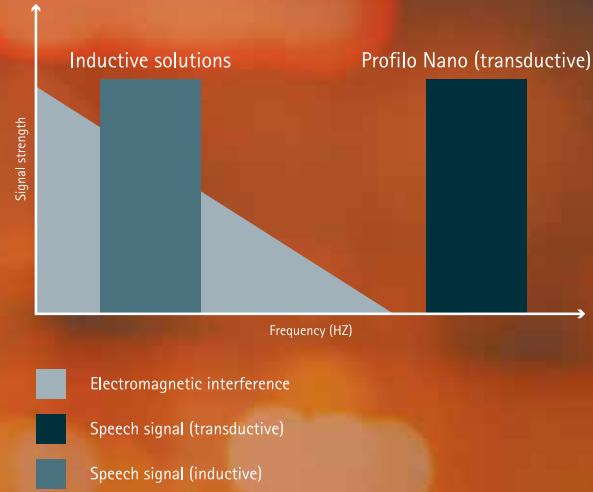


Interference-free Analog Covert System

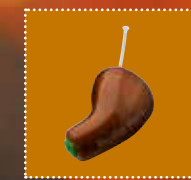
Zero interference

Contrary to conventional inductor covert systems, Profilo features an integrated EMI shield. The transducer takes the voice signal to a completely different frequency band, where electronic systems do not emit interference. Therefore, even in the presence of strong interferers, there is no humming or masking of important messages.



About us

Since 1992 we have helped professionals to communicate effectively in challenging environments. Thanks to our close collaboration with end users to develop solutions that perfectly meet their needs, our miniaturized wireless earpieces, headsets and professional hearing protection devices are used and trusted by demanding customers around the world. Based in Murten in one of Switzerland's first zero energy office buildings, our company is a member of the Sonova Group, a leading provider of innovative hearing care solutions.



Listen



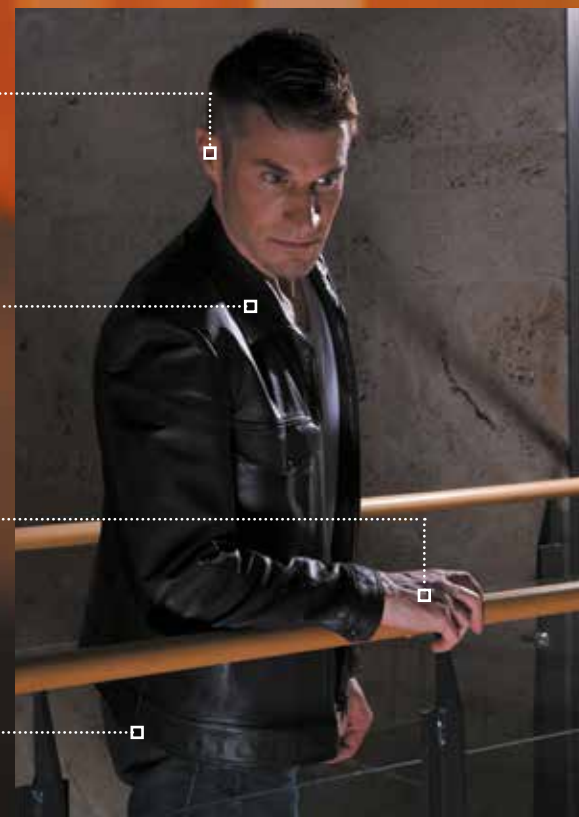
Talk



Control



Share



Analog Earpiece but without interferences

The audio crackling and white noise caused by electromagnetic interference (EMI) from alarm systems, vehicles and other electronic circuits can lead to missed commands and in turn ruined covert operations. The same is true if your earpiece is so obvious that it is spotted by the target.

Profilo is one of the smallest covert earpiece and thanks to the transductive technology is completely immune to EMI, ensuring the covert agent remains covert and never misses an incoming message.



Profilo and Profilo wirings

Almost invisible

Profilo is almost invisible in the ear canal. The main unit and remote control are small enough to disappear under clothes or in a pocket.

Perfect intelligibility

With its transductive EMI shield and Phonak's digital signal processing chip inside, Profilo's audio quality is second to none for an analog system.

Built to last

Profilo's loop is seriously strong, incorporating a reduced-size microphone box and dual quick-release safety connectors.

Trusted

Phonak earpieces are the result of several decades' worth of hearing research and experience. This is why thousands of covert agents around the world trust a Phonak in their ear.

Earpiece / technical specifications	Profilo beige	Profilo brown
Length / width / weight	16.4 mm / 9.7–10.9 mm / 1.3 g (inc. battery)	
Interference blocker	Transductive AM modulation	
Type of receiver	Analog with digital signal processing	
Max. sound pressure level (automatically limited)	100 dB(A) SPL*	
Frequency response	200 Hz – 5000 Hz	
Background noise filter (when no audio signal)	Soft Squelch	
Battery type / average life span	Zn-Air, A10 / 80 h	
Battery end of life warning	3 x 2 beeps	
Storage temp. range	-20°C to +60°C	
Operating temp. range	-10°C to +60°C	

* Output level fulfills EU directive and regulation EN 55332 Part 1b2.

Neckloop / technical specifications	Profilo WL-kit AC	Profilo LM-kit AC
Available lengths	65 cm / 75 cm (inc. 2 safety connectors)	
Available neckloop as spare parts	50 / 60 / 70 cm	
Supply voltage	external power requested (3.3V – 10V DC)	
Power consumption	max. 50mA	

Microphone (integrated in neckloop)	
Type	Omni directional electret
Frequency response	101 Hz – 10 kHz
Sensitivity @ 1kHz (dB re 1V / 1PA)	-34.0 +/- 3 dB



Wiring Kits

Profilo WL-kit AC

- Transductive neckloop with integrated microphone
- In-line PTT on junction box
- Wireless PTT (sync, mute, tone board, volume control, battery check)

Profilo WL-kit AC 3.5mm

Same as Profilo WL-Kit AC, in addition:

- 3.5mm stereo audio socket for connecting stereo headphones

Profilo WL-Kit DM 3.5mm

Sames as Profilo WL-Kit AC 3.5mm, in addition:

- Build-in Roger reception module to receive audio from Roger CarKit C

Profilo LM-kit AC

- Transductive neckloop with integrated microphone
- Wired 2-key PTT

Configuration

All Profilo wiring kits are available with a wide choice of radio connectors.

All transductive neckloops include 2 quick-release safety connectors and are available in several lengths and colors.

