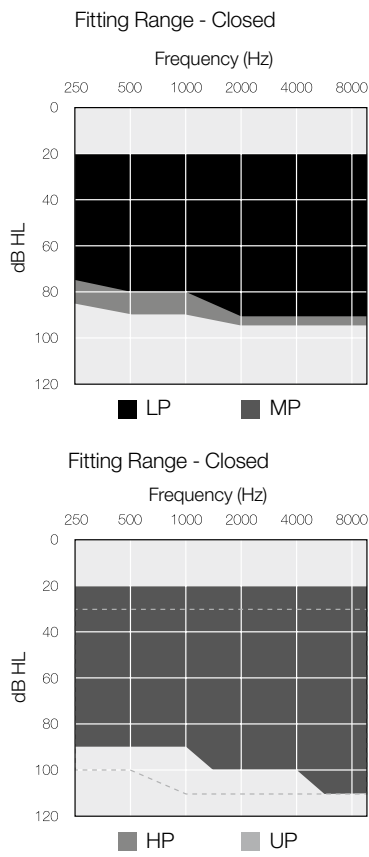


Danavox Barani

XA RIE



XA61-DRW XA61-DRWC XA62-DRWT

Model	XA961-DRW XA961-DRWC XA962-DRWT	XA761-DRW XA761-DRWC XA762-DRWT	XA561-DRW XA561-DRWC XA562-DRWT
Device Configurations			
Battery size 61-DRW:	312 Zinc-Air		
Battery size 61-DRWC:	Rechargeable Lithium-Ion		
Battery size 62-DRWT:	13 Zinc-Air		
Receiver Power levels	LP, MP, HP & UP		
Colours available	6		
Audiological Features			
WARP compression (WDRC) - number of channels	17	14	12
Binaural Directionality III	●		
Spatial Sense	●		
Binaural Directionality		●	
Natural Directionality II	●	●	●
Directional Mix Processor	●	●	●
Adjustable directional mix	●		
Synchronised Soft Switching	●	●	
Soft Switching	●	●	●
Autoscope Adaptive Directionality	●		
Multiscope Adaptive Directionality		●	
Adaptive Directionality			●
Binaural Environmental Optimiser II	●		
Environmental Optimiser		●	
Noise Tracker II	●	⊙	○
Expansion	●	⊙	○
Impulse Noise Reduction	●	●	
Wind Guard	●	⊙	○
Sound Shaper	●	●	●
DFS Ultra II	●	●	●
Music Mode	●	●	●
Synchronized Acceptance Manager	●	●	●
Low Frequency Boost (Only UP)	●	⊙	○
Amplification Strategy (WDRC/Semi-Linear/Linear - Only UP)	●	●	⊙
Tinnitus Sound Generator	●	●	●
Functional Features			
Synchronised Push Button*	●	●	●
Synchronised Volume Control**	●	●	●
Smart Start	●	●	●
Phone Now	●	●	●
Comfort Phone	●	●	●
Ear to Ear Communication	●	●	●
Direct audio streaming (MFi, Android™***)	●	●	●
TV Streamer 2, Remote Control, Remote Control 2, Phone Clip+, Micro Mic and Multi Mic	●	●	●
BeMore app	●	●	●
Online Services			
Remote Fine Tuning	●	●	●
Remote Firmware Updates	●	●	●
Live Assist	●	●	●
Fitting Features			
XE BeMore 1.9 or higher	●	●	●
Fully Flexible Programs	4	4	4
Auto DFS	●	●	●
Onboard Analyser II	●	●	●
Noahlink Wireless	●	●	●

* Also including functionality for sychronized Push Button Volume Control
** Only for 62 models
*** Compatible with Android smartphones that support direct Android streaming to hearing aids.



