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* Further information about USB-PTT: www.imtradex.com



Professional headsets for police, fire service and dispatch places

Emergency services and rescue services are repeatedly confronted with particularly critical and challenging situations. Whether in the context of security or while providing assistance at accident or disaster sites, human lives are often at stake. This renders it especially important that the communication equipment used keeps pace with the challenges faced by the emergency and rescue services. Efficient, smooth, and uninterrupted communication is the alpha and omega in this context.

Imtradex specialises in critical communication systems. It has developed special headsets, handheld microphones and other solutions for emergency and rescue services, which are able to meet the special challenges associated with critical operations of police forces, security agencies, fire services, and other emergency and rescue services.

Ergonomic, flexible and durable, our communication products can be customized to meet the specific needs of their users. Designed to be used with digital and analogue radio, and compatible with a wide range of devices, all of our products are available with the connectors required for each case.

Choose Imtradex to provide the reliable communication interface between man and machine at your organisation. Simply let us know what type of communication equipment you need, or what conditions it has to meet. We would be happy to offer you an appropriate selection from our portfolio or have our development department present a tailor-made solution to you.

With kind regards,
Your Imtradex Team

Aurelis handheld microphone

Handheld microphone of the latest generation

The innovative, ultra-light (180 g) handheld microphones feature a PTT button and a speaker microphone. Additional features include an emergency button, a three-level volume control and/or a two-colour LED, depending on the model. They also have a connection for external audio accessories and a robust splash-proof plastic housing.

Depending on the digital radio used, they can offer up to six integrated programmable data applications. Particularly interesting for use in police and rescue services is the newly developed Aurelis USB. The USB interface makes the handheld microphone independent from the operating system and ensures simple integration into the existing control system.





USB
PTT



Aurelis Base (standard specifications)

- handheld microphone for different communication requirements
- robust splash-proof housing
- emergency button
- 3-level volume control
- 3.5 mm jack for external audio equipment
- 360° rotating clothing clip or vehicle mounting kit



Aurelis Nexus-PTT

Additional features:

- Nexus jack is compatible with all Imtradex audio equipment
- compatible with TETRA radios (Sepura STP80xx and Motorola MTP850 FuG), other equipment on request
- extra large PTT send button



Aurelis AudioDat

Additional features:

- available with up to 6 programmable soft keys, depending on the mobile radio



Aurelis AudioDis

Additional features:

- LCD display (2 x 8 digits)
- two programmable function keys



Aurelis USB

Additional features:

- USB interface – for more independence
- Plug & Play function

Aurelis Nexus-PTT

Multifunctional combinations

In terms of digital communication, security and flexibility the innovative ultra-lightweight Aurelis Nexus-PTT set new standards. It was especially designed for fire fighting. Thanks to its extra large PTT, with a short sensing path and precisely defined pressure point, the operation while wearing working gloves is possible.

The user can also be flexible in their choice of radio and headset: All Aurelis handheld microphones can be combined, not least with many headsets, for example with the monaural neckband headset from the NB Series. They are convenient and safe to wear, provide maximum safe mobility and an excellent voice quality. Imtradex can also build them with the different connectors required, so they can easily be connected to different digital radios.



available with Nexus plug



NB 1600

Police Fire Service

See pages 9/17

available with Nexus plug



NB 2000

Police Fire Service

See pages 9/17

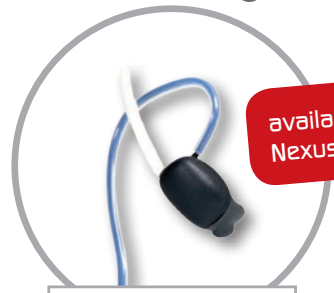
available with Nexus plug



NB 4000

Police Fire Service

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INVISIO M3s

Police

available with Nexus plug



KKM

Police Fire Service

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available with Nexus plug



VibraTalk

Police Fire Service

See pages 9/15

available with Nexus plug

Police & Security

Communication solution for any application

Police officers on duty wear different types of headgear depending on the risk level associated with the situation. In order to communicate well with colleagues, they need units that are comfortable and safe, ensure maximum flexibility and provide the best voice transmission quality. Imtradex developed the neckband headset NB 2000 specifically for operations of this kind. With it and the Aurelis Nexus handheld microphone, Imtradex is setting new standards in terms of digital communications, security and flexibility in the rescue services area.

With the NB 2000 neckband headset police officers retain their flexibility. The Open-Ear-Gain technology used in this headset enables hearing of unparalleled quality; in many headsets, the speaker is housed in a casing that surrounds the ear, but the NB 2000 introduces silicone tubing that channels sound from the speaker directly to the ear, thus taking advantage of the natural amplification of the ear canal.





