

Keep in contact and out of danger,
wherever you are



Life is on

We are sensitive to the needs of everyone who depends on our knowledge, ideas and care. And by creatively challenging the limits of technology, we develop innovations that help people hear, understand and experience more of life's rich soundscapes.

Interact freely. Communicate with confidence.

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Security Collection

Professional communication for challenging environments



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Dear customer,

A leading hearing company such as Phonak has the technology and in-house expertise to offer more than systems for the hearing impaired. This is why Phonak Communications also offers unparalleled high-tech solutions for professionals who rely on flawless communication, whatever the mission.

Phonak is the only company that offers transductive covert communication systems. Transductive technology is rapidly becoming the new global standard as such systems gradually replace traditional inductive versions. Our profilo headset, for example, is a genuine breakthrough and totally immune to interference. Our boomless primero headset is another incredible piece of technology. Its smart internal engineering and unique mathematical algorithms ensure that, despite it not having the usual boom microphone, it is capable of picking up the user's speech from inside the ear canal in even the noisiest of environments. And as primero is exclusively an 'in-ear' system, it can even be worn under protective gear such as helmets and masks.

The innovations continue with our family of intelligent hearing protection products. Combining electronic level-dependent protection with seamless communication, our modular Serenity systems offer personalised performance that is simply unmatched in the market.

We hope this Collection gives you a clear and helpful overview of the systems we offer. Detailed individual brochures are available for each product line, and we're sure you will be thrilled with our systems' quality and performance.

Your Phonak Communications Team.

Covert communication



Transductive system

profilo is the first truly interference-free covert communication solution. Unlike conventional wireless earpieces, it contains a transducer with EMI (Electro Magnetic Interference) shield. As a result, profilo is completely immune to electromagnetic interference.

- Zero interference
- Extremely discreet
- Compatible with all professional radios

profilo earpiece

profilo is a proprietary ergonomic earpiece that combines transducer technology with a powerful Digital Signal Processing (DSP) chip. Highly secure, profilo is comfortable to wear and offers outstanding intelligibility, extremely low power consumption and safe audio output levels.



profilo WL kit

With this wireless profilo kit, the profilo earpiece and loop are supplied with a discreet, waterproof, keyring-format PTT with emergency button, ensuring the profilo user remains perfectly discrete. Should this wireless PTT be lost or damaged, a parallel PTT button is integrated in the junction box.

profilo LM kit

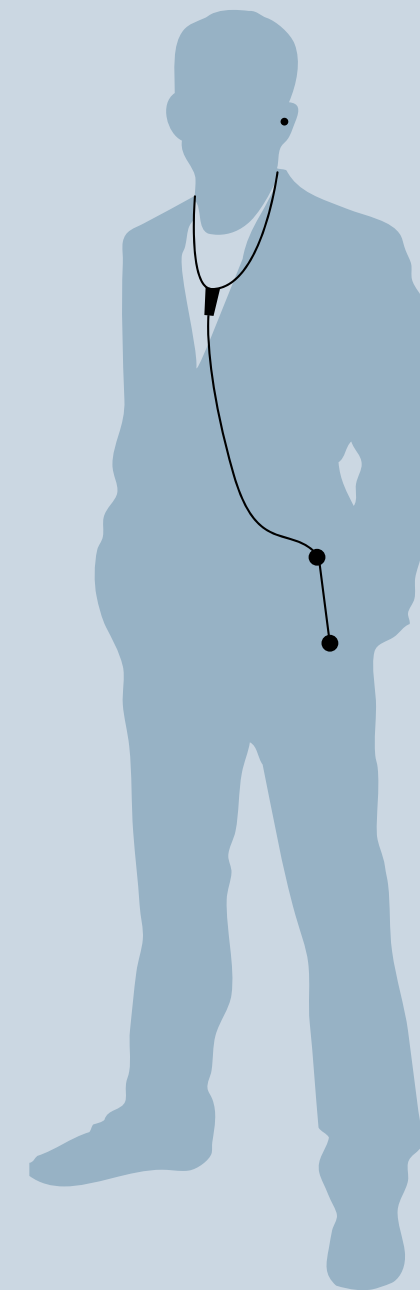
With this wired PTT kit, a light yet durable 2-key PTT is attached to the system's junction box. This PTT's largest button offers traditional PTT functionality, while the red button can be used as an emergency button.

