

# ReSound Live™

## PRODUCT INFORMATION



LV70-DVIR, LV770-DVIR,  
LV570-DVIR

Receiver-in-the-ear (RIE) BTE

### Product description

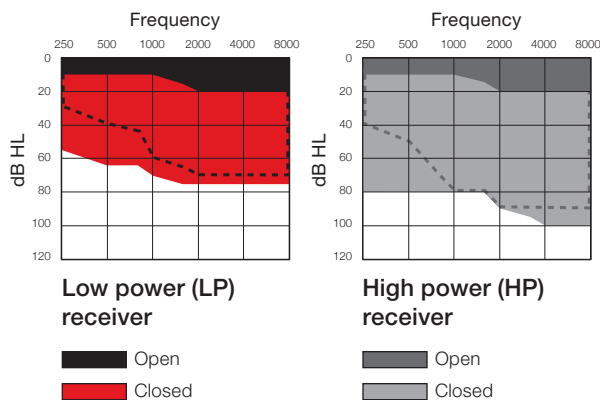
ReSound Live™ delivers a surround sound experience. Just like going from a set of stereo speakers to a fully customized surround sound system, ReSound Live provides a greater sense of awareness—of “being there.”

ReSound Live accurately mimics the function and performance of the natural unaided ear to create a fuller, richer sound quality. Multiple state-of-the-art directionality options, including Natural Directionality™ II and AutoScope™ adaptive directionality, build on the surround sound experience to provide improved speech understanding in noise. ReSound’s powerful Dual Stabilizer® II DFS with WhistleControl™ ensures unprecedented distortion-free feedback suppression while NoiseTracker™ II, a highly robust noise reduction system, combines to deliver the ultimate in sound quality.

This new full-featured, receiver-in-the-ear BTE model has multiple programs as well as volume control and telecoil options. It is also equipped with GORE® filters for increased moisture protection.

ReSound Live allows patients to not only re-engage with life, but also experience sound the way it was meant to be heard.

### Fitting range



Price categories: Top Plus Basic

### Key features

	Live 9	Live 7	Live 5
<b>Awareness and localization</b>			
Surround sound processor with integrated wind noise suppression	●	●	●
Personalized blending point	●	⊙	⊙
<b>Sound quality</b>			
17-Band Warp™ compression —extended bandwidth to 7 kHz	●	●	
9-Band Warp™ compression —extended bandwidth to 7 kHz			⊙
Dual Stabilizer® II DFS	●	●	●
WhistleControl™	●	⊙	○
NoiseTracker™ II noise reduction	●	⊙	○
<b>Performance in noise</b>			
Natural Directionality™ II	●		
AutoScope™ adaptive directionality	●		
MultiScope™ adaptive directionality	●	⊙	
Adaptive directionality			○
SoftSwitching™	●	●	●
Fixed directionality	●	●	●
EchoStop™	●	●	●
<b>Ease of use</b>			
Environmental Optimizer™	●		
Environmental Learner™	●		
Onboard Analyzer™ II datalogging	●	⊙	⊙
SmartStart™	●	●	●
<b>Flexible fitting capabilities</b>			
Gain handles	9	7	6
Up to 4 customizable programs	●	⊙	○
Open fitting capabilities	●	●	●
Supports multiple domes and custom micro-mold	●	●	●

● Ultimate  
⊙ Advanced  
○ Standard

### Standard configuration

- Full-featured receiver-in-the-ear technology
- iSolate™ humidity and shock protection
- Replaceable GORE® filters
- Dual microphone technology
- Size 312 battery
- Power-saving chip technology
- Push button program selector
- Programmable telecoil with T/MT modes
- Programmable volume control
- Bluetooth® compatible with Beetle offered by ReSound
- Direct Audio Input (DAI)
- Low power (LP) and high power (HP) receiver options
- Available in 14 colors

### Fitting requirements

- Aventa™ 2.9 fitting software
- Programming boot with CS44 BTE socket cable (4-pin)
- Speedlink, NOAHlink™ or HI-PRO™ interface (Speedlink recommended)

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

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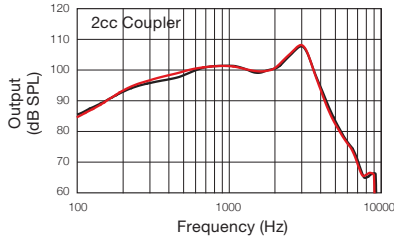
# ReSound

