

ReSound Alera®



**AL960-DR, AL760-DR,
AL560-DR**

**AL961-DRW, AL761-DRW,
AL561-DRW**

**Receiver-in-the-ear (RIE)
non-wireless, wireless**

PRODUCT INFORMATION

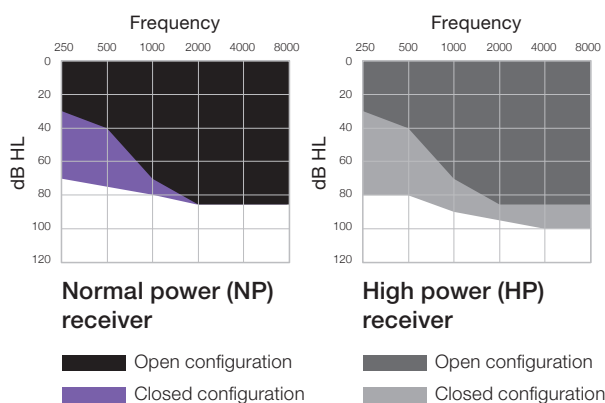
Sometimes the strongest connections are the ones you can't see

Product description

A breakthrough platform, ReSound Range™, is the force behind an advanced technology that connects your patients to the important things in life. It enables features that deliver unrivalled sound quality and gives patients a sharp perception of where sounds are coming from.

Superior wireless technology in ReSound Alera wireless models establishes strong, invisible connections to essential communication devices. All this in a design that is so discreet, the only thing patients will feel is more connected.

Fitting range



Fitting requirements

- Aventa® 3 fitting software (3.0 or higher)
- Wireless fitting option: Airlink® (ALx61 models)
- Non-wireless interface fitting options: Speedlink, NOAHlink® or HI-PRO® with either the CS53 flex strip plus CS44 socket cable, or the CS63 cable and flex strip
- Fresh battery

Price category: Top Plus Basic

Key features	ReSound Alera®		
	9	7	5
ReSound Range™ platform	●	●	●
Surround Sound by ReSound™			
Warp™ compression bands	17	17	9
Directional Mix (surround sound) processor (●) —with adjustable directional mix (●●)	●●	●	●
DFS Ultra™ with built-in WhistleControl™	●	⊙	○
NoiseTracker™ II (⊙ or ○)—with personalized noise reduction per environment (●●)	●●	⊙	○
Personalization			
Environmental Optimizer™ II	●		
Onboard Analyzer™ II datalogging	●	●	●
Programmable volume control*	●	●	●
Speech understanding			
Natural Directionality™ II	●		
AutoScope™ adaptive directionality	●		
MultiScope™ adaptive directionality	●	●	
Adaptive directionality			●
SoftSwitching™	●	●	●
Fixed directionality	●	●	●
Protection			
WindGuard™	●	⊙	
iSolate™ nanotech with protective filters	●	●	●
Flexible fitting			
Gain handles	9	7	6
Up to 4 customizable programs	●	⊙	○
In-situ audiometry	●	●	●
SmartStart™	●	●	●
PhoneNow™ with auto-phone	●	●	●
Expansion—software configurable	●	⊙	○
Wireless connectivity†			
2.4 GHz wireless technology†	●	●	●
Wireless fitting with Airlink®†	●	●	●
ReSound Unite® Mini Microphone†	●	●	●
ReSound Unite TV†	●	●	●
ReSound Unite Remote Control†	●	●	●
ReSound Unite Phone Clip†	●	●	●

● Ultimate
⊙ Advanced
○ Standard

Standard configuration

- Wireless connectivity†
- Dual microphone technology
- Size 10A (ALx60 models) or 312 battery (ALx61 models)
- Push button program selector†
- Normal power (NP) and high power (HP) receiver options
- Open fitting capabilities
- Supports multiple domes and custom micro-mold
- Available in 11 colors

† Available in "W" (wireless) models only (ALx61 models)

* Accessible via Remote Control only (ALx61 models)

GN ReSound North America • 8001 Bloomington Freeway, Bloomington, MN 55420 • 1-800-248-4327

