

ReSound Alera®

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

Product Description

A breakthrough chip, ReSound Range™, is the force behind advanced technology that connects your clients to the important things in life. It enables features that deliver unrivalled sound quality and give clients a sharp perception of where sounds are coming from. Superior wireless technology that establishes strong, invisible connections to essential communication devices. And a design that is so discreet, the only thing clients will feel is more connected.

Standard Configuration

- Wireless connectivity - ReSound Alera 61
- Full iSolate™ nanotech coating
- Gore™ membranes on microphones
- Choice of Normal Power (NP) and High Power (HP) receivers
- Supports Open and Closed configurations
- Selection of domes and custom moulds to fit ear canal size and hearing loss needs
- Push button - ReSound Alera 61
- Size 10A batteries for ReSound Alera 60 and 312 batteries for ReSound Alera 61
- Battery door with integrated On/Off switch
- 11 different colour combinations

Fitting Requirements

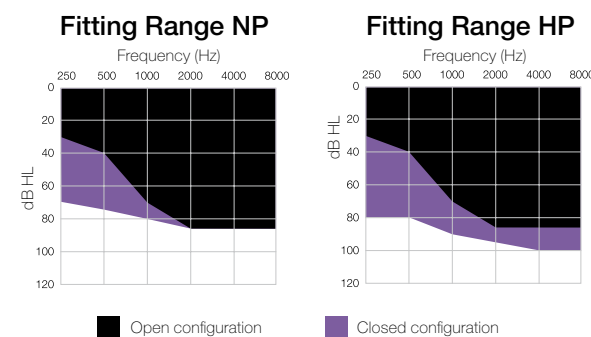
- Aventa3 fitting software (3.2.5 or higher)
- Alera 61: computer-to-hearing aid wireless fitting. Alternatively, CS63 Flex Strip programming cable
- Alera 60: CS63 Flex Strip programming cable
- Wireless fitting interface: Airlink™
- Traditional fitting interface: Hi-Pro, NOAHlink, SpeedLink



AL960-DR, AL760-DR, AL560-DR,
AL961-DRW, AL761-DRW,
AL561-DRW, AL461-DRW
RIE

	ReSound Alera® 9	ReSound Alera® 7	ReSound Alera® 5	ReSound Alera® 4
ReSound Range™ chip	●	●	●	●
Surround Sound by ReSound				
WARP™ compression - number of bands	17	17	9	7
Directional Mix (Surround sound processor)	●	●	●	●
- Adjustable directional mix	●			
DFS Ultra - with built-in WhistleControl™	●	○	○	○
NoiseTracker™ II	●	○	○	○
Personalized noise reduction	●			
Personalization				
Environmental Optimizer™ II	●			
Onboard Analyzer™ II	●	●	●	●
Speech understanding				
Natural Directionality™ II	●			
AutoScope Adaptive Directionality™	●			
MultiScope Adaptive Directionality™	●	●		
Adaptive Directionality			●	●
SoftSwitching™	●	●	●	●
Fixed Directionality	●	●	●	●
Protection				
WindGuard	●	○		
iSolate™ nanotech + Gore® membranes	●	●	●	●
Flexible fitting				
Gain handles	9	7	6	6
Fully flexible programs (up to 4 programs)	●	○	○	○
In-situ Audiometry	●	●	●	●
SmartStart™	●	●	●	●
PhoneNow™	●	●	●	●
Expansion	●	○	○	○
Wireless connectivity with ReSound Unite™ series				
2.4 GHz wireless technology	●	●	●	●
Wireless fitting with Airlink™	●	●	●	●
ReSound Unite™ TV	●	●	●	●
ReSound Unite™ Remote Control	●	●	●	●
ReSound Unite™ Phone Clip	●	●	●	●
ReSound Unite™ Mini Microphone	●	●	●	●

