

ReSound Live™



Product Information

LV20 / LV720 / LV520
LV20-P / LV720-P / LV520-P
MC

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.

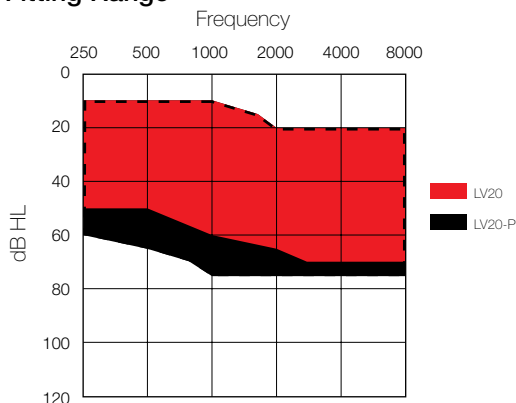
The surround sound experience is a greater sense of awareness – of 'being there'. Surround sound provides a more full and detailed sound quality, increased ability to locate where sounds are coming from and the ability to hear every word clearly – even in challenging environments.

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.

Fitting Range



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	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	●	●	●
Impulse Noise Smoother	●	●	●
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	●	●	●

* Not available in single mic devices

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

Standard Configuration

- Size 10A battery
- Battery door with integrated on/off switch
- Push button (optional)
- Programmable volume control (optional)
- Supports StepVent
- Available in 3 colours

Fitting Requirements

- Aventa™ fitting software version 2.9 or higher
- CS63 FlexStrip Cable (3-pin)
- Speedlink™, HI-PRO or NOAHlink interface (Speedlink recommended)

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○ Standard
⊙ Advanced
● Ultimate

ReSound Live™

Technical Specifications

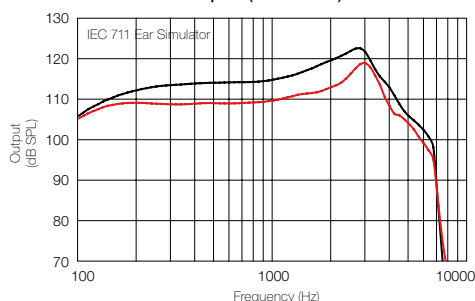
		LV20 / LV720 / LV520		LV20-P / LV720-P / LV520-P		
		IEC 118-0 Ear Simulator	IEC 118-7 2cc coupler	IEC 118-0 Ear Simulator	IEC 118-7 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz* / HFA**	26	24	31	30	dB
Full-on gain (50 dB SPL input)	Max.	43	33	49	39	dB
	1600 Hz* / HFA**	36	27	41	33	dB
Maximum output (90 dB SPL input)	Max.	119	108	122	111	dB SPL
	1600 Hz* / HFA**	111	103	117	109	dB SPL
Total harmonic distortion	800 Hz	0,5	0,4	1,1	0,8	%
	1600 Hz	0,4	0,5	0,9	1,1	%
Equivalent input noise, w/o Noise reduction		26	25	27	26	dB SPL
1/3 Octave Equivalent Input Noise, w/o Noise reduction		12	-	13	-	dB SPL
Frequency range (DIN 45605*/ANSI**)		100-6930	100-6850	110-6440	100-6300	Hz
Current Drain		0,89	0,96	0,9	1,02	mA
Typical Battery life time (Battery type 10A)		101	94	100	88	hrs

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

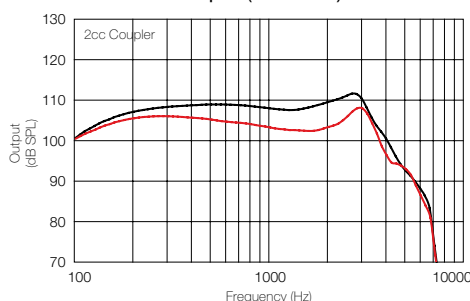
* IEC 118-0, Ear Simulator

** IEC 118-7, 2cc coupler

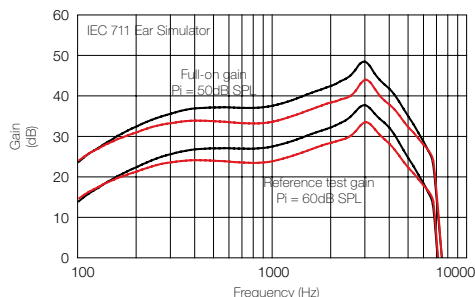
Maximum Output (OSPL 90)



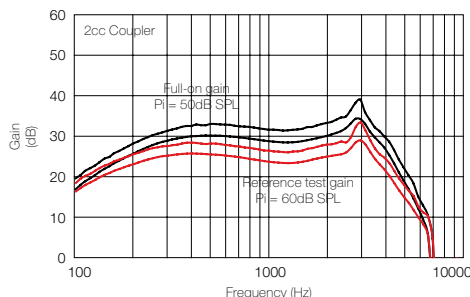
Maximum Output (OSPL 90)



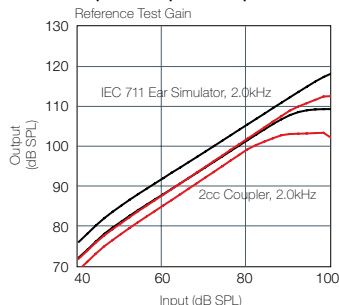
Full-On and Reference Test Gain



Full-On and Reference Test Gain



Input/Output Response



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]	25	29	25	29	25	29	25	29	25
G[50]	34	39	34	39	34	39	34	39	34

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]	18	22	18	22	18	22	18	22	18
G[50]	27	32	27	32	27	32	27	32	27

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]	25	29	25	29	25	29	25	29	25
G[50]	34	39	34	39	34	39	34	39	34

*Settings in accordance with Aventa fitting software

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Patents pending.

All specifications are subject to change without notice.

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