profilo harness/covert vest

The profilo kit can be easily integrated within a single shoulder harness or full covert vest. These are also offered by Phonak and feature three components: a transductive loop, mini-mic and 2 key-PTT.

profilo car kit

The profilo car kit is an interface between a mobile radio and a transductive in-car loop.





phonito



phonito Standard



phonito Intra



phonito Digital

Phonak's phonito earpieces have become the industry's inductive standard thanks to their excellent sound performance and reliability. Choose from three models: The phonito Standard is Phonak's classic earpiece. It features automatic squelch and a noise filter, and is also available in a 'Low-Noise/High-Volume' (LN/HV) version. **phonito Intra** offers improved electronics and an anatomic design, while **phonito Digital** is Phonak's newest inductive system, featuring a digital module for crystal clear communication.



Covert communication

Inductive system

Inductive technology is the standard of choice for professionals who require high-quality systems for use during covert operations and close protection. Phonak's different phonito earpiece options, wiring kits and industry-proven reliability enable the user to easily specify the best system for his or her needs.

- Fully discreet
- Reliable
- High-quality components

Cobra kit

1-wire covert kit with wireless PTT

The Cobra kit features a single loop with an integrated noise-cancelling microphone and safety break-point. The handheld, waterproof wireless PTT is supported by a second PTT unit integrated inside the junction box. Available in black and beige.



Spyder kit LM

2-wire covert kit with wired PTT

The Spyder kit features a single loop with integrated noise-cancelling microphone, safety break point and wired 2-key PTT.



3-wire kit

Made from the highest quality materials and proven in the field thousands of times, this covert kit features a high-quality microphone and is available with different PTT buttons, allowing complete customization.



One-way communication

Phonak's invisity is the smallest in-ear RF receiver in the world. Super-comfortable and offering excellent sound quality, this popular invisible earpiece is perfectly suited to situations in which clear information is vital, and discretion and freedom of movement a must.

- Small and ergonomic shape
- Programmable
- Single or multi-frequency

invisity is available in flex and 4-channel versions:

invisity flex

This model uses a single channel. Users are able to change this invisible earpiece's frequency by contacting their Phonak dealer or using the invisity programming unit (IPU, see right). The remainder of the invisity flex's parameters are non-adjustable.

invisity 4-channel

This invisity features 4 programmable channels. The 4-channel invisity comes bundled with the invisity remote control, which allows the invisible earpiece user to flick quickly between pre-set channels. Frequencies can be reprogrammed using the IPU, plus 4-channel users can also alter the invisity's audio level and other settings.



Headsets



Boomless headset

The primero boomless in-ear headset with active noise cancellation is a complete communication solution for public safety teams that need to transmit and receive information.

- Active noise cancellation
- Fully compatible with all professional portable radios
- Compatible with helmets and gas masks

primero

The entire primero system is merged into just one single earpiece, which provides optimal intelligibility thanks to Phonak's cutting-edge audio technology. Tiny in size and comfortable to wear, primero stays in the ear and guarantees you the best sound available, even when wearing a helmet or mask. The primero system is available with a choice of wired or wireless PTT.



Boomless headset with dynamic hearing protection

primero DPC is Phonak's breakthrough boomless radio headset with dynamic hearing protection, designed for use in the very loudest environments.

- Instant attenuation of dangerous sounds
- Speech transmission in noise up to 115 dB
- Perfect localization of warning signals

primero DPC

Instead of using a cumbersome boom microphone, primero DPC employs a tiny microphone - situated within the earJack - and an innovative signal processing algorithm that picks up the user's voice from inside the ear canal. As a result, the system can operate in environments of up to 115dB (the same noise level as a very loud rock concert), while ensuring that the surrounding noise is never sent to the radio listener. Thanks to primero DPC's level-dependent attenuation, the user is only protected when sound levels are dangerous, allowing natural, directional hearing at quieter times.