● Basic
○ Standard
○ Advanced
● Ultimate



ReSound
rediscover hearing

17377900-GB-11.08 Rev.D

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Technical specifications

		AL60-DR, AL61-DRW, Normal Power (NP)				
		IEC 60118-0 IEC 711 Ear simulator		IEC 60118-7-2005 2cc coupler		
		Open	Closed	Open	Closed	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	38	39	30	32	dB
	2500 Hz/HFA	42	45	-	-	
Full-on gain (50 dB SPL input)	Max.	58	62	47	50	dB
	1600 Hz/HFA	49	50	41	42	dB
	2500 Hz/HFA	53	57	-	-	dB
Maximum output (90 dB SPL input)	Max.	124	125	114	114	dB SPL
	1600 Hz/HFA	117	116	108	108	dB SPL
	2500 Hz/HFA	120	121	-	-	dB SPL
Total harmonic distortion	800 Hz	1,3	1,4	0,8	0,9	%
	1600 Hz	1,0	1,1	0,7	0,8	%
Equivalent input noise w/o Noise reduction		24	24	24	25	dB SPL
1/3 octave EIN w/o Noise reduction	1600 Hz	12	12	12	12	dB SPL
Frequency range (DIN 45605)		190-6940	100-6880	100-6790	100-6720	Hz
Current Drain AL60 (Quiescent/Operating)		1,1/1,1	1,1/1,1	1,1/1,2	1,1/1,2	mA
Current Drain AL61 (Quiescent/Operating)		1,2/1,3	1,2/1,3	1,2/1,3	1,2/1,3	mA
Typical Battery life time AL60 (Battery type 10A)		95	95	88	88	hrs
Typical Battery life time AL61 (Battery type 312)		138	138	138	138	hrs

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

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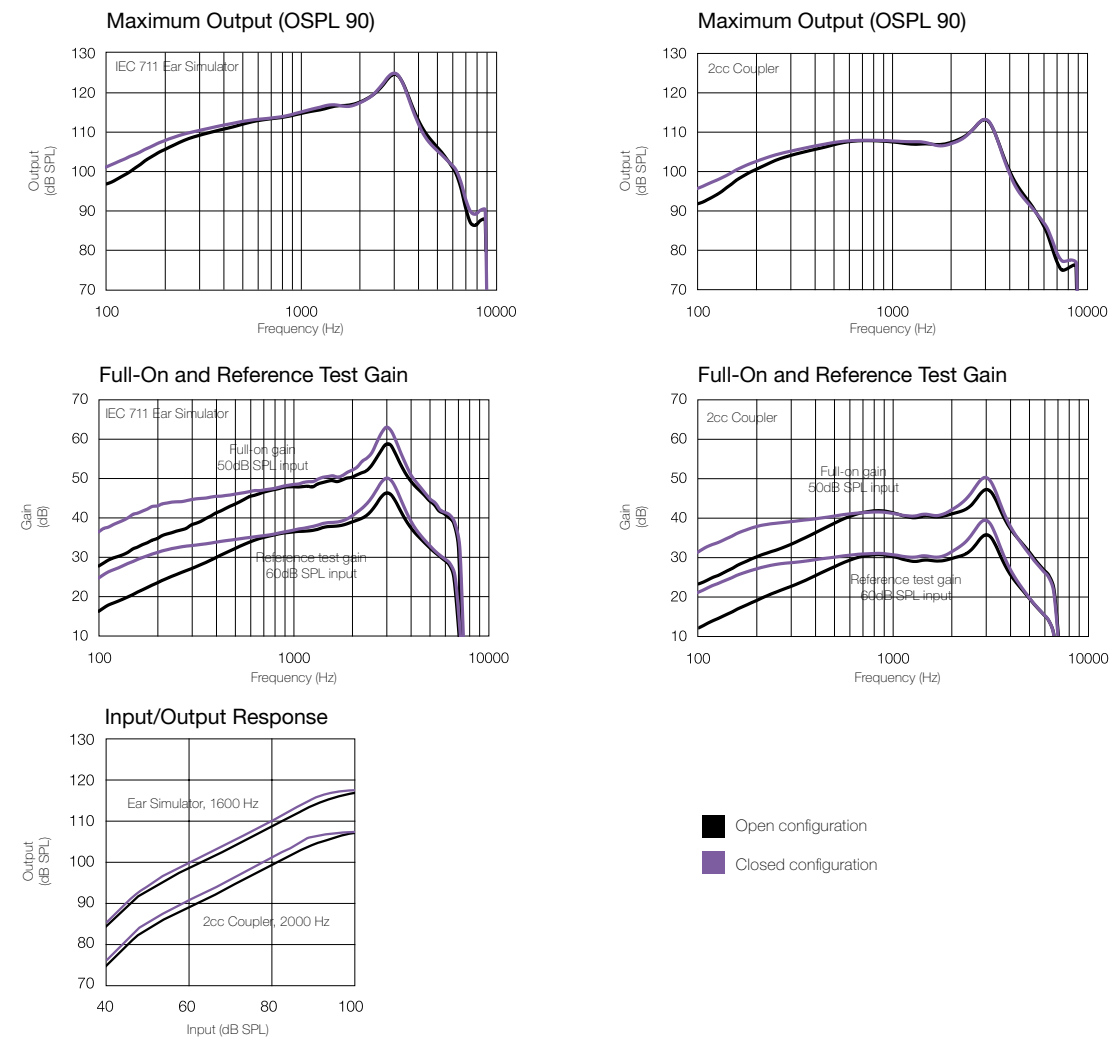
Technical specifications

