Wireless Ear

‘Wireless Ear’ for discreet use

Half duplex communication system

In some situations and for special operations it maybe absolutely necessary to communicate discreetly. For example: special divisions at police services, security, broadcast, bodyguards, stewards at football matches, etc.

For these situations Variphone provides a special device called ‘Wireless Ear’ which allows you the opportunity to communicate discreetly.

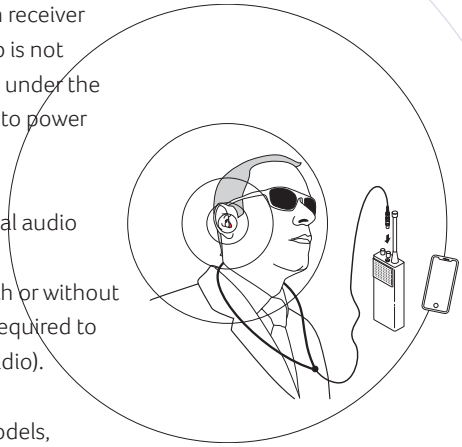
For more information visit variphone.com

VARIPHONE

Safe and sound hearing

Wireless Ear

The working principle of these 'Wireless Ears' is based on induction. The audio signals are sent through an induction loop and picked up by the induction receiver integrated in the ear piece. The induction loop is not visible worn around the neck and can be worn under the clothes. Each earpiece also contains a battery to power the built-in amplifier.



The induction loop can be connected to several audio sources,
2-way radio,wireless phone, mobile phone with or without a discreet microphone (note: a PTT button is required to use the device in combination with a 2-way radio).

This 'Wireless Ear' is available in 2 different models, standard or miniature. Both models are custom made, based on your ear impressions. Optional you can chose a wireless ear with integrated volume control or integrated squelch (auto-shut down when no signal is present).

Process

"Wireless ears" are produced from an ear impression. This impression is made into an individual communication ear piece with built-in electronics in our in-house laboratory (left or right, as preferred).

Specifications

FREQUENCY RANGE
- 300 – 5000 Hz ACCORDING IEC118-1

DISTORTION
- LESS THAN 3 %

SENSITIVITY
- 78 dB AT 2 kHz

DRIVER
- MAGNETIC, BALANCED

AMPLIFIER
- HYBRID

MAXIMUM OUTPUT
- 105 dB (DEPENDING ON THE AUDIO SOURCES AND INDUCTION LOOP)

BATTERY
- 1.4 V DC (TYPE A10)

MINIMUM VOLTAGE
- 1.1 V

TYPICAL BATTERY LIFE
- > 80 HOURS, DEPENDING ON USE

WEIGHT
- 3 g

OPERATING TEMPERATURE RANGE
- -10 °C TO +40 °C

ACCESORIES
- FLIGHTCASE
- CLEANING SET
- BACK-UP BATTERIES

CHARACTERISTICS
- SAFE COMMUNICATION
- PERFECT FIT
- DIFFERENT APPLICATIONS
- EASE OF USE

APPROVALS
- CE: 89/336/EWG COMPATIBLE

Authorised distributor

VARIPHONE

Safe and sound hearing

Variphone International
Deusterstraat 72 | 3990 Peer (B)
+32 (0)11 – 66 81 20

Variphone Nederland
Netwerk 11 | 1446 XB Purmerend (NL)
+31 (0)299 – 40 44 49

variphone.com
contact@variphone.com
variphone

Accredited
Service Provider
HearingCoach