

# ReSound Alera®

## PRODUCT INFORMATION

It simply sounds better!

### Product description

The ReSound Alera® family includes a complete custom product line that is built on a breakthrough platform, ReSound Range™, which is the force behind our advanced hearing instrument technology. It enables features that deliver unrivalled sound quality and give patients a sharp perception of where sounds are coming from to create a surround sound experience.

AL910, AL710, AL510  
AL910-P, AL710-P, AL510-P

AL920, AL720, AL520  
AL920-P, AL720-P, AL520-P

CIC, Power CIC  
Mini Canal (MC), Power MC



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
DFS Ultra™ with built-in WhistleControl™	●	⊙	○
NoiseTracker™ II (⊙ or ○)—with personalized noise reduction per environment (●●)	●●	⊙	○
Personalization			
Environmental Optimizer™ II	●		
Onboard Analyzer™ II datalogging	●	●	●
Protection			
iSolate™ nanotech	●	●	●
Flexible fitting			
Gain handles	9	7	6
Up to 4 customizable programs	●	⊙	○
SmartStart™	●	●	●
PhoneNow™ with auto-phone	●	●	●
Expansion—software configurable	●	⊙	○

● Standard  
○ Advanced  
⊙ Ultimate

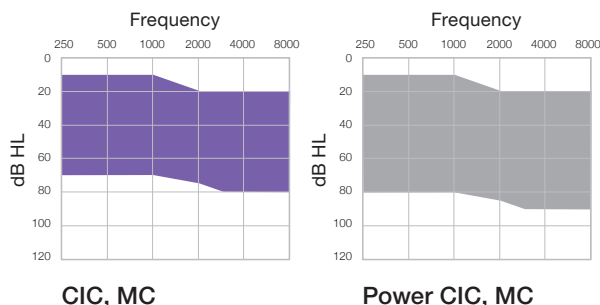
### Standard configuration

- Size 10A battery
- Push button program selector (*optional*)
- Supports StepVent
- Available in 5 colors

### Fitting requirements

- Aventa® 3 fitting software (3.2 or higher)
- Interface fitting options: Speedlink (recommended), NOAHlink® or HI-PRO® with either the CS53 flex strip plus CS44 socket cable, or the CS63 cable and flex strip combination
- Fresh battery

### Fitting range



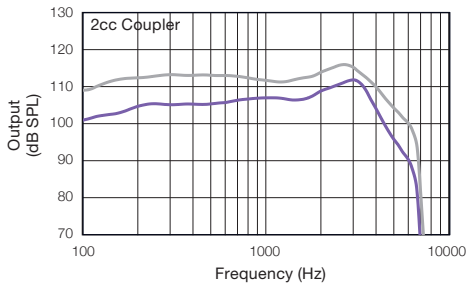
## Technical specifications

ANSI S3.22-2003, 2cc coupler

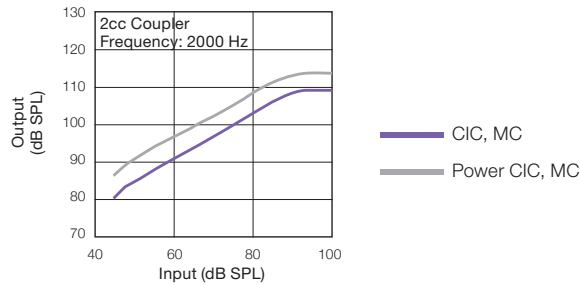
		CIC, MINI CANAL		
		AL910/710/510 AL920/720/520	AL910/710/510-P AL920/720/520-P	
		Standard	Power	
Reference test gain (60 dB SPL input)	HFA	30	36	dB
Full-on gain (50 dB SPL input)	Max	35	42	dB
	HFA	33	40	dB
Maximum output (90 dB SPL input)	Max	112	116	dB SPL
	HFA	108	113	dB SPL
Total harmonic distortion	500 Hz	0.8	0.5	%
	800 Hz	0.6	1.2	%
	1600 Hz	0.7	0.3	%
Equivalent input noise (without noise reduction)		25	23	dB SPL
Frequency range (DIN 45605)		100-6760	100-6780	Hz
Attack and release times (ANSI RTG -7 dB)	Attack	12	12	ms
	Release	70	70	ms
Current drain	Battery size 10A	1.2	1.1	mA

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

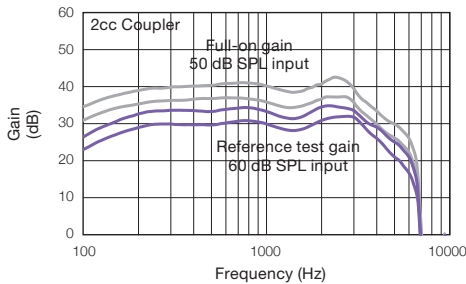
Maximum output (OSPL 90)



Input/Output response



Full-on and reference test gain



Parameter settings\*:

AL910, AL710, AL510, AL920, AL720, AL520

FOG	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]	25	25	26	27	29	25	37	31	24

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]	25	25	26	27	29	25	37	31	24

Power parameter settings\*:

AL910-P, AL710-P, AL510-P, AL920-P, AL720-P, AL520-P

FOG	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[50]	47	47	47	47	47	47	47	47	47
G[80]	35	35	32	32	34	34	37	37	36

RTG	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[50]	47	47	47	47	47	47	47	47	47
G[80]	35	35	32	32	34	34	37	37	36

\*Settings in accordance with Aventa fitting software