



CT-CombiCom System

Multipurpose Communication System for Police, Fire brigades and Military



- Modular plugable system
- Adaptable ideally to all operational conditions
- Lightweight
- Excellent speech quality
- Sturdy design
- Water and dust protection
- Very comfortable to wear
- Strong loudspeaker



KEEP YOUR SENSES OPEN

CT-CombiCom System



The CT-CombiCom system is a completely new system of lightweight audio-communications accessories for industry, police, fire brigades and also military forces.

The CT-CombiCom system provides users with the opportunity and the flexibility of choosing the communication equipment customized in accordance with requirements immediately before the operation – the configuration can even be changed during the operation in seconds, and without tools.

The CT-CombiCom system is a sturdy and at the same time lightweight headset system, that is specially coordinated to the requirements of police, fire brigades and rescue teams.

The system components are extremely sturdy, dust- and water-proof – made especially for use under the tough conditions experienced by fire fighters or in the navy. The design and the colors are coordinated in particular for use on helmets and other operational equipment.

The CT-CombiCom is therefore the ideal communication system.



The headset for the CT-CombiCom system can be worn either on the left or on the right side of the head and provides a high level of speech and wearing comfort (ear cushions). The system exists as a monaural and a binaural version.



With the facility for the quick change of the configuration headband/neckband/ head strap/helmet version – it is "the" universally usable communication system for "mobile operational groups".

Users continue to perceive all important ambient sounds – the headphone does not close the ear off completely.



Product description

Basic Headset

It consists of a small housing with the speaker, an extendable telescope swan-neck electret microphone and an outgoing cable unit. The speaker and the microphone can be positioned individually. Because the speaker does not completely close the ear off users can still perceive important ambient sounds.

The extremely flat construction enables the CT-CombiCom system to be used with industry or fire fighter helmets and all other hard hats. The system is also ideally suitable for wearing under all other headwear, such as ski camouflage overalls, balaclavas, paratrooper helmets and even under protective suits.

The system has a robust quick-release connector.

The CT-CombiCom system is available with connectors for all professional standard radios.

As an option the system can be equipped with CT-DNR (Digital Noise Reduction) the technology for the digital suppression of surrounding noise.

Headset fastener

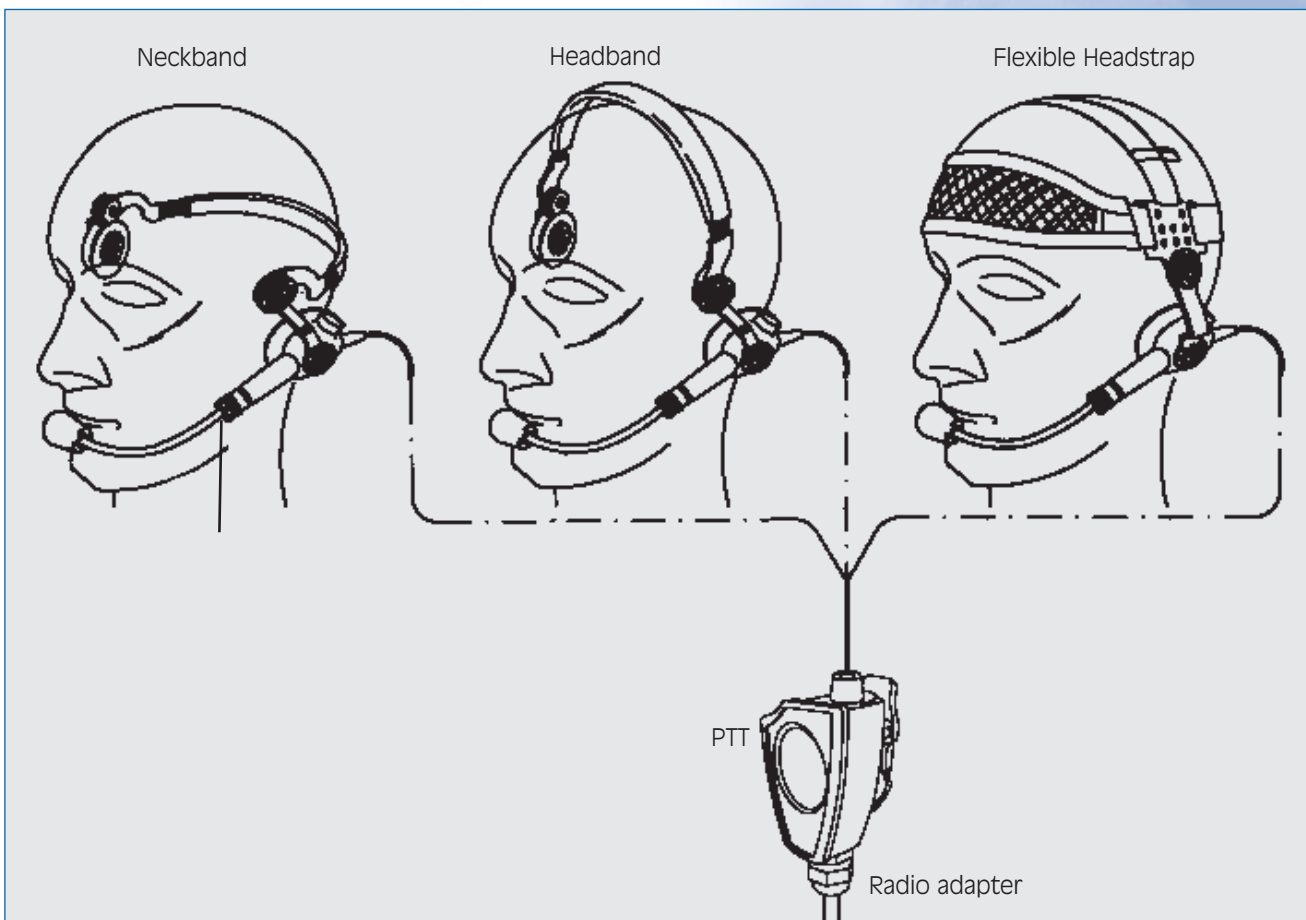
There are various ways to configure the basic headset in seconds:

