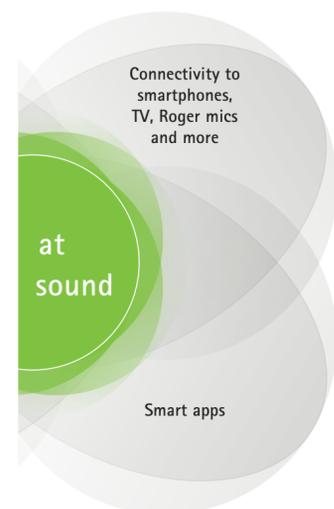## What makes Virto M-312 even more marvelous?

Phonak Virto M-312 is the world's first custom hearing aid with hands-free calls that directly streams audio content from iOS®, Android™ or other Bluetooth® enabled devices. 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.

Connectivity to smartphones, TV, Roger mics and more

at sound

Smart apps

Phonak Virto M-312 also features proprietary AirStream™ technology for streaming from any TV and stereo system. Your clients can enjoy TV programs and movies with the Phonak 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

With RogerDirect™ Phonak Virto M-312 is the one and only custom hearing aid that allows Roger technology to stream directly without an external receiver.

Key highlights:
- Designed to improve speech understanding in noise and over distance
- Discreet and appealing solutions for performance in noise and over distance
- Virto Marvel and Roger are the optimal solution for challenging listening situations

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

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.

www.phonakpro.com

Phonak Virto™ Marvel

Love at first sound

For more information visit www.phonakpro.com

PHONAK
life is on

With Phonak Virto™ Marvel we introduce multifunctional hearing aids that deliver 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 Virto 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.**

Key highlights Virto M-312:
- Exceptional sound quality from the first fit [1]
- Better speech understanding in noise [2]
- Reduced listening effort in noise [3]
- World's first custom hearing aid with classification of streamed audio signals [4]

Key highlights Virto M-NW O:
- Exceptional sound quality from the first fit [1]

Clear, rich sound

Love first

Customized

Customized

Biometric Calibration
Phonak Virto Marvel hearing aids include Biometric Calibration and are precisely calibrated to your clients' individual ear anatomy for better hearing performance. Identifying over 1600 biometric data points, it then calculates the unique calibration settings for each Virto M hearing aid. The calibration settings ensure increased accuracy and precision providing a 2 dB improvement in directionality* compared to Phonak products without Biometric Calibration. [5]

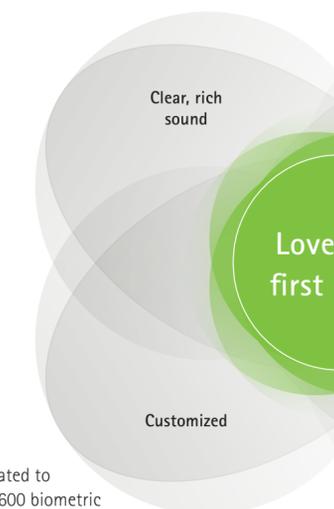**Acoustically Optimized Vent (AOV)**
Selecting the appropriate vent size is a careful balance of occlusion, feedback, audibility, and sound quality. AOV is our most popular vent option because it takes into account the size and shape of the clients' hearing aids as well as their audiometric configuration and determines what vent size will minimize feedback and occlusion and maximize hearing performance.

Virto M-Titanium with Titanium FitGuide
Titanium is renowned for its strength and durability. By 3D printing custom shells in this extraordinary material, this is the smallest Phonak custom hearing aid ever. Thanks to the Titanium FitGuide, over 50% of people get an even more discreet fitting Virto M-Titanium by an average of 2.5 mm. [6] That is the difference between discreet and super discreet.

EasyView Otoblock
Get deeper impressions with the EasyView Otoblock (EVOB). The EVOB attaches directly to a standard otoscope specula. The transparent lens at the end of the EVOB allows for full visualization of the ear canal and eardrum during insertion. On average, ear impressions are 6 mm longer with the EVOB compared to the standard impression protocol. [7]

Product description

	Virto M–Titanium M90/M70	Virto M–10 NW O M90/M70/M50/M30	Virto M–312 NW O M90/M70/M50/M30	Virto M–312 M90/M70/M50/M30
Power level				
M	•	•	•	•
P	•	•	•	•
SP	•	•	•	•
UP**				•
Hardware configuration / options / technology				
Battery size	10	10	312	312
Push button (Program / Volume)	•	•	•	•
EasyPhone (for acoustic phone)	•	•	•	•
MiniControl (for program or volume change)	•	•		
Volume control (wheel)			•	•
Telecoil	•	•	•	
Microphone technology	Omni	Omni	Omni	Directional
IP rating (without VC)	IP68#	IP68#		
Bluetooth®				•
Binaural VoiceStream Technology				•