rediscover hearing

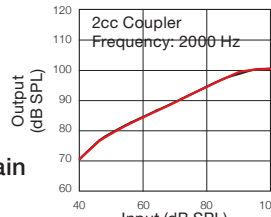
		-DVIR models				
		RIE BTE				
		LP		HP		
		Closed	Open	Closed	Open	
Reference test gain (60 dB SPL input)	HFA	24	25	35	37	dB
Full-on gain (50 dB SPL input)	Max	42	41	57	52	dB
	HFA	35	35	46	46	dB
Maximum output (90 dB SPL input)	Max	108	107	119	118	dB SPL
	HFA	101	101	113	114	dB SPL
Total harmonic distortion	500 Hz	1.1	1.1	1.0	0.9	%
	800 Hz	0.7	0.7	0.8	0.6	%
	1600 Hz	0.7	0.7	1.0	0.8	%
Telecoil sensitivity (SPLITS @31.6 mA/m, ANSI)	HFA	84	85	96	96	dB SPL
Equivalent input noise (without noise reduction)		27	27	27	27	dB
Frequency range (DIN 45605)		100–6820	100–6730	100–7110	100–7110	Hz
Attack time (ANSI RTG -7 dB)		12	12	12	12	ms
Release time (ANSI RTG -7 dB)		70	70	70	70	ms
Current drain		0.89	0.93	0.88	0.93	mA
Typical battery life	Battery size 312	180	172	182	172	hrs

Data in accordance with ANSI S3.22–2003; Supply Voltage 1.3 V.

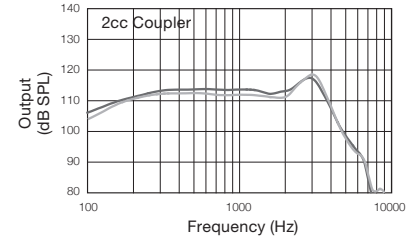
**LP Maximum output (OSPL 90)**



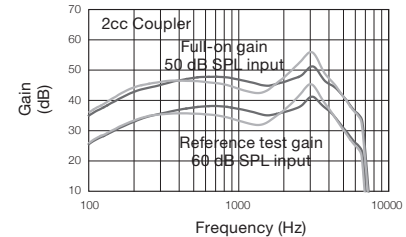
**LP Input/Output response**



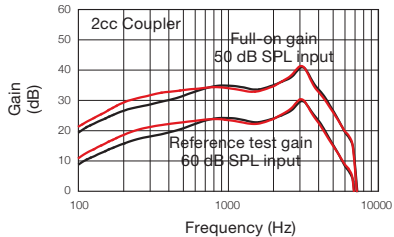
**HP Maximum output (OSPL 90)**



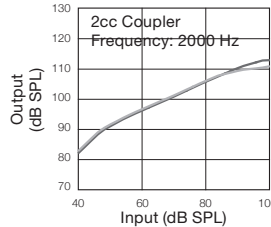
**HP Full-on and reference test gain**



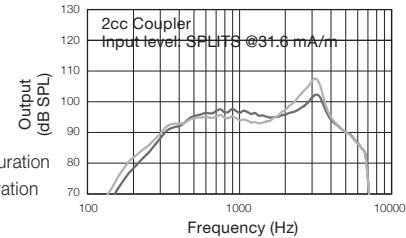
**LP Full-on and reference test gain**



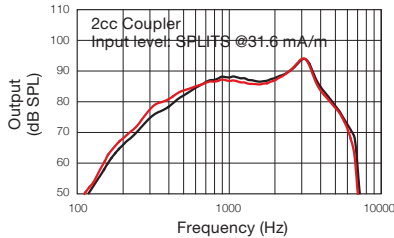
**HP Input/Output response**



**HP Telecoil response**



**LP Telecoil response**



— Closed configuration    — Closed configuration  
— Open configuration    — Open configuration

**LP Parameter settings:\***

**Closed—LV70-DVIR, LV770-DVIR, LV570-DVIR**

FOG	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[50]	35	35	35	35	35	35	35	35	35
G[80]	20	20	20	20	20	20	20	20	20

RTG	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[50]	29	29	29	29	29	29	29	29	29
G[80]	14	14	14	14	14	14	14	14	14

**Open—LV70-DVIR, LV770-DVIR, LV570-DVIR**

FOG	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[50]	20	27	31	34	35	35	35	35	35
G[80]	5	12	16	19	20	20	20	20	20

RTG	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[50]	14	21	25	28	29	29	29	29	29
G[80]	-1	6	10	13	14	14	14	14	14

**HP Parameter settings:\***

**Closed—LV70-DVIR, LV770-DVIR, LV570-DVIR**

FOG	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[50]	49	49	49	49	49	49	49	49	49
G[80]	33	33	33	33	33	33	33	33	33

RTG	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[50]	37	37	37	37	37	37	37	37	37
G[80]	22	22	22	22	22	22	22	22	22

**Open—LV70-DVIR, LV770-DVIR, LV570-DVIR**

FOG	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[50]	34	41	45	48	49	49	49	49	49
G[80]	18	25	29	32	33	33	33	33	33

RTG	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[50]	23	30	34	37	38	38	38	38	38
G[80]	7	14	18	21	22	22	22	22	22

\*Settings in accordance with Aventa fitting software