EN

CT-Push-To-Talk

Communication Systems

CeoTronics – WHEN IT COUNTS

For more than 35 years, CeoTronics has developed and produced innovative communication systems for demanding environmental and operating conditions. We are the leading manufacturer of multifunctional operating and control units (CT-MultiPTT), mobile digital radio networks and terminals (CT-DECT) as well as high-quality communication headsets and systems for professional use.

CeoTronics communication systems, including effective hearing protection and other protective functions, are vastly superior to simple hearing protectors because users can still communicate with each other even under the most adverse conditions. Whether working in noisy or dangerous environments or wearing personal protective equipment (PPE), CeoTronics systems ensure more protection in the workplace and increased productivity and efficiency.

The CeoTronics range of services
CeoTronics offers communication systems with long-term viability and services for a wide variety of application scenarios and can also develop bespoke solutions for you. Find out for yourself. The recommendation rate according to customers surveys has been 100 % for years.

Certified and guaranteed
CeoTronics was the first company in its communications sector to be certified according to ISO 9001:2015 back in 2016. This was followed in 2018 by successful certification in accordance with the PPE Regulation (EU) 2016/425. Since 2019, CeoTronics has been certified in accordance with the current ATEX Directive 2014/34/EU.

In February 2023, the company was certified in accordance with the international ISO 14001 standard for environmental management and sustainability – as the first EU company in the industry. The certificate confirms CeoTronics forward-looking thinking and actions, its consistent focus on sustainable business practices, and its wide-ranging commitment to protecting the environment. All CeoTronics products have a 3-year warranty

*For more information, visit: www.ceotronics.com

CT-ComLink® System solutions are particularly recommended for:
