

Phonak Bolero™ Marvel



It's not just a great hearing aid.
It's a multifunctional marvel.

For more information visit www.phonakpro-us.com

A Sonova brand

PHONAK
life is on

Product description



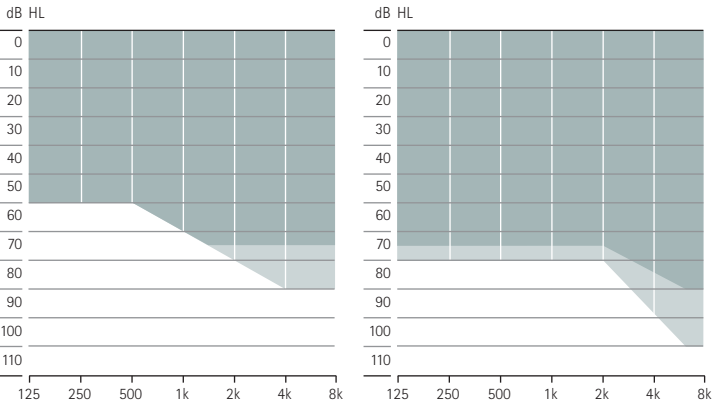
Bolero M-M
Bolero M-M Trial
M90/M70/M50/M30



Bolero M-PR
Bolero M-PR Trial
M90/M70/M50/M30

Battery size		312		built-in rechargeable	
Multi-function button		•		•	
Telecoil		•		•	
Bluetooth®		•		•	
Nano coating		•		•	
IP rating		IP68 ⁷		IP68 ⁷	
Dimensions	L x W x D	31.3 x 14.1 x 7.3 (1.23 x 0.56 x 0.29")		36.7 x 16.4 x 8.5 (1.44 x 0.65 x 0.33")	
	Weight	2.18 g / 0.077 oz		3.71 g / 0.131 oz	
Charging times ⁸	0% to 100%			3 h	
	0% to 80%			1.5 h	
	30 min. fitting			10 min.	
		SlimTube HE	HE11 680	SlimTube HE	HE11 680
Max. Power Output (dB SPL)	2 cc coupler	122	128	127	130
Max. gain (dB)	2 cc coupler	58	63	60	66
Frequency range (Hz)		<100 – >6500	<100 – >8000	<100 – >7000	<100 – >6800
Working current (mA)		1.5	1.6		

Fitting range



■ SlimTube HE
■ HE11 680

Mild to moderately-severe hearing loss, all audiometric configurations

Mild to severe hearing loss, all audiometric configurations

Housing colors



H0
Beige



P1
Sand Beige



P3
Sandalwood



P4
Chestnut



P5
Champagne



P6
Silver Gray



P7
Graphite Gray



P8
Velvet Black



T7
Alpine White

Performance levels

	Premium M90	Advanced M70	Standard M50	Essential M30
AutoSense OS™ 3.0	Premium	Advanced	Standard	Essential
Calm Situation	•	•	•	•
Speech in Noise	•	•	•	•
Comfort in Noise	•	•	•	
Music	•	•		
Speech in Loud Noise	•			
Speech in Car	•			
Comfort in Echo	•			
Media speech + mic	•	•	•	•
Media music + mic	•	•	•	•
Additional programs				
Max. additional programs	3	3	3	3
Comfort in Echo	•			
Speech in Loud Noise (manual)	•	•		
Speech in 360°	•	•		
Speech in Noise	•	•	•	•
Calm Situation	•	•	•	•
Comfort in Noise	•	•	•	•
Music	•	•	•	•
Acoustic phone	•	•	•	•
Custom program	•	•	•	•
Streaming programs				
RogerDirect + mic	•	•	•	•
PartnerMic + mic	•	•	•	•
Phone + mic	•	•	•	•

Features	Premium M90	Advanced M70	Standard M50	Essential M30
UltraZoom	Premium	Advanced	Standard	Essential
SNR-Boost	•	•	•	
DuoPhone	•	•	•	
SoundRecover2	•	•	•	•
User Preference Tuning	•	•	•	•
Real Ear Sound	•	•	•	
Fine Tuning channels	20	16	12	8
WhistleBlock	•	•	•	•
NoiseBlock	•	•	•	•
WindBlock	•	•		
EchoBlock	•			
SoundRelax	•	•		
QuickSync	•	•	•	•
Acoustically Optimized Vent	•	•	•	•
Tinnitus Balance	•	•	•	•
auto Acclimatization	•	•	•	•
Environmental balance	•	•	•	•
RogerDirect	•	•	•	•
Roger and directional setting	•	•	•	

Fitting

	Bolero M-M Bolero M-M Trial M90/M70/M50/M30	Bolero M-PR Bolero M-PR Trial M90/M70/M50/M30
Phonak Target	6.1 or higher	6.1 or higher
Noahlink Wireless	•	•

1 Rodrigues, T. and Liebe, S. (2018). Phonak AutoSense OS™ 3.0. The new and enhanced automatic operating system. Phonak Insight, retrieved from www.phonakpro.com/evidence, accessed October 17, 2018.

