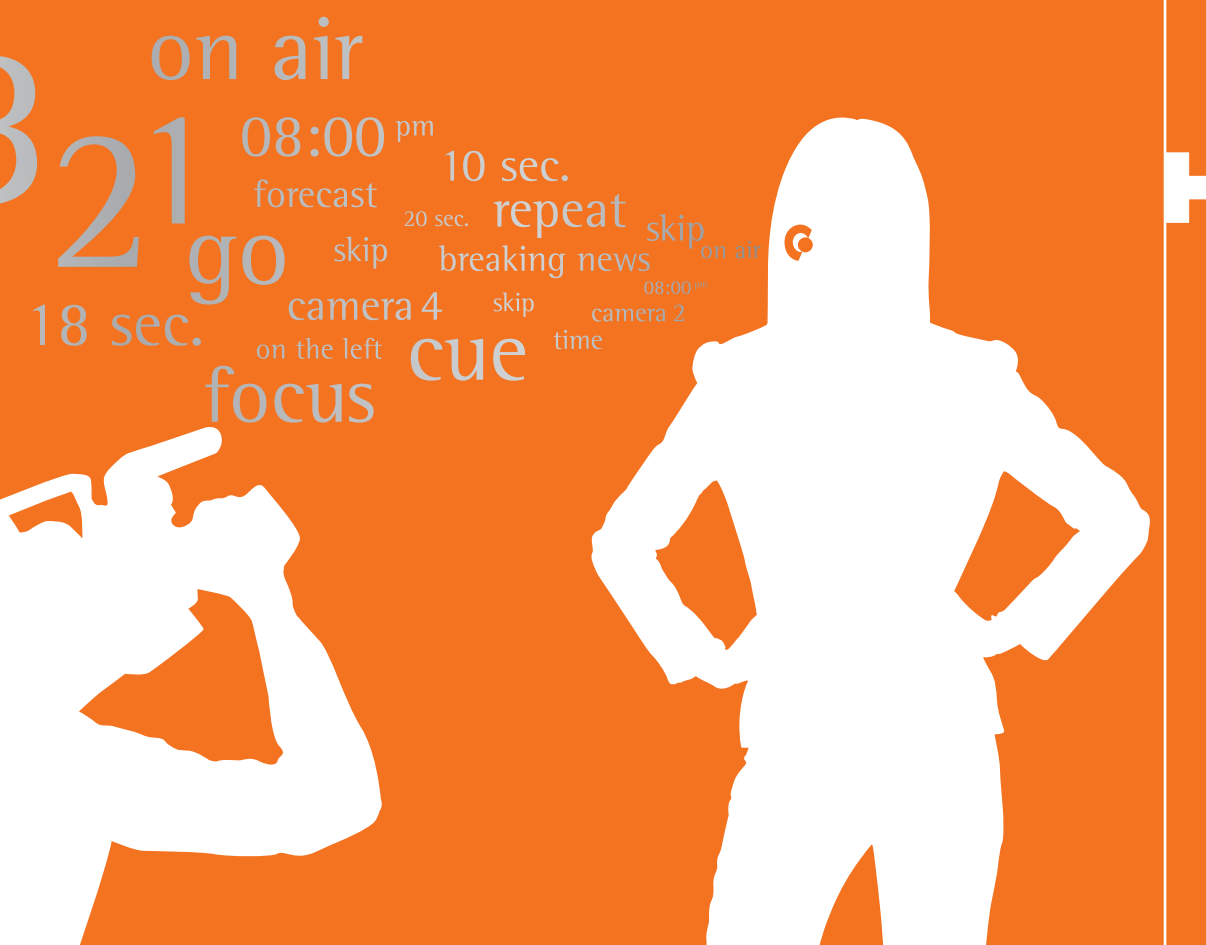


Miniaturized Swiss technology

Unlimited reprogramming

Genuinely wireless

# The world's only in-ear RF receiver



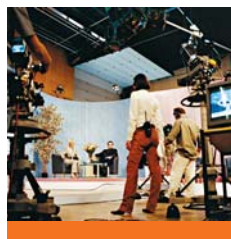
STUDIO / STAGE

# invisity, the one thing you will love forgetting in front of the camera

## Real time can be real tough

Working in front of the camera, on stage, or in the public eye – these can be unforgiving. When your memory fails you and the words won't come, real time can be real tough. And the higher the wire, the further you fall.

That's why you need a net. An invisible net. Because a word in your ear at the right moment can make all the difference between triumph and disaster – or, at least, embarrassment.



## On Air –not: on your own

Think of reporters, newsreaders, presenters, product demonstrators, actors, politicians, CEOs facing a shareholders' meeting or a press conference... Under the spotlight, the right line, the telling argument, the killing statistic, might escape them, when to a colleague behind the scenes it comes instantly to mind. At such moments, two heads really are better than one.

## Assurance is invisible




Discreet prompting allows the production process to run more smoothly and more economically; no one forgets their lines or misses their cue; information is presented with greater assurance and conviction.



