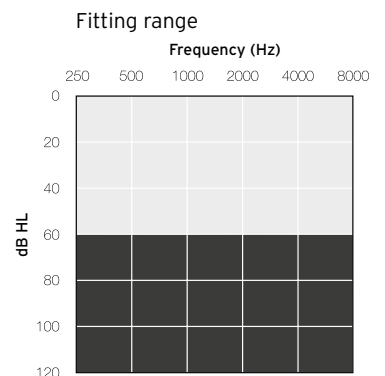




Super Power BTE

Model	MV690-DW	MV490-DW	MV390-DW	MV290-DW
Device Configurations				
Battery size	675 Zinc-Air			
IP Classification IP68	IP 68			
Control option	Telecoil, DAI			
Sound quality				
WARP compression (WDRC), number of channels	17	12	8	6
Compression Mode (only UP receivers)	●	●	●	●
Comfort				
Adaptive Noise Reduction	●	●	●	●
Adaptive Wind Noise Reduction	●	●	●	●
Impulse Noise Reduction	●	●		
Microphone Noise Reduction	●	●	●	●
Environmental Gain Tuner	●			
Environmental Classifier	●	●	●	●
Speech Understanding				
Integrated Directionality	●			
Automatic Beamwidth	●			
Combined Directionality	●	●		
Synchronised Auto-Steered Directionality	●	●		
Selectable Beamwidth	●	●	●	
Auto-Steered Directionality	●	●	●	●
Speech-focused Directionality	●	●	●	●
Feedback management				
Feedback Manager Plus	●	●	●	●
Music Mode	●	●		
Preset Feedback Manager	●	●	●	●
Onboarding				
Synchronised Acclimatization Manager	●	●	●	
Acclimatization Manager	●	●	●	●
Convenience				
Ear to Ear Communication (Push Button, Volume Control)	●	●	●	
Power-on-delay	●	●	●	●
AutoPhone	●	●	●	●
Comfort Phone	●	●	●	
Direct audio streaming (MFi, Android™*)	●	●	●	
TV Streamer 2, Remote Control, Remote Control 2, Phone Clip 2, Micro Mic and Multi Mic	●	●	●	●
Interton Sound™ app	●	●	●	●
Remote Firmware Update	●	●	●	●
Fitting Features				
Interton Fitting™ 1.10 or higher	●	●	●	●
Number of Programs	4	4	4	4
Tinnitus Sound Generator	●	●	●	●
Datalogging	●	●	●	●
Wireless Fitting with Noahlink Wireless	●	●	●	●

* Compatible with Android smartphones that support direct Android streaming to hearing aids



Technical Specifications

MV90-DW	
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	62	53	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	86 74	83 67	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	144 136	141 130	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz 3200 Hz	4.7 0.8 0.8 -	4.2 0.5 0.7 0.2	%
Telecoil sensitivity (1 mA/m input)	Max.	117	113	dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	123	113	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	106	98	
Equivalent input noise, w/o Noise reduction		23	27	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	7	8	dB SPL
Frequency range IEC 60118-0: 2015		100-6120*	100-5200	Hz
Current Drain (Quiescent / Operating)		1.3/1.7	1.3/3.3	mA
Weight of hering aid (without hook, tube and dome/ear mould)		4.50 / 0.16		gram/oz

* Measured according to IEC60118-0:2015, with 711-Ear simulator coupler.

Patents pending

All specifications are subject to change without notice

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