Colors

Faceplate colors

Titanium only:
Shell color Titanium Gray & faceplate colors

| 26 Pink | 22 Cocoa | 28 Brown | 06 Black | | 26 Pink | 22 Cocoa | 06 Black |

Acrylic shell colors

| 21 Transparent | 26 Pink | 22 Cocoa | 28 Brown | 06 Black | 36 Red Transparent | 37 Blue Transparent |

Shell styles

	Virto M–Titanium	Virto M–10 NW O	Virto M–312 NW O	Virto M–312
IIC	•	•		
CIC	•	•	•	
MC		•	•	
ITC		•	•	•
HS		•	•	•
FS		•	•	•

Performance levels

	Premium M90	Advanced M70	Standard M50	Essential M30
AutoSense OS™ 3.0				
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. add. programs (M–312 NW O)	3*/5 (6)	3*/5 (6)	3*/5 (6)	3*/5 (6)
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	•	•	•	•
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

Software	Phonak Target 6.2 or higher
Interfaces	Noahlink Wireless, programming cable, HI-PRO, HI-PRO2

Acoustic coupling

		M	P	SP	UP**
Power level					
Maximum Power Output (dB SPL)	2 cc coupler	109	115	119	127
Maximum gain (dB)	2 cc coupler	40	50	60	70
Frequency range (Hz)	2 cc coupler	<100 – 7000	<100 – 6700	<100 – 7000	<100 – 5200
Working current (mA)	NW	1.0	1.0	1.0	
	Bluetooth®	2.0	2.0	2.0	2.1
Fitting range		For mild to moderate hearing loss, all audiometric configurations	For mild to moderately-severe hearing loss, all audiometric configurations	For moderate to severe hearing loss, all audiometric configurations	For moderate to profound hearing loss, all audiometric configurations

Wireless communication portfolio

	Virto M–Titanium M90/M70	Virto M–10 NW O M90/M70/M50/M30	Virto M–312 NW O M90/M70/M50/M30	Virto M–312 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 Virto Marvel please visit www.phonakpro.com/virtomarvel
For information on Roger microphones please visit www.phonakpro.com/roger
For more information on Phonak apps please visit www.phonakpro.com/smartapps

1 Jansen, S. & Woodward, J. (2018). Love at first sound: the new Phonak precalculation. Phonak Insight, retrieved from www.phonakpro.com/evidence, accessed February 19th, 2020.
2 Stewart, E., Rakita, L. & 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, February 19th, 2020.
3 Winneke, A., Latzel, M. & Appleton–Huber (2018). Less listening- and memory effort in noisy situations with StereoZoom, Phonak Field Study News, retrieved from www.phonakpro.com/evidence, accessed February 19th, 2020.
4 Rodrigues, T, & Liebe, S. (2018). AutoSense OS™ 3.0. The new & enhanced automatic operating system. Phonak Insight, retrieved from www.phonakpro.com/evidence, accessed February 19th, 2020.
5 Kleine, T., Ochsner, G., Hoffman, C., Schumacher, D., Bishop, R. (2017). Biometric Calibration: improving Biometric Calibration: improving directionality for Phonak Virto™ B. Phonak Field Study News, retrieved from www.phonakpro.com/evidence, accessed February 19th, 2020.
6 Bishop, R., Stewart, E., & Loyola, N. (2018). Titanium FitGuide – helping more than 50% of people get an even more discreet Virto B–Titanium. Phonak Field Study News, retrieved from www.phonakpro.com/evidence, accessed February 19th, 2020.
7 Schwarzlos-Sooprayen, J,K, (2017). Deeper ear impressions with EasyView Otoblock. Phonak Field Study News, retrieved from www.phonakpro.com/evidence, accessed February 19th, 2020.
8 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.

*   Only for Virto M–312
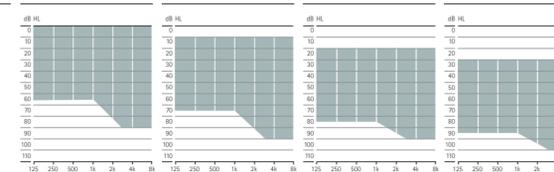** Only available in specific countries

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