## A variety of receivers and transmitters

The words spoken reach you by means of a Phonak micro TX-S transmitter, a studio transmitter, a portable phone + Phonak SmartLink Bluetooth, or a walkie-talkie. Every *invisity* covers a frequency range of 7 MHz (min. ~140 max. ~240 MHz).

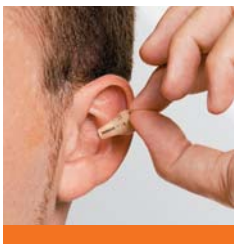
The following is a brief guide to help you select the right *invisity* model – Fix, Flex or 4 – for your requirements.

|                                  |  4 channels |  flex |  fix |
|----------------------------------|--|--|---|
| Reprogrammable «Device Data»     | •  | •  | –   |
| Reprogrammable «Frequency»       | 4 flex   | 1 flex   | no -1 fix   |
| Reprogrammable «Volume»          | •  | –  | –   |
| Wireless Remote control included | •  | –  | –   |
| Frequency scan function          | •  | –  | –   |
| Frequency synchronization        | •  | –  | –   |





- Virtually invisible
- Ergonomically designed
- Programmable
- Hand-held remote control
- 13 hours autonomy
- Working distance max. 15-250m

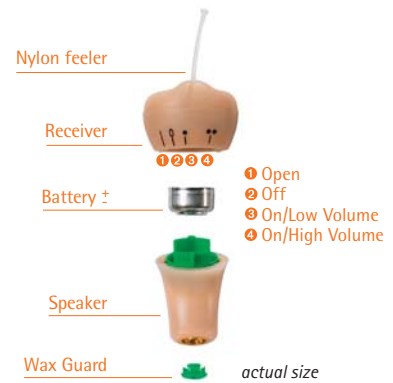
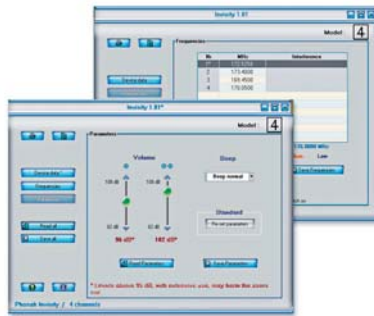


### Discretion counts

We achieve discretion through extreme miniaturization, precision manufacturing, and technology designed to minimize battery consumption. The *invisity* really is practically invisible, since it's worn inside the ear and disappears into the ear canal. Its ergonomic shape ensures not only greater comfort but also a more natural listening experience. So you can wear the *invisity* for long periods and – more importantly – without anyone noticing. In this way, mistakes are avoided, money and time saved, confidence enhanced, creativity stimulated; and the gains in efficiency come with no aesthetic price tag.

### Why work without a net?

The *invisity* is reprogrammable. That offers you security for the future, flexibility, many years of service and the ability to extend existing systems step by step. The *invisity* programming set comprises the IPU itself, software (Win) and a USB cable. With them, you can program your *invisity* and your *invisity* remote control quickly, simply and intuitively. Depending upon the model, you can read and edit frequencies, volumes, names, serial numbers or comments.



All *invisity* units are supplied with a softbox, zinc-air batteries and wax guards. Sprays and cleaning tools are available for purposes of hygiene. A wireless remote control – itself easy to hide and (naturally) free from wires – can be used to switch between channels on the *invisity 4* or scan automatically for the current frequency. All products provide feedback whenever needed on the state of the batteries. Just switch on, insert, wear and forget – for up to 13 hours of continuous use.



## If you can't see it, it's probably Phonak

Phonak Communication Systems is part of the Phonak Group which employs 3000 people all over the world. The development of *invisity* represents a quantum leap in the technology of discreet communication and has left Phonak in a position of unchallenged supremacy founded on its pioneering role in wireless audiology and the outstanding achievements of its development and production staff.

In broadcast production, Swiss perfection translates into greater efficiency, spontaneity and assurance.



## Technical specifications

|                                  |  |
|----------------------------------|--|
| Receiver module                  | narrow-band RF receiver  |
| Frequency                        | fixed or programmable (single or multi), frequency band of ~ 7 MHz   |
| Frequency response Hz            | ~200Hz - ~4500Hz   |
| Audio signal output              | 94 dBSPL measured in a 1.3cc ear simulator (Volume 1 default setting)<br>102 dBSPL measured in a 1.3cc ear simulator (Volume 2 default setting)<br>Or adjustable on 4 Channel device |
| Noise filter                     | sqelch   |
| Sensitivity                      | SINAD $\geq$ 17dB @ E=3mV/m  |
| Channel selectivity              | $\geq$ 50dB (at 200 kHz channel spacing)   |
| Antenna                          | magnetic, integral   |
| Spurious emissions               | below -57dBm ERP   |
| Distortion                       | $\leq$ 5% (depends on the volume setting)  |
| Dimensions                       | 19mm x 12 x 12   |
| Weight                           | 1.535g (with battery)  |
| Conformity                       | CE/EMC/ETSI  |
| Battery life with Phonak battery | operational real time 13 h (constant reception)  |
| Current consumption              | 3.3mA  |
| SNR (signal over noise ratio)    | approx. 41dB in the AGC @ 1kHz   |

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