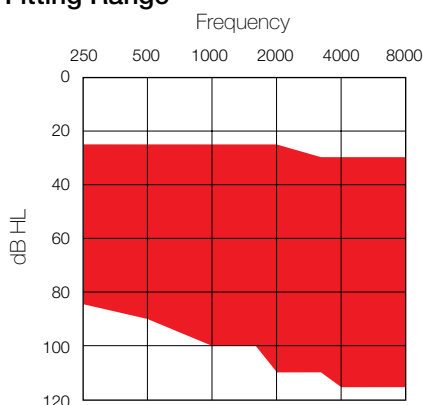
Careful matching of ReSound Live to mimic the natural human ear is a key element in recreating the surround sound experience.

ReSound Live has two state-of-the-art directionality systems that work together with the surround sound processor. The new AutoScope Adaptive Directionality™ and Natural Directionality™ II set new standards for conventional and asymmetrical fittings.

The powerful Dual Stabilizer® II DFS with WhistleControl™ ensures unprecedented distortion free feedback suppression even in dynamic environments. Combined with the most robust noise reduction system (NoiseTracker™ II and effective suppression of wind noise) the wearer will get the ultimate in sound quality.

Small but powerful, the new power BTE completes the Silhouette family of slim & ergonomic design, using the same well-known programming boot.

Fitting Range



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Live 9 Live 7 Live 5

	Live 9	Live 7	Live 5
Personalised blending point - adjustable	●		
Surround sound processor with integrated wind noise suppression	●	●	●
NoiseTracker™ II noise reduction levels (-3, -6, -8, -10 dB)	●	⊙	○
17-band Warp™ compression with extended bandwidth	●	●	
9-band Warp™ compression with extended bandwidth			⊙
WhistleControl™ – sensitivity levels	●	⊙	○
Dual Stabilizer® II DFS	●	●	●
Natural Directionality™ II*	●		
AutoScope Adaptive Directionality™	●		
MultiScope Adaptive Directionality™	●	⊙	
Adaptive Directionality™	●	●	●
Fixed Directionality	●	●	●
SoftSwitching™	●	●	●
EchoStop™	●	●	●
Environmental Optimizer™	●		
Onboard Analyzer™ II data logging	●	●	●
Gain handles	9	7	6
Fully flexible programs**	●	⊙	○
SmartStart™	●	●	●
Acoustic indications of user control and notifications	●	●	●
Complete family of appealing, discreet and comfortable design	●	●	●

○ Standard
⊙ Advanced
● Ultimate

* Not available in single mic devices

** Excluding the CIC devices that do not contain a push button

Standard Configuration

- iSolate™ humidity and shock protection
- Dual Microphone Technology
- Size 13 battery
- Push button
- Programmable volume control
- Telecoil with T and MT modes
- Direct Audio Input
- Available in multiple colours

Fitting Requirements

- Aventa™ fitting software version 2.9 or higher
- Programming adaptor with CS44 socket cable.
- Speedlink™, HI-PRO or NOAHlink interface (Speedlink recommended)

ReSound

rediscover hearing

Technical Specifications

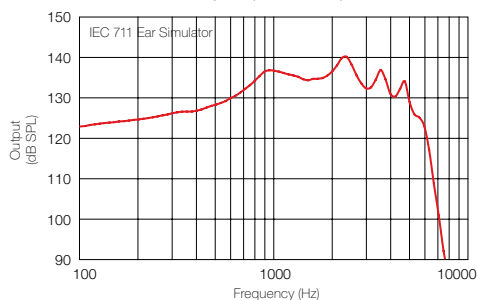
		IEC 118-0 Ear Simulator	IEC 118-7 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz* / HFA**	53	52	dB
Full-on gain (50 dB SPL input)	Max.	72	65	dB
	1600 Hz* / HFA**	64	60	dB
Maximum output (90 dB SPL input)	Max.	140	133	dB SPL
	1600 Hz* / HFA**	135	130	dB SPL
Total harmonic distortion	800 Hz	0,5	0,3	%
	1600 Hz	0,7	0,6	%
Telecoil sensitivity (1 mA/m input)	Max.	101	-	dB SPL
Full-on Telecoil sensitivity @1 mA/m	1600 Hz* / HFA**	93	90	dB SPL
HFA - SPLITS @ 31.6 mA/m (ANSI)	HFA	-	114	dB SPL
Equivalent input noise, w/o Noise reduction		29	22	dB SPL
1/3 Octave Equivalent Input Noise, w/o Noise reduction		14	-	dB SPL
Frequency range (DIN 45605*/ANSI**)		100 - 6220	100 - 6030	Hz
Current Drain		1,09	1,09	mA
Typical Battery life time (Battery type 13)		266	266	hrs