		AL60-DR, AL61-DRW, High Power (HP)				
		IEC 60118-0 IEC 711 Ear simulator		IEC 60118-7-2005 2cc coupler		
		Open	Closed	Open	Closed	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	45	45	35	35	dB
	2500 Hz/HFA	50	50	-	-	
Full-on gain (50 dB SPL input)	Max.	69	69	57	58	dB
	1600 Hz/HFA	57	57	49	49	dB
	2500 Hz/HFA	62	62	-	-	dB
Maximum output (90 dB SPL input)	Max.	127	128	117	117	dB SPL
	1600 Hz/HFA	120	120	112	112	dB SPL
	2500 Hz/HFA	123	123	-	-	dB SPL
Total harmonic distortion	800 Hz	2,4	2,4	1,1	1,0	%
	1600 Hz	0,9	0,8	0,9	0,8	%
Equivalent input noise w/o Noise reduction		24	24	26	26	dB SPL
1/3 octave EIN w/o Noise reduction	1600 Hz	11	11	12	11	dB SPL
Frequency range (DIN 45605)		130-7170	100-7170	100-7150	100-7140	Hz
Current Drain AL60 (Quiescent/Operating)		1,1/1,2	1,1/1,2	1,1/1,2	1,1/1,2	mA
Current Drain AL61 (Quiescent/Operating)		1,2/1,3	1,2/1,3	1,2/1,4	1,2/1,4	mA
Typical Battery life time AL60 (Battery type 10A)		88	88	88	88	hrs
Typical Battery life time AL61 (Battery type 312)		138	138	129	129	hrs

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

Patents pending

All specifications are subject to change without notice



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]	22	27	27	27	27	27	27	27	27
G[50]	37	42	42	42	42	42	42	42	42

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]	15	20	20	20	20	20	20	20	20
G[50]	30	35	35	35	35	35	35	35	35