Charging cable



AC/DC Adaptor



Charger

Technical data	
Dimensions	99.4 x 35 x 67.5 mm / 3,9 x 1.4 x 2.7 "
Weight	145 gram / 5.1 oz
Power Supply	Rechargeable Lithium Ion battery
Power Connector	Micro USB
Power Source	3.6 V, 2600 mAh
Charging time for internal lithium ion battery in Charger	Max 3,5 hours, depending on initial state of the battery
Battery life (fully charged, not connected to mains power)	"Min. 3 full charges of 2 hearing instruments, Without hearing instruments: 12 months"
Charging time for Hearing Instrument	Maximum 3 hours, depending on initial state of the battery
Wireless frequency between Hearing Instrument and Charger	2.4 GHz, 267 kHz and 333 kHz
ESD tolerance	According to IEC 61000-4-2 Electrostatic discharge imunity test standard
Operating & Charging temperature	0 to 40 °C / 32 to 104 °F
Storage temperature for charger and Hearing Instrument	-20 to 45 °C / -4 to 113 °F

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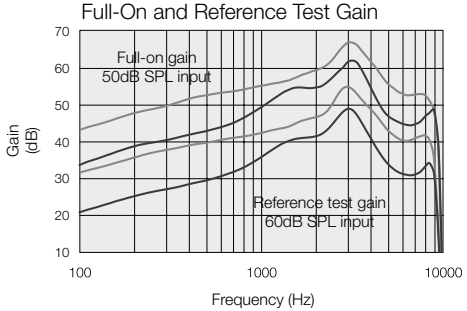
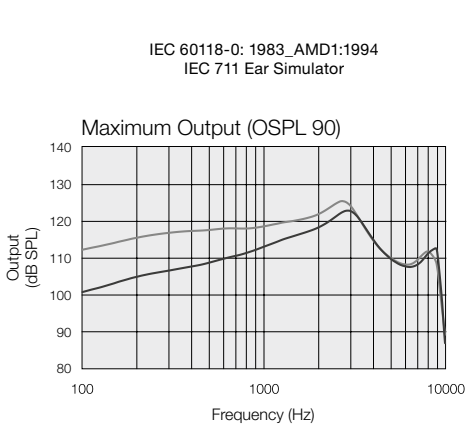
Technical Specifications

		LP		MP		
		IEC 60118-0: 1983_AMD1:1994 IEC 60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	IEC 60118-0: 1983_AMD1:1994 IEC 60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	41	32	45	36	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	62 55	52 46	67 57	58 50	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	123 117	113 109	125 120	116 113	dB SPL
Total harmonic distortion	500 Hz	0.9	0.5	0.4	0.3	%
	800 Hz	1.3	0.8	0.9	0.4	
	1600 Hz	0.8	0.5	0.8	0.7	
Telecoil sensitivity (1 mA/m input)*	Max.	93	82	97	86	dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	100	91	106	96	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	86	76	89	81	
Equivalent input noise, w/o Noise reduction		22	21	25	24	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	9	9	10	11	dB SPL
Frequency range IEC 60118-0: 2015		100-9520**	100-9060	100-9500**	100-9000	Hz
Expected operating time (model 61-DRWC)***		30	30	30	30	Hours
Current Drain (Quiescent / Operating) (Model 61-DRW, 62-DRWT)		1.13/1.19	1.13/1.28	1.13/1.16	1.13/1.19	mA