2 Jansen, S. and Woodward, J. (2018). Love at first sound: the new Phonak precalculation. Phonak Insight, retrieved from www.phonakpro.com/evidence, accessed October 17, 2018.

3 Stewart, E., Rakita, L. and Drexler, J. (2019). StereoZoom Part 1: The benefit of wirelessly connected narrow directionality in Phonak hearing aids for speech intelligibility. Phonak Compendium, retrieved from www.phonakpro.com/evidence, accessed February 26, 2019.

4 Winneke, A., Latzel, M. and Appleton-Huber (2018). Less listening and memory effort in noisy situations with StereoZoom, Phonak Field Study News, retrieved from www.phonakpro.com/evidence, accessed October 17, 2018.

5 Legarth, S., Latzel, M. and Rodrigues, T. (2018). Media streaming: The sound quality wearers prefer, Phonak Field Study News, retrieved from www.phonakpro.com/evidence, accessed October 17, 2018.

6 Thibodeau, L. (2014). Comparison of speech recognition with adaptive digital and FM wireless technology by listeners who use hearing aids. American Journal of Audiology, 23(2), 201–210

7 IP68 indicates that the hearing aid is water resistant and dust tight. It survived continuous immersion in 1 meter of water for 60 minutes and 8 hours in a dust chamber as per the IEC60529 standard.

8 Actual charging time depends on the remaining battery life, but it will not exceed 3 hours.

Acoustic coupling

Sound outlet	Hook	Damped (HE11 680) transparent	
	SlimTube HE	Available in left and right and five different lengths (00,0,1,2,3)	
Ear piece for SlimTube	Dome	Cap dome	one size
		Open dome	available in three sizes (S, M, L)
		Vented dome	available in three sizes (S, M, L)
		Power dome	available in three sizes (S, M, L)
	SlimTip	Acrylic	hollow
		Silicone	solid
		Titanium	hollow
Ear piece for hook	Earmold		
	Universal eartip		

Phonak Bolero M Trial™

The new Phonak Bolero M Trial hearing aids can be quickly set to any performance level to demonstrate the technology and sound quality to your patients. Use them to demo at the initial fitting appointment or to bridge the gap during repairs.

Phonak Charger BTE RIC

This charger is suitable for Bolero Marvel and Audéo™ Marvel rechargeable hearing aids. The charger features a holding space for large earmolds, slots allowing two hearing aids to be charged simultaneously, a USB-C power inlet and an indicator light.



Phonak Bolero Marvel Bluetooth® versions

Direct calls /audio streaming	Bluetooth® 4.2 wireless technology and most older Bluetooth phones
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Wireless communication portfolio

		Bolero M-M Bolero M-M Trial M90/M70/M50/M30	Bolero M-PR Bolero M-PR Trial M90/M70M50/M30
Wireless accessory	TV Connector	•	•
	Phonak PartnerMic™	•	•
	Phonak RemoteControl	•	•
Roger		•	•
App	Roger microphones	•	•
	myPhonak	•	•
	Phonak Guide	•	•
myCall-to-Text			

For more information on Bolero Marvel please visit www.phonakpro-us.com/boleromarvel
For information on Roger microphones please visit www.phonakpro-us.com/roger
For more information on Phonak apps, please visit www.phonakpro-us.com/smartapps



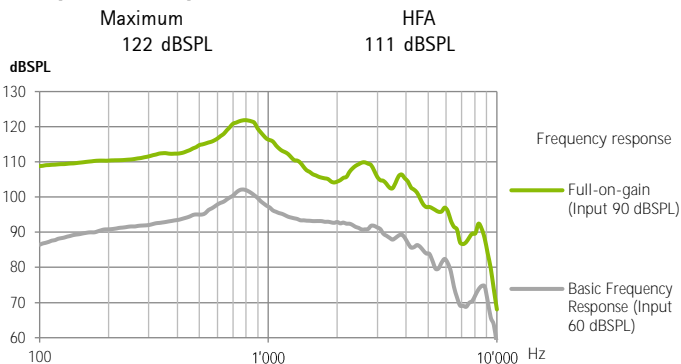
Phonak Bolero M-M (M90/M70/M50/M30)

