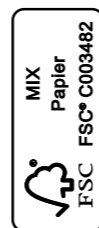




### Life is on

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.

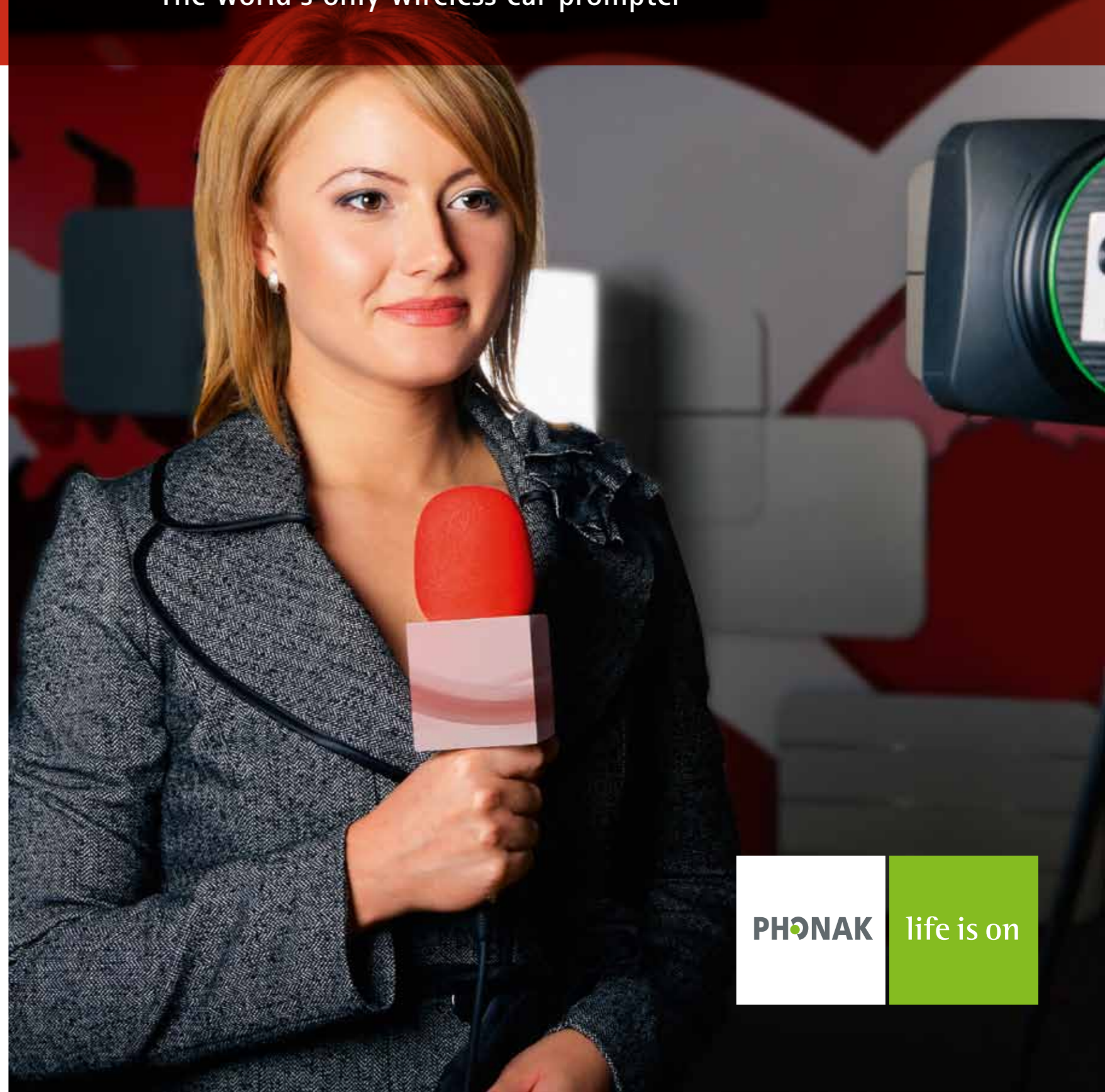


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# invisity

## The world's only wireless ear prompter



PHONAK

life is on

# no belt pack no wires, no loop invisible earpiece pure understanding



On stage



Directing



Reporting



Live studio



Conferences and keynotes

## On air, not on your own

Presenting in front of the camera or performing on stage can be an unforgiving experience – if your memory fails then real time suddenly becomes real tough. That's why you need a net, ideally an invisible one. invisity by Phonak is just that net, providing an invaluable word directly in your ear, clearly and discretely. In short, it's your invisible assurance.



