

Phonak Audéo™ Marvel



Love at first sound

For more information visit www.phonakpro.com

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PHONAK
life is on

With Phonak Audéo Marvel we introduce multifunctional hearing aids that convey a love at first sound experience

Love at first sound... each and every day!

When we say love at first sound, we don't just mean the first time your clients try Phonak Audéo Marvel, but each and every time they wear them. From the moment you first fit them with their Marvel hearing aids, they can expect a **sound quality second to none**.

This new generation of Phonak technology recognizes and automatically adapts to precisely match more listening situations than ever before.¹ With AutoSense OS™ 3.0 and Binaural VoiceStream Technology™ in all models, your clients can enjoy better speech understanding in noise and less listening effort.

Key highlights:

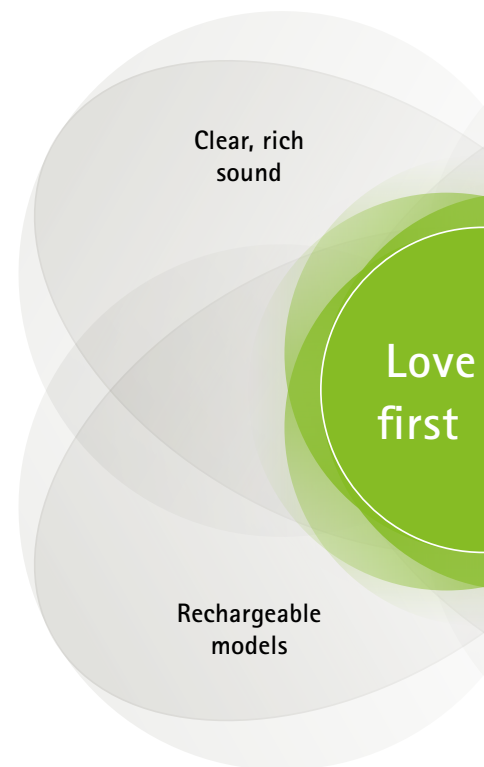
- Exceptional sound quality from the first fit²
- Better speech understanding in noise³
- Reduced listening effort in noise⁴
- Top rated streamed sound quality⁵

The power of rechargeable technology






Phonak has pioneered rechargeability in the hearing industry with the introduction of lithium-ion rechargeable batteries. Marvel hearing aids are also available with this technology, making them quick to charge and long lasting. They switch on automatically when removed from the charger and turn off when placed back in the charging case. Your clients can enjoy unlimited hearing and streaming throughout the day.

Key highlights:

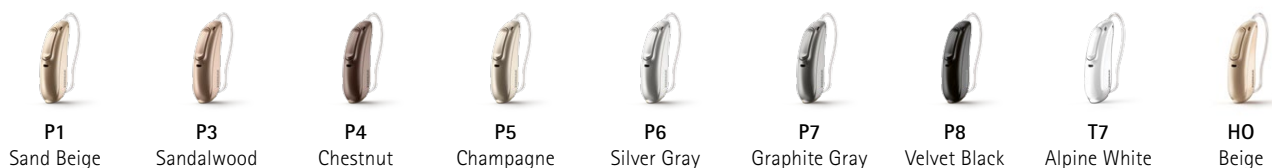
- Ease of use – no more hassles with disposable batteries
- Full day of hearing including streaming
- Super quick charging
- Battery engineered to last 6 years