SlimTube HE

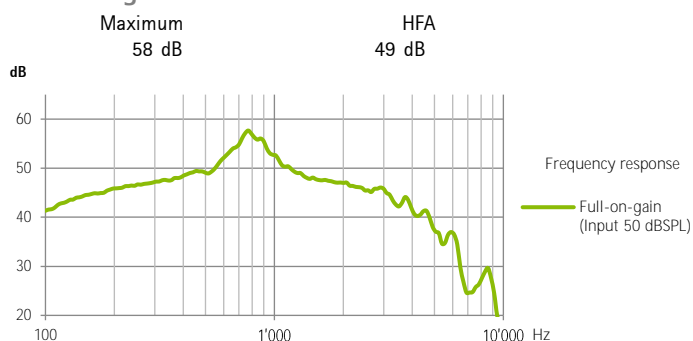
2 cm³ coupler data

ANSI / ASA S3.22-2014
IEC 60118-0 : 2015

Output sound pressure level

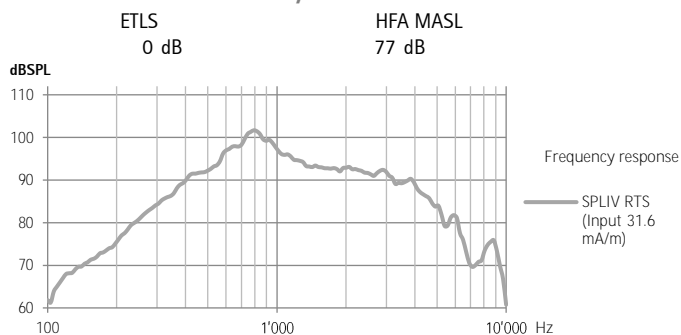


Acoustic gain



Frequency range	<100 Hz - >6500 Hz			
Total harmonic distortion	500 Hz	800 Hz	1600 Hz	3200 Hz
	1.5%	1.5%	2.0%	1.0%
Battery current	1.5 mA			
Equivalent input noise level	19 dBSPL			

Induction coil sensitivity

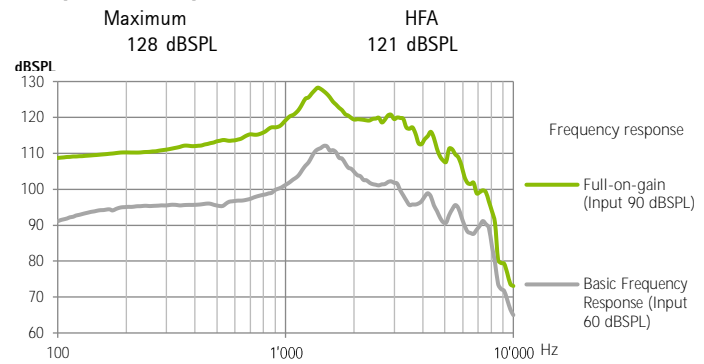


HE11 680

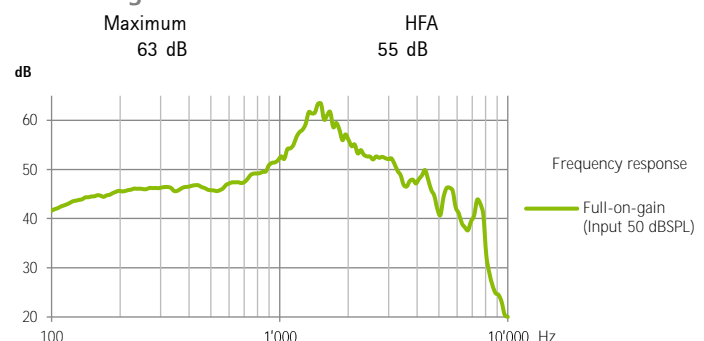
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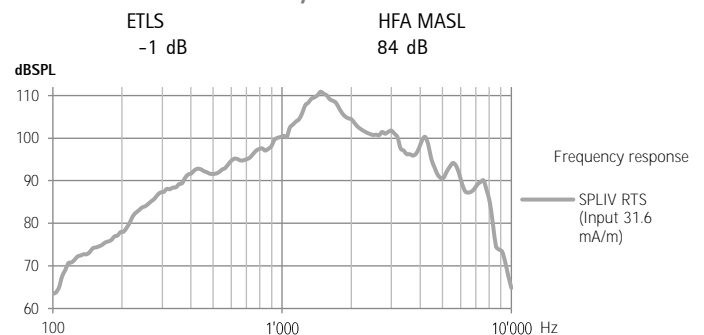


Acoustic gain



Frequency range	<100 Hz - >8000 Hz			
Total harmonic distortion	500 Hz	800 Hz	1600 Hz	3200 Hz
	5.0%	3.0%	2.0%	1.0%
Battery current	1.6 mA			
Equivalent input noise level	19 dBSPL			

Induction coil sensitivity



General test information

- Supply voltage 1.3 V / impedance 6.2 Ω.
- Specific measurement settings are used. RTS adjustment with volume control
- The device is operating in linear mode
- Low-level expansion is active
- All data obtained are measured with Phonak Target measurement settings

Warning: Changes or modifications to the hearing aid that are not explicitly approved by the manufacturer are not permitted. Such changes may damage the ear or the hearing aid