invisity is used by numerous TV stations and networks across the globe. These include:

- TV Globo, Brazil
- Russia Today, RU
- CNN, US
- Al Jazeera, Qatar
- CNN, USA
- Disney, USA
- STB, Ukraine
- ARD, Germany
- NRK, Norway
- RAI, Italy
- BBC, UK
- Televisa, Mexico
- NOS, Netherlands
- DK, Denmark
- Canal+, France
- RSI, Switzerland
- RTBF, Belgium
- France 24, France
- Antena 3, Spain
- CCTV, China
- MTV, Finland

invisity by Phonak is the smallest in-ear RF receiver in the world

invisity is a miniature earpiece that sits invisibly inside the ear canal and weighs just 1.5g. The perfect choice for presenters and performers who require crystal clear audio prompts, it offers total freedom of movement and is ergonomically designed for day-long wearer comfort.

### Wireless

100% wireless – no cables or belt pack required.

### invisible

No wires around the ear or neck, making invisity completely invisible to audiences.

### Speech clarity

invisity outputs only crystal-clear, highly intelligible speech sounds.

### Numerous parallel channels

invisity's channel frequency is reprogrammable meaning several presenters can use their earpieces without risk of interference.

### Transmitter flexibility

Use invisity with a Phonak transmitter (i.e. TX-300V or inspiro) or your existing non-Phonak technology.

### One transmitter, many receivers

One transmitter can be used with an unlimited number of invisity receivers.

## invisity earpieces & accessories

Two different invisity earpieces are available to suit users who require either one or more programmable frequencies.

When only one frequency is required, invisity Flex is the perfect choice. Simply order your earpiece, set by Phonak to the frequency range you require, and go to work. (The earpiece's exact frequency can be reprogrammed by your Phonak dealer or via the invisity IPU.)

For extended use, invisity 4-Channel allows you to quickly and easily flick between preprogrammed frequencies using the supplied remote control.



*"invisity is much easier to use than induction equipment. There's less hardware involved, and I like the idea of being able to tune my wireless earpieces to different frequencies. It's simply a great receiver in a small size."*

Arthur Rochester of DigiTrax® Sound

### invisity Flex

- Single frequency\*
- 2 volume settings (max. 108 dB)\*

### invisity 4-Channel

- 4 frequencies\*
- 2 volume settings (max. 108 dB)\*
- Wireless remote control included (for switching between frequencies)

### invisity Programming Unit (IPU)

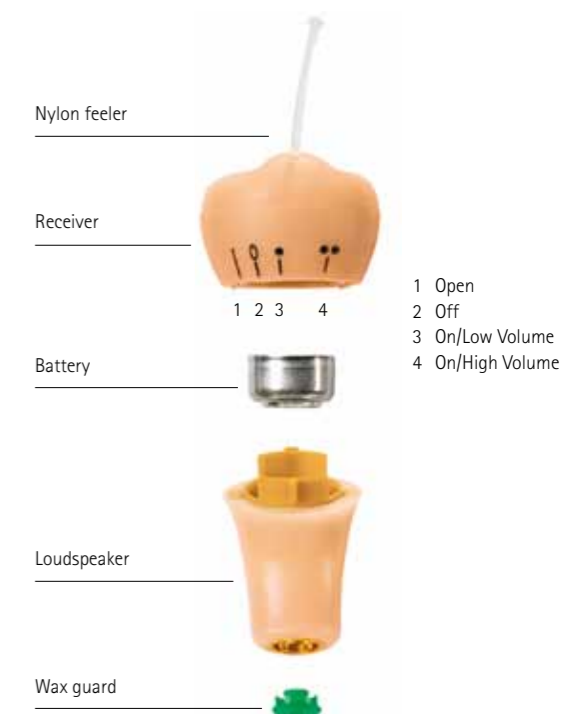
- Reprogram invisity frequencies and the invisity remote control
- Read and edit service data
- USB cable supplied
- Runs on Windows PC operating system.