Government Services: 1-800-392-9932 • VAinfo@gnresound.com

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

gnresound.com • customerexperience@gnresound.com

ReSound

rediscover hearing

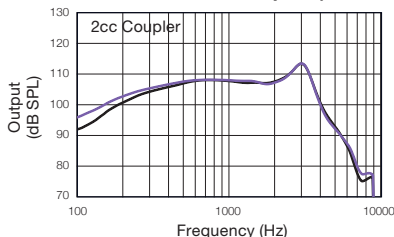
Technical specifications

ANSI S3.22-2003, 2cc coupler

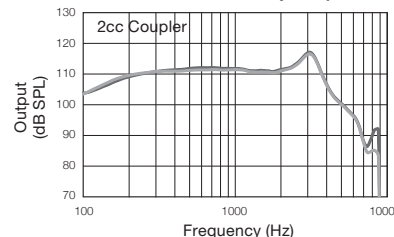
		MICRO & MINI RIE				
		NP Receiver		HP Receiver		
		Open	Closed	Open	Closed	
Reference test gain (60 dB SPL input)	HFA	30	32	35	35	dB
Full-on gain (50 dB SPL input)	Max	47	50	57	58	dB
	HFA	41	42	49	49	dB
Maximum output (90 dB SPL input)	Max	114	114	117	117	dB SPL
	HFA	108	108	112	112	dB SPL
Total harmonic distortion	500 Hz	0.8	0.8	0.7	0.8	%
	800 Hz	0.8	0.9	1.1	1.0	%
	1600 Hz	0.7	0.8	0.9	0.8	%
Equivalent input noise (without noise reduction)		24	25	26	26	dB SPL
Frequency range (DIN 45605)		100-6790	100-6720	100-7150	100-7140	Hz
Attack and release times (ANSI RTG -7 dB)	Attack	12	12	12	12	ms
	Release	70	70	70	70	ms
Current drain	Battery size 10A (AL960/760/560)	1.1	1.1	1.1	1.1	mA
	Battery size 312 (AL961/761/561)	1.2	1.2	1.2	1.2	mA

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

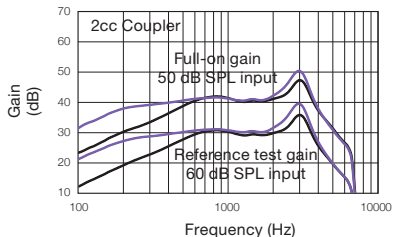
NP Maximum output (OSPL 90)



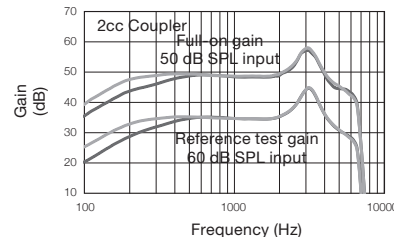
HP Maximum output (OSPL 90)



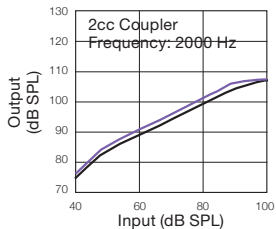
NP Full-on and reference test gain



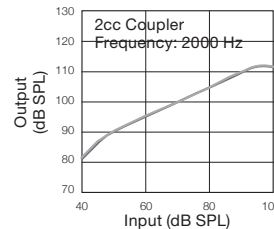
HP Full-on and reference test gain



NP Input/Output response



HP Input/Output response



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

NP Parameter settings:*

Open—AL960/760/560-DR, AL961/761/561-DRW

FOG	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[50]	37	42	42	42	42	42	42	42	42
G[80]	22	27	27	27	27	27	27	27	27

RTG	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[50]	31	36	36	36	36	36	36	36	36
G[80]	16	21	21	21	21	21	21	21	21

Closed—AL960/760/560-DR, AL961/761/561-DRW

FOG	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[50]	42	42	42	42	42	42	42	42	42
G[80]	27	27	27	27	27	27	27	27	27

RTG	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[50]	36	36	36	36	36	36	36	36	36
G[80]	21	21	21	21	21	21	21	21	21

HP Parameter settings:*

Open—AL960/760/560-DR, AL961/761/561-DRW

FOG	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[50]	44	49	49	49	49	49	49	49	49
G[80]	28	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]	35	40	40	40	40	40	40	40	40
G[80]	19	24	24	24	24	24	24	24	24

Closed—AL960/760/560-DR, AL961/761/561-DRW

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]	40	40	40	40	40	40	40	40	40
G[80]	24	24	24	24	24	24	24	24	24

*Settings in accordance with Aventa fitting software