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

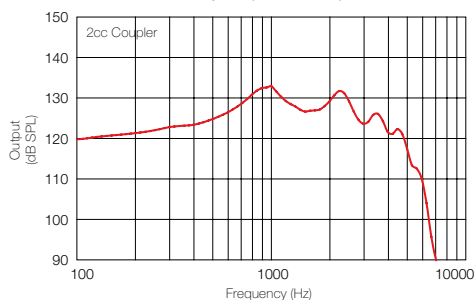
* IEC 118-0, Ear Simulator

** IEC 118-7, 2cc coupler

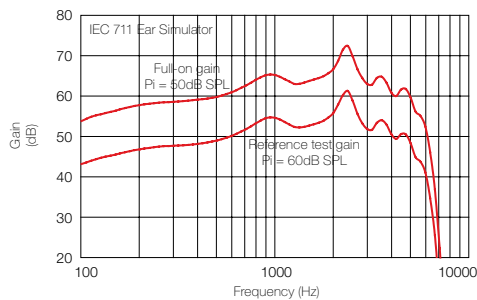
Maximum Output (OSPL 90)



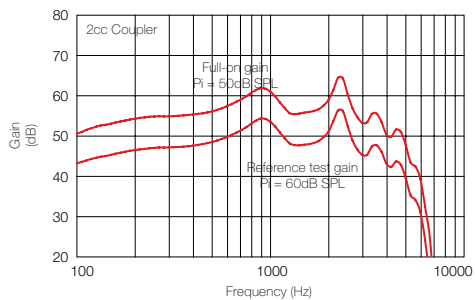
Maximum Output (OSPL 90)



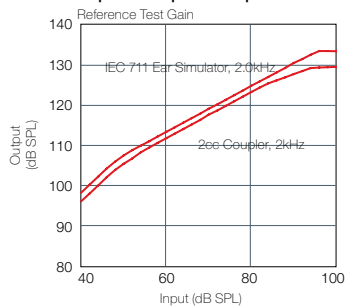
Full-On and Reference Test Gain



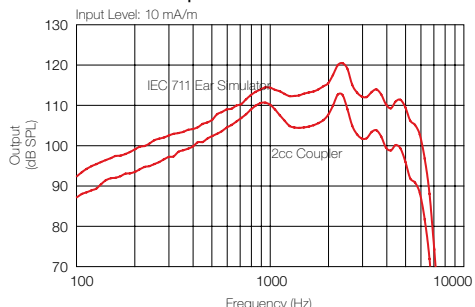
Full-On and Reference Test Gain



Input/Output Response



Telecoil Response



Full/On Gain Parameter Settings*

	250 Hz	500 Hz	750 Hz	1 kHz	1,5 Hz	2 kHz	3 kHz	4 kHz	6 kHz
G[80]	46	46	46	46	46	46	41	38	38
G[50]	59	59	59	59	59	59	52	47	46

Reference Test Gain Parameter Settings for 118-0*

	250 Hz	500 Hz	750 Hz	1 kHz	1,5 Hz	2 kHz	3 kHz	4 kHz	6 kHz
G[80]	39	39	39	39	39	39	34	31	31
G[50]	52	52	52	52	52	52	45	40	39

Reference Test Gain Parameter Settings for ANSI and 118-7*

	250 Hz	500 Hz	750 Hz	1 kHz	1,5 Hz	2 kHz	3 kHz	4 kHz	6 kHz
G[80]	42	42	42	42	42	42	37	34	34
G[50]	55	55	55	55	55	55	48	43	42

*Settings in accordance with Aventa fitting software