PTT units



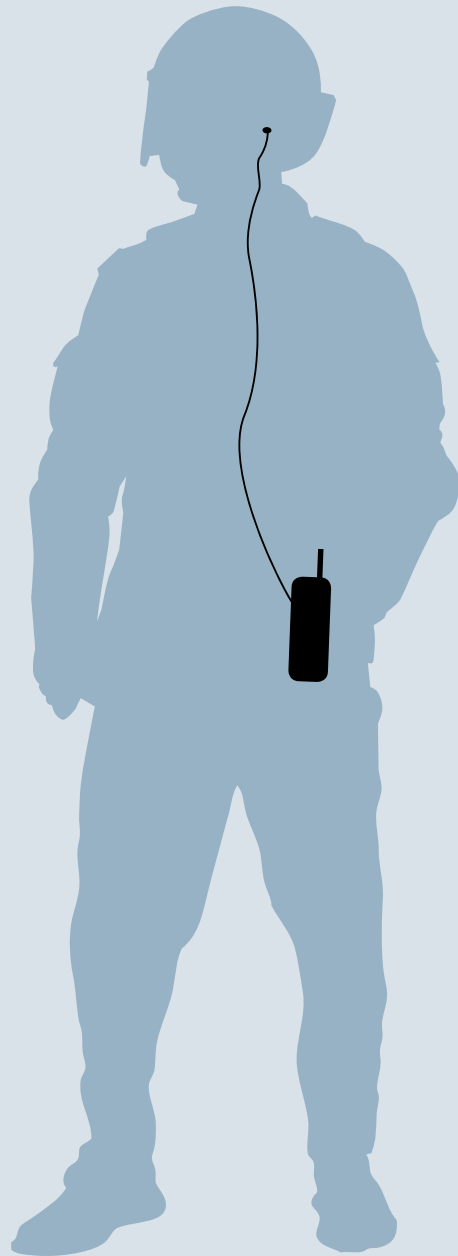
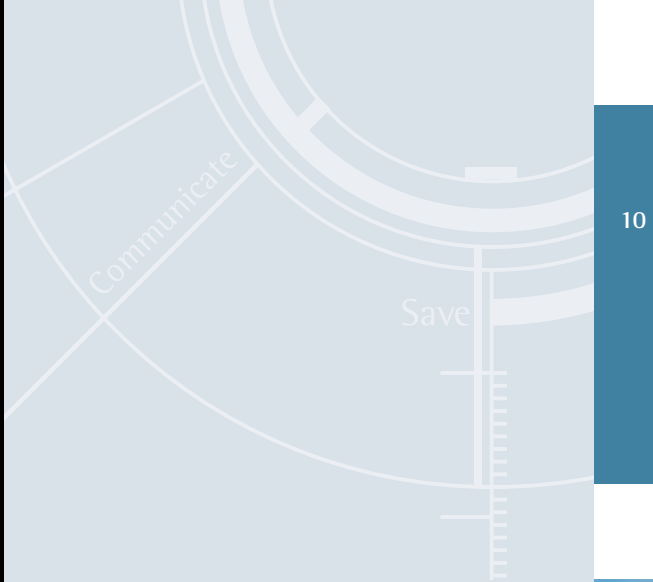
Tactical wireless PTT

- Identification mode
- Toneboard
- Mute function
- Battery status (LED)
- AAA battery



Covert wireless PTT

- Identification mode
- Toneboard
- Mute function
- Battery status (LED)
- CR 2032 3V Lithium battery



Intelligent hearing protection



Dynamic protection systems

Hearing protection should not be uncomfortable or cumbersome. Nor should it lead to over-attenuation, which can be harm a user's perception of life-saving warning signals. Phonak's intelligent, level-dependent protection systems offer not only comfort and ease of use, but provide the exact protection required by adapting their attenuation to the surrounding noise.

- Noise level-dependent hearing protection
- Clear speech transmission
- Fully modular – interchangeable ear shells for multiple users

Serenity DP

Dynamic hearing protection

Serenity DP is a dynamic hearing protection system with level-dependent attenuation. In quiet the Serenity DP's user has full ambient awareness and can communicate with colleagues without having to remove his protection. When the surrounding noise level becomes dangerously loud (above 85 dB), Serenity DP reduces this to a safe in-ear level. The system also reacts instantly to impulse noises, such as shots and smashes, before decreasing its attenuation once such dangerous noise has dissipated. Serenity DP is highly recommended for shooting training, military and law enforcement use, which does not require radio or phone communication.



Serenity DPC

Dynamic hearing protection with communication

Serenity DPC is a dynamic hearing protection system with communication. While offering the same level-dependent protection as Serenity DP, this system can also be easily connected to several types of common communication system, from mobile phones to professional portable radios, enabling the user to communicate in even the most difficult listening environments. Serenity DPC is the ideal choice for special intervention and rescue service teams, airport workers, and logistics and event staff.



eShells & generic shells

Phonak offers two different types of in-ear shell, both of which work seamlessly with our modular protection systems.

eShells

These durable and machine-washable shells are produced using clinical nylon. They are custom-molded to fit each user's ear, which ensures a perfect fit, optimum attenuation performance and long-lasting comfort. To wear a Phonak protection system featuring eShells, the user simply clicks Phonak earJacks into both eShells.