Product description

						
		Audéo M-312 Audéo M-312 Trial M90/M70/M50/M30	Audéo M-312T Audéo M-312T Trial M90/M70/M50/M30	Audéo M-13T Audéo M-13T Trial M90/M70/M50/M30	Audéo M-R Audéo M-R Trial M90/M70/M50/M30	Audéo M-RT Audéo M-RT Trial M90/M70/M50/M30
Battery size		312	312	13		
Multi-function button		•	•	•	•	•
Telecoil			•	•		•
Bluetooth®		•	•	•	•	•
Nano coating		•	•	•	•	•
IP rating		IP68 ⁷	IP68 ⁷	IP68 ⁷	IP68 ⁷	IP68 ⁷
Dimensions	L x W x D	26.8 x 11.2 x 7.1 mm (1.05 x 0.44 x 0.28")	29.1 x 11.9 x 7.2 mm (1.14 x 0.46 x 0.29")	29.0 x 11.9 x 8.1 mm (1.13 x 0.47 x 0.32")	28.0 x 11.9 x 8.0 mm (1.11 x 0.47 x 0.32")	30.5 x 12.5 x 8.0 mm (1.20 x 0.49 x 0.32")
	Weight	1.1 g (0.04 oz)	1.3 g (0.04 oz)	1.4 g (0.05 oz)	2.1 g (0.07 oz)	2.3 g (0.08 oz)
Charging times ⁸	0% to 100%				3 h	3 h
	0% to 80%				1.5 h	1.5 h
	30 min. fitting				10 min.	10 min.
S Receiver						
Max. Power Output (dB SPL)	2 cc coupler	111	111	111	111	111
Max. gain (dB)	2 cc coupler	46	46	46	46	46
Frequency range (Hz)		<100 - >8000	<100 - >8000	<100 - >8000	<100 - >8000	<100 - >8000
Working current (mA)		2.2	2.2	2.2		
M Receiver						
Maximum Power Output (dB SPL)	2 cc coupler	114	114	114	114	114
Max. gain (dB)	2 cc coupler	50	50	50	50	50
Frequency range (Hz)		<100 - >8000	<100 - >8000	<100 - >8000	<100 - >8000	<100 - >8000
Working current (mA)		2.1	2.1	2.1		
P Receiver						
Maximum Power Output (dB SPL)	2 cc coupler	122	122	122	122	122
Max. gain (dB)	2 cc coupler	58	58	58	58	58
Frequency range (Hz)		<100 - 6300	<100 - 6300	<100 - 6300	<100 - 6300	<100 - 6300
Working current (mA)		2.2	2.2	2.2		
UP Receiver						
Max. Power Output (dB SPL)	2 cc coupler	130	130	130	130	130
Max. gain (dB)	2 cc coupler	67	67	67	67	67
Frequency range (Hz)		<100 - 6000	<100 - 6000	<100 - 6000	<100 - 6000	<100 - 6000
Working current (mA)		2.1	2.1	2.1		

Housing colors



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.

Performance levels

AutoSense OS™ 3.0	Premium M90	Advanced M70	Standard M50	Essential M30
Calm Situation	•	•	•	•
Speech in Noise	•	•	•	•
Comfort in Noise	•	•	•	
Music	•	•		
Speech in Loud Noise ³	•			
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	•	•		
Speech in 360°	•	•		
Speech in Noise	•	•	•	•
Calm Situation	•	•	•	•
Comfort in Noise	•	•	•	•
Music	•	•	•	•
Acoustic phone	•	•	•	•
Custom program	•	•	•	•
Streaming programs				
RogerDirect + mic	•	•	•	•
PartnerMic + mic	•	•	•	•
Phone call + mic	•	•	•	•

Features	Premium M90	Advanced M70	Standard M50	Essential M30
UltraZoom	•	•	•	•
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

	Audéo M-312 Audéo M-312 Trial M90/M70/M50/M30	Audéo M-312T Audéo M-312T Trial M90/M70/M50/M30	Audéo M-13T Audéo M-13T Trial M90/M70/M50/M30	Audéo M-R Audéo M-R Trial M90/M70/M50/M30	Audéo M-RT Audéo M-RT Trial M90/M70/M50/M30
Phonak Target	6.0 or higher	6.0.1 or higher	6.0.1 or higher	6.0 or higher	6.1 or higher
Noahlink Wireless	•	•	•	•	•
NOAHLink		•	•		
HI-PRO, HI-PRO2		•	•		

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 17th, 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 17th, 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 <http://www.phonakpro.com/evidence> www.phonakpro.com/evidence, accessed February 26th, 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 17th, 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 17th, 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

Acoustic coupling

	S Receiver	M Receiver	P Receiver	UP Receiver
Length				
Available in four different lengths (0, 1, 2, 3), left and right	•	•	•	•
Dome				
Cap dome	•	•	•	
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*				
Acryl	•	•	•	
Silicone	•	•	•	
Titanium	•	•	•	
cShell				
Acryl	•	•	•	•
Titanium	•	•	•	•
Fitting ranges				
	<p>Mild to moderately-severe hearing loss.</p>	<p>Mild to severe hearing loss.</p>	<p>Mild to severe hearing loss.</p>	<p>Moderate to profound hearing loss.</p>

Phonak Audéo M Trial™

The new Phonak Audéo M Trial hearing aids can be quickly set to the required performance level in order to suit your recommendation. This provides you the ability to fit your client with the optimal hearing solution already at the first appointment or to provide a replacement when the client's hearing aid is in repair.

*Available with extra canal length option

Charging options



Phonak Charger Case Combi with Power Pack option

The Phonak Charger Case Combi is a charger, drying kit and protective hard case all in one. Additionally, it includes a cleaning tool in the robust and splash-proof housing. The Phonak Power Pack can be easily attached to the bottom of the Phonak Charger Case Combi.



Phonak Mini Charger Case

The Phonak Mini Charger Case, with standard USB-C charging outlet, is a compact charger for two Audéo M-R or Audéo M-RT hearing aids.