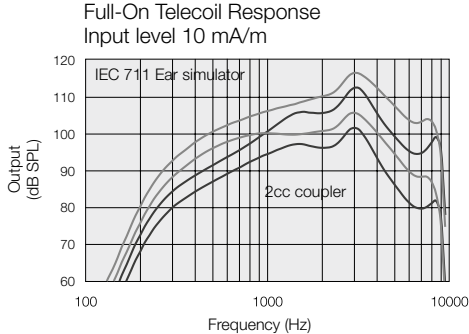
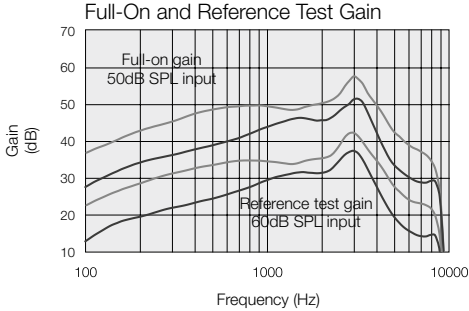
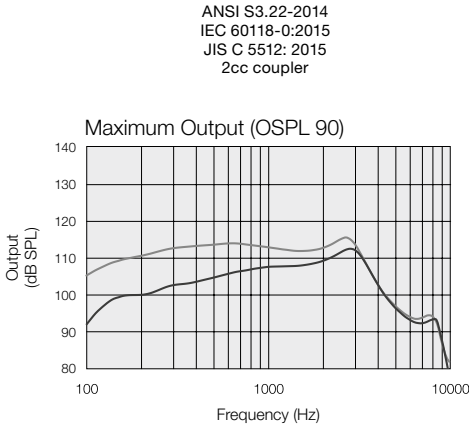
* Telecoil is only for the XA62-DRWT models.
** Measured according to IEC 60118-0:2015, with 711-Ear simulator coupler.
*** Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment.

Patents pending

All specifications are subject to change without notice



■ LP
■ MP



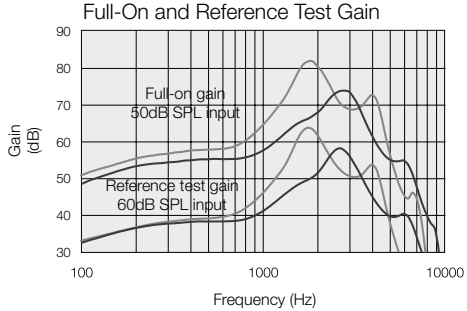
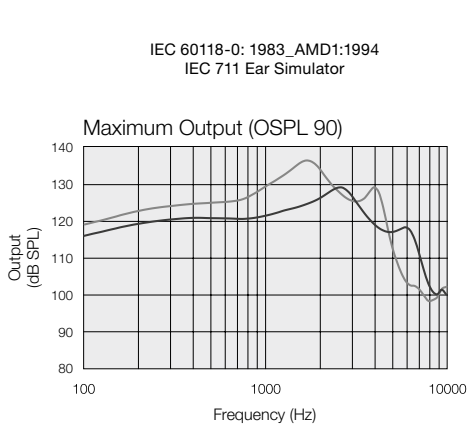
Technical Specifications

		HP		UP		
		IEC 60118-0: 1983_AMD1:1994 IEC 60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	IEC 60118-0: 1983_AMD1:1994 IEC 60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	49	40	61	47	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	74 65	65 57	82 79	75 65	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	129 124	120 117	136 136	128 124	dB SPL
Total harmonic distortion	500 Hz	0.6	0.3	1.2	1.0	%
	800 Hz	1.5	0.7	2.2	1.6	
	1600 Hz	0.6	0.5	0.1	0.1	
Telecoil sensitivity (1 mA/m input)*	Max.	105	95	113	105	dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	110	100	115	108	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	97	89	111	96	
Equivalent input noise, w/o Noise reduction		24	22	17	23	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	9	10	10	9	dB SPL
Frequency range IEC 60118-0: 2015		100-7600**	100-6750	130-5270**	130-4920	Hz
Expected operating time (model 61-DRWC)***		30	30	30	30	Hours
Current Drain (Quiescent / Operating) (Model 61-DRW, 62-DRWT)		1.13/1.16	1.13/1.18	1.14/1.29	1.14/1.21	mA

* Telecoil is only for the XA62-DRWT models.
** Measured according to IEC 60118-0:2015, with 711-Ear simulator coupler.
*** Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment.

Patents pending

All specifications are subject to change without notice



■ HP
■ UP