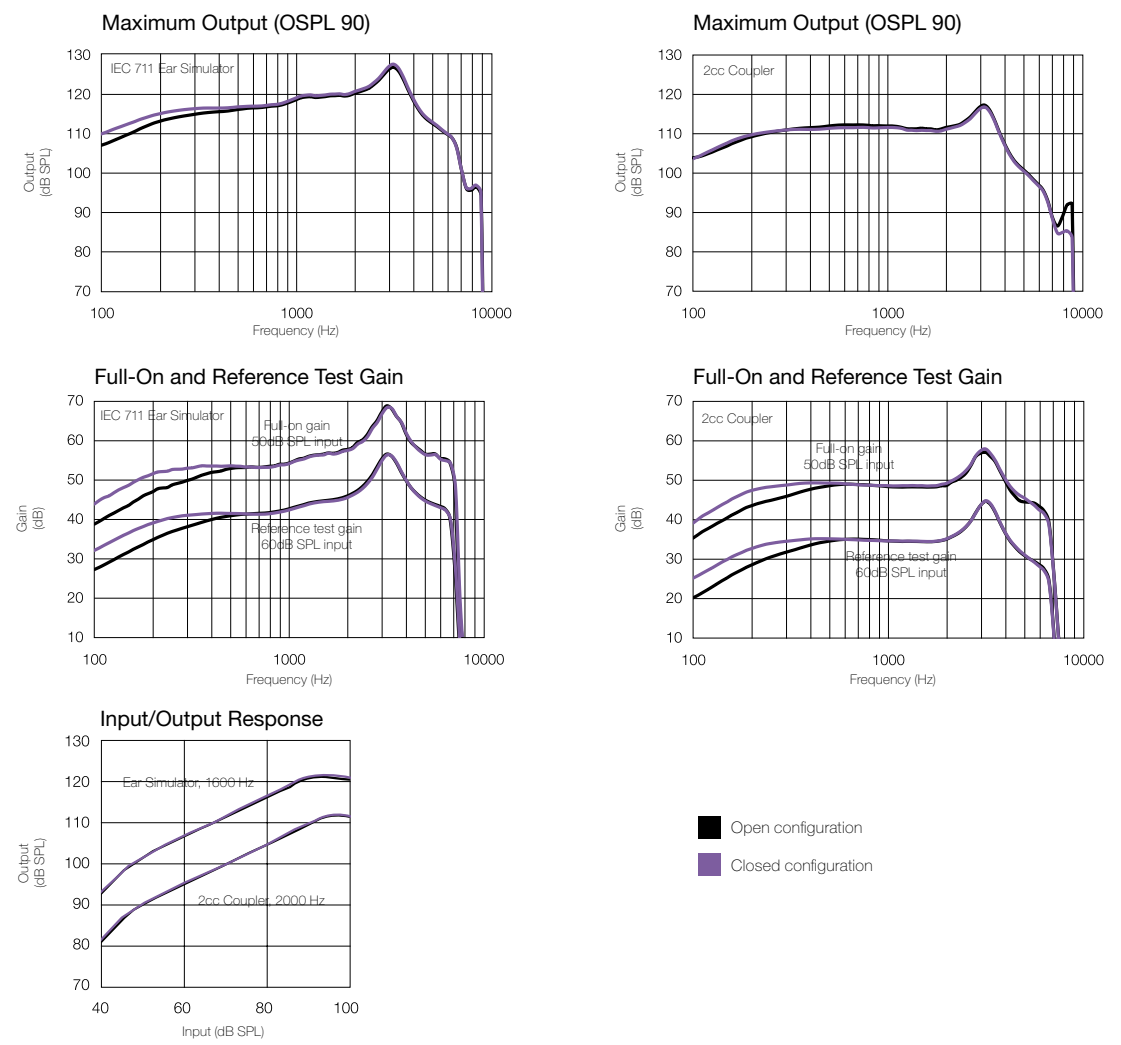
Reference Test Gain Parameter Settings for ANSI and 118-7

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

*Settings in accordance with Aventa fitting software. Supply Voltage 1.3 V.

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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]	28	33	33	33	33	33	33	33	33
G[50]	44	49	49	49	49	49	49	49	49

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]	21	26	26	26	26	26	26	26	26
G[50]	37	42	42	42	42	42	42	42	42

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]	19	24	24	24	24	24	24	24	24
G[50]	35	40	40	40	40	40	40	40	40

*Settings in accordance with Aventa fitting software. Supply Voltage 1.3 V.