Phonak Charger BTE RIC

This charger is suitable for all rechargeable Marvel BTE and RIC hearing aids. It features a holding space for large earmolds, a USB-C charging inlet and an indicator light.

Phonak Audéo Marvel Bluetooth® versions

Direct calls/audio streaming

Bluetooth® 4.2 wireless technology and most older Bluetooth phones

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Wireless communication portfolio

	Audéo M-312 Audéo M-312 Trial M90/M70/M50/M30	Audéo M312T Audéo M312T Trial M90/M70/M50/M30	Audéo M-13T Audéo M-13T Trial M90/M70/M50/M30	Audéo M-R Audéo M-R Trial M90/M70/M50/M30	Audéo M-RT Audéo M-RT Trial M90/M70/M50/M30
Wireless accessory					
TV Connector	•	•	•	•	•
Phonak PartnerMic™	•	•	•	•	•
Phonak RemoteControl	•	•	•	•	•
Roger					
Roger™ microphones	•	•	•	•	•
Apps					
myPhonak	•	•	•	•	•
Phonak Guide	•	•	•	•	•
myCall-to-Text	•	•	•	•	•

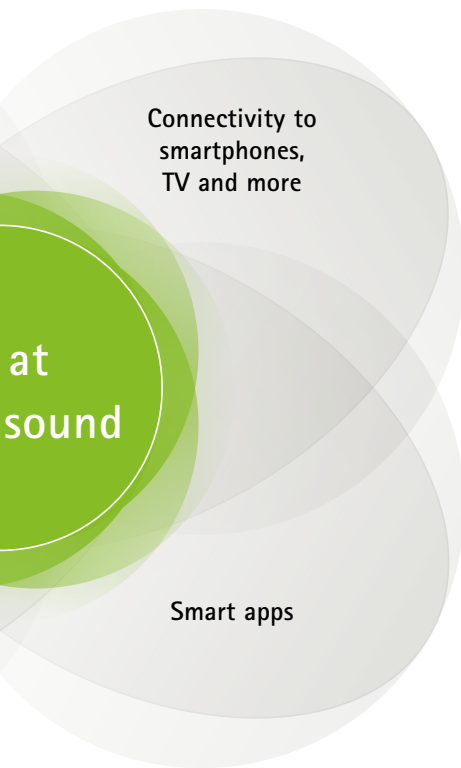
For more information on Audéo Marvel please visit www.phonakpro.com/audeomarvel

For information on Roger microphones please visit www.phonakpro.com/roger

For more information on Phonak apps please visit www.phonakpro.com/smartapps

What makes Marvel even more marvelous?

Unlike any other hearing aid available, Phonak Audéo Marvel can **connect directly to either iOS® or Android™ smartphones or other Bluetooth® enabled phones** to stream any kind of audio to both ears. Your clients can enjoy true hands-free phone calls with built-in microphones. In addition, audible phone notifications can be set to be heard through the Marvel hearing aids. Marvel also delivers stereo sound quality streaming for music, videos, e-books, podcasts and much more.



Phonak Audéo Marvel also features proprietary AirStream™ technology **for top rated sound quality streaming from any TV and stereo system.**⁵ Your clients can enjoy TV programs and movies with the TV Connector, a simple plug and play solution. It's just like using wireless headphones – except maybe even better, because Marvel hearing aids can now distinguish between streamed speech and music signals, and automatically adjust for an optimized sound quality.

Key highlights:

- Connects to smartphones – iOS and Android
- Connects to a variety of everyday electronics
- Hearing aids used like wireless stereo headphones
- Extra-long streaming time thanks to AirStream technology

Roger™ technology boosts hearing performance in noise and over distance.⁶ Phonak Audéo Marvel features RogerDirect™ which allows Roger technology to stream directly to Marvel hearing aids without having to attach an external receiver.

Key highlights:

- Marvel and Roger, the optimal solution for challenging listening situations
- Designed to improve speech understanding in noise and over distance
- Discreet and appealing solutions

Apps-olutely Marvelous!

Phonak's new digital service platform is dedicated to improve your clients' personal listening needs. Through the myPhonak app, your clients can choose to share information with you, you can customize their listening experience in real-time and with the advanced Remote Control function your clients can adjust their hearing aid settings to their individual needs.

Key highlights:

- Real-time sound adjustment and personalization
- Real-time remote video support

Phone calls can be challenging, especially with background noise. With the Phonak myCall-to-Text app your clients can hear the conversation in their Marvel hearing aids, and read in real time, what the person on the other end of the phone says. A free version of the myCall-to-Text app is available. Try it out now!

Life is on

At Phonak, we believe that hearing well is essential to living life to the fullest. For more than 70 years, we have remained true to our mission by developing pioneering hearing solutions that change people's lives to thrive socially and emotionally. Life is on.

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