NB 1600

- light, monaural neckband headset
- NC microphone (Noise-Cancelling)
- extremely robust and stable
- worn independent of helmet
- comfortable for use under a protective helmet
- suitable for noisy environments
- available with or without PTT-8 send button



NB 2000

Additional features:

- connection to the ear via the soft silicone tubing (Open-Ear-Gain)



NB 4000

Additional features:

- easily adjustable external speaker



KKM-PTT

- throat microphone
- enables communication in very noisy environments
- worn independent of helmet
- suitable for use with respiratory mask
- PTT-8 send button



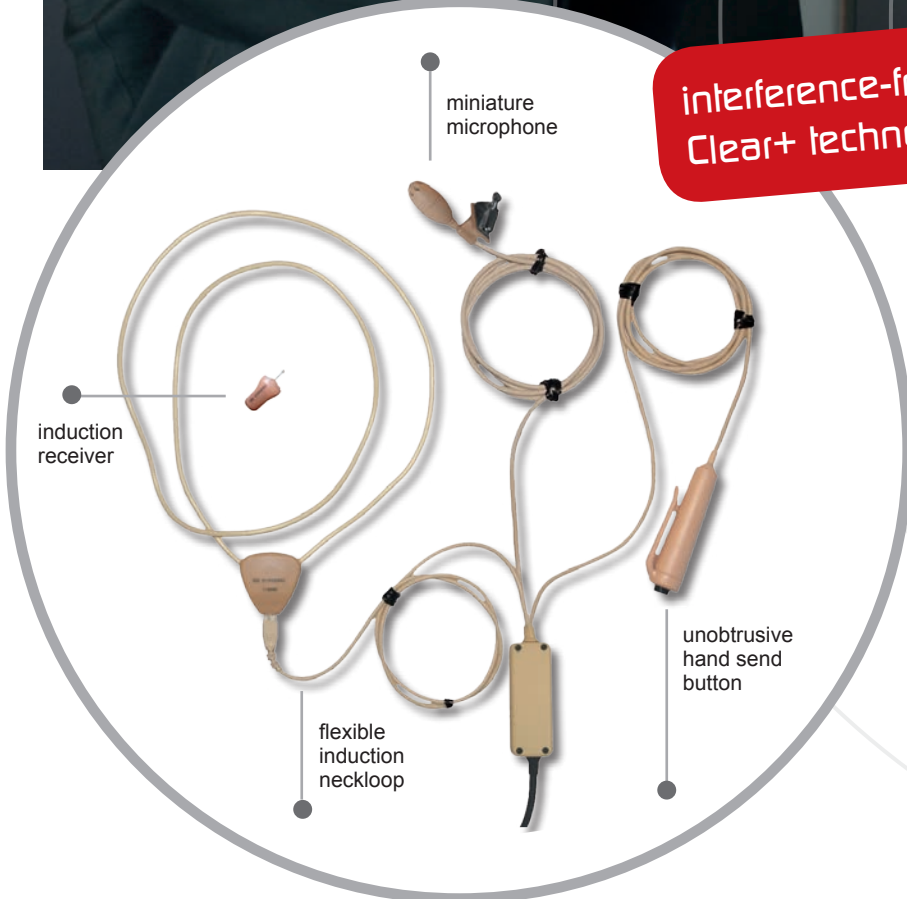
VibraTalk

- skull microphone for use under helmet
- can be attached to different helmets
- enables communication in very noisy environments
- for use with analogue or digital radios
- use with respiratory mask possible

OnGuard Series



**interference-free
Clear+ technology**



miniature microphone

induction receiver

flexible induction neckloop

unobtrusive hand send button

Imtradex has developed a wide range of products for discreet communication especially designed to meet the needs of the private and public security services.

OnGuard products act as an interface between users and mobile phones and establish discreet communication between colleagues or fellow officers during an operation with the press of a button.



POC-Push over Cellular



OnGuard I-Flex

- for semi-covert operations
- featuring transparent coiled tube
- send button with integrated microphone which can be held in the hand or attached discreetly to a lapel
- send button connected to the set via PUR-coated helix cable, providing freedom of movement at all times
- with BINDER plug connector allowing connection with different types of earphones
- can be connected to most analogue and digital radios

Ear 69



Ear 70



OnGuard II

- induction product for analogue and digital mobile radios
- for covert operations
- consists of induction receiver RS8, PTT-17 send button with integrated electrets microphone, and a neckloop



Induction receiver RS8
Full-scale 5 mm



OnGuard IV

- flexible induction coil
- compatible with all current induction receivers
- integrated, highly-sensitive microphone
- worn on the shoulder
- extremely flat and suitable for right and left side use
- discreet hand send button



OnGuard Clear+

- concealed product for digital and absolutely interference-free communication
- capable of switching from classical induction application to interference-free Clear+ technology (use of conventional induction receivers possible)
- suitable for analogue and digital radio devices (wireless when used with Imtradex BlueTalk)
- suppression of electromagnetic interference radiation (e.g. by automobile ignition, under power lines or in subway stations)
- incl. miniature microphone for discreet use on lapel
- flexible neckloop for covert operations
- beige hand send button for discreet use, wireless PTT send button optional
- available in different versions – e.g. only as neckloop



Induction receiver CL8
Full-scale 5 mm

OnGuard BlueTalk Clear+

Communication for concealed investigation

Imtradex's OnGuard BlueTalk Clear+ is designed for police, security services and investigators and can be worn concealed. It features a wireless connection to a mobile phone carried by the investigator. Thanks to its wireless send button, calls can be accepted, initiated or terminated over a period of many hours – thanks to

integrated LiPo batteries. Combined with a neckloop, an MP3 headset or a professional neckband headset, Imtradex guarantees excellent performance – for challenging operations.





OnGuard BlueTalk Clear+

- Bluetooth function: wireless connection between hear/speech system and mobile phone
- covert or semi-covert use
- induction
- can be operated with different send buttons, microphones and earpieces/headsets
- optional external wireless PTT
- integrated LiPo battery for long operation life

NEW

operation mode	receive/ transmit share	standby share	battery life
talk/hear operation	100%	0%	6 hours
sequencing mode	10%	90%	> 16 hours
sequencing mode	20%	80%	13 hours 30 minutes
sequencing mode	50%	50%	9 hours 15 minutes