Generic shells

Phonak's generic shells can be used instantly by any user, as no custom-molding is required. To wear a system featuring generic shells, the user simply clicks Phonak earJacks into each shell. Generic shells can be replaced with eShells as and when required.



Complete full duplex encrypted wireless system



Full duplex for total communication

Condor offers full duplex communication for up to six users. These team members can talk and listen simultaneously without having to press a button; just like being in a room together. At the same time, an unlimited number of other units can listen in to the closed network, and multiple Condor groups can operate in a single area without interference.

- Full duplex 'talk and hear' functionality
- 100% mobile – no base station or licenses required
- Encrypted communications with zero interference



Digital

Communicate



Condor profilo system

profilo is the first interference-free covert communications solution. Highly discrete and comfortable to wear, this transducer-based system includes a built-in EMI (electro-magnetic interference) shield that ensures its high-frequency transmissions are completely immune to electro magnetic interference and therefore always clearly audible. profilo and Condor form a professional, ultra-discrete communication solution that works out of the box, wherever and whenever its users require it. Thanks to the mobility and flexibility of both Condor and profilo, special groups of professionals that must react quickly and travel without restrictions can simply pick up and move out, without worrying about base stations or license restrictions.



Condor Serenity DPC system

Serenity DPC offers dynamic protection with communication. It is the ideal solution for those situations in which full ambient awareness and accurate communications are essential, but also in which teams must be protected against potentially dangerous noise. Serenity DPC's dual communication and protection functionality, combined with Condor's mobility and interference-free transmissions, results in a solution that is perfectly suited to use by quick-response teams such as SWAT, rescue and emergency services groups, as well as industrial staff situated in noisy environments such as steel works and oil platforms.













Condor ComCom system

ComCom is the ultimate overt communications headset. It features an easily adjustable flex-style boom microphone and ergonomic in-ear shells for long-lasting comfort and crystal clear audio. ComCom's flexible hands-free nature, combined with Condor's free-roaming functionality, make for an effective and comfortable communications solution that suits a range of demanding user groups: from quick-response and industrial teams working in situations with normal noise levels, through to small studio and film making teams whose members need to walk and talk unrestricted.



Product compatibility

Transductive system

										
	profilo Standard / HV	profilo loop	profilo loop + mic	Minimic 6/7	Covert wireless PTT	Tactical wireless PTT	2-key PTT	Junction box	Junction box + inline PTT	Car kit box
profilo WL kit	■		■		■	■			■	
profilo LM kit	■		■		■	■	■	■		
profilo harness/covert vest	■	■		■	■	■	■	■		
profilo car kit	■									■






Inductive system

													
	phonito Standard / LN/HV	phonito Intra	phonito Digital	Single loop	Single loop + mic	Minimic 6/7	Covert wireless PTT	Tactical wireless PTT	2-key PTT	Flat PTT	Cylindrical PTT	Junction box	Junction box + inline PTT
Cobra kit	■	■	■		■		■	■	■		■		■
Spyder LM kit	■	■	■		■				■	■	■	■	
3-wire kit	■	■	■	■		■			■	■	■	■	■





Headset system

									
	primero earpiece	Ear mold + primero earpiece	PTT8	PPT2 finger-ring	2-key PTT	Tactical wireless PTT	Covert wireless PTT	Junction box + PTT	Control box + PTT
primero	■		■	■	■	■	■	■	
primero DPC		■				■	■		■








One-way communication

					
	invisibility	invisibility remote control	Programming unit	Software	USB cable
invisibility flex	■				
invisibility 4 channel	■	■	■	■	■

Condor system

				
	Condor transceiver	profilo WL kit	Serenity DPC kit	ComCom kit
Condor profilo system	■	■		
Condor Serenity DPC system	■		■	
Condor ComCom system	■			■

Intelligent hearing protection

							
	Ear mold	earJack	earJack + boom mic	Control box	Control box + PTT	Covert wireless PTT	Tactical wireless PTT
Serenity DP	■	■		■			
Serenity DPC	■	■	■		■	■	■