\* Reprogrammable via IPU or your invisity dealer.

	4-Channel	Flex
Reprogrammable device data	•	•
Reprogrammable frequencies	• (4)	• (1)
Reprogrammable volume	•	•
Wireless remote control included	•	-
Frequency scan function	•	-
Frequency synchronization	•	-

### Technical specifications

Receiver	narrow-band RF receiver
Channels	single or 4-channel
Frequency	6-7 MHz frequency bandwidth Total available frequency range: 158 MHz-220 MHz
Frequency response	~200 Hz - ~4500 Hz
Audio signal output	98 dB SPL measured in a 1.3 cc ear simulator (Volume 1 default setting) 106 dB SPL measured in a 1.3 cc ear simulator (Volume 2 default setting) Volume reprogrammable via IPU
Noise filter	squelch
Sensitivity	SINAD ≥ 17 dB @ E=3 mV/m
Channel selectivity	≥ 50 dB (200 kHz channel spacing)
Antenna	magnetic, integral
Spurious emissions	below -57 dBm ERP
Distortion	≤ 5% (depends on volume setting)
Required transmitter frequency deviation	max. 5 KHz (NBFM)
Dimensions	19 x 12 x 12 mm
Weight	1.5 g (inc. battery)
Conformity	CE/EMC/ETSI
Battery type	Phonak A10 Zinc Air
Battery life	13 h (constant reception)
Power consumption	3.3 mA
SNR (signal over noise ratio)	aprox. 41 dB in the AGC @ 1 kHz



### Phonak – the hearing specialists

Phonak Communications AG is a subsidiary of the Sonova Group (previously Phonak), which has over 60 years of hearing industry experience and is now the world's leading hearing healthcare company. At Phonak Communications AG we have taken that knowledge of advanced hearing aid technologies and combined it with our expertise in ultra-miniaturized wireless systems to produce in-ear earpieces and headsets far superior to anything else on the market. Our satisfied customers span the globe, ranging from leading TV broadcasters and filmmakers to elite security services and sports referees.

## invisibility transmitters

Several transmitter options exist for the invisibility listen only earpiece. These include:



### TX-300V – designed for invisibility

The TX-300V is the ideal 9.5-inch transmitter for long range use with Phonak invisibility.

- Frequency range of 150–220 MHz
- Up to 20 reprogrammable channels
- Output power options: 12.5 mW, 50 mW, 100 mW, 300 mW
- Dipole antenna included (cable length 7.6 m / 25 feet)
- Optional PTT with/without VOX function
- Rack mountable (rack unit available)
- Audio output with 2 Phono connectors (unbalanced, impedance 10 ohms)

### inspiro S – multi-frequency FM transmitter

The inspiro S transmitter is a comfortable, belt-worn device designed for use over short distances:

- Frequency ranges of 169.4–176 MHz and 214–220 MHz
- Up to 32 reprogrammable channels
- Synchronizes 4-Channel
- Includes lapel mic
- Easy and intuitive user interface
- 13 h battery life
- Multi-lingual user interface
- USB connection/recharging



### EasyLink

EasyLink is a simple yet effective voice transmitter. It features:

- frequency ranges of 169.4–176 MHz and 214–220 MHz
- Up to 40 reprogrammable channels
- Synchronisation 4-Channel
- Built-in microphone
- Single Zoom microphone mode
- Audio input
- Use in the hand or hang around the neck

### Compatible third-party transmitters

invisibility is compatible with all analogue transmitters offering the corresponding frequencies.

### Working range

Range	Transmitter
15 meters	inspiro (indoors), EasyLink
30 meters	inspiro (outdoors)
250 meters	TX-300V
700 meters	Portable radio
Unlimited	SmartLink SX Et mobile phone