Flexible headstrap:

An adjustable headstrap made of active-breathing material for easy fastening of the communication unit. The headset remains in the required position even with rapid movements.

Headband/neckband:

The adjustable headband/neckband for fastening the communication system it can be tilted backwards. This means that the headset can be used comfortably with or without all types of helmets.



CT-SuperDuty PTT (example)

The PTT (push to talk) button is completely dust- and water-protected (IP 66/IP 67 in preparation) and has a rotating clip to fasten it to clothing.

Multi-variable configurations of cables are available: the cable to the radio connector is either smooth or coiled. The complete cable system is protected from kinking with sturdy antikink sleeves. The connector to the headset has a very robust quick-release plug-in connector which is released quickly in an emergency.



Optional additional PTT's and switches

With some operations (e.g. snipers), it is practical to have a second PTT that can be activated without the user having to take a hand from the weapon after targeting. A PTT operated by a finger or the ball of the thumb can be integrated into the system in no time by means of a connector that is simply inserted in the PTT. There is no need for additional connecting parts, the system costs remain minimal.

Technical specifications:

Speaker

Model:	electromagnetic
Frequency range:	300 Hz - 5 kHz
Sensitivity:	96 dB +/- 3 dB at 1 mW
Impedance:	300 Ohm at 1 kHz
Power:	max. 100 mW

Boom microphone

Microphone type:	Electret, noise-compensating
Frequency range:	100 Hz - 10 kHz
Sensitivity:	-54 dB +/- 3 dB (at 1 kHz relative to 1 V/0.1 Pa)
Impedance:	2.5 kOhm +/- 1 kOhm
Noise suppression:	ca. 14 dB at 125 Hz
Power supply:	1.5 V to 10 V

PTT

Mechanical reliability:	approx. 2 million keyings
Use temperature:	-20° C to +55° C
Storage temperature:	-40° C to +70° C
Humidity resistance:	to 95% RH
Protection against water/dust:	IP 67/IP 66 in preparation
Weight (Headset without PTT):	100 g (nominal)

CeoTronics products are manufactured in accordance with the high quality standards for the respective operation and we therefore reserve the right to make changes based on technical progress.

Use our expertise and our service.

Just call us. We will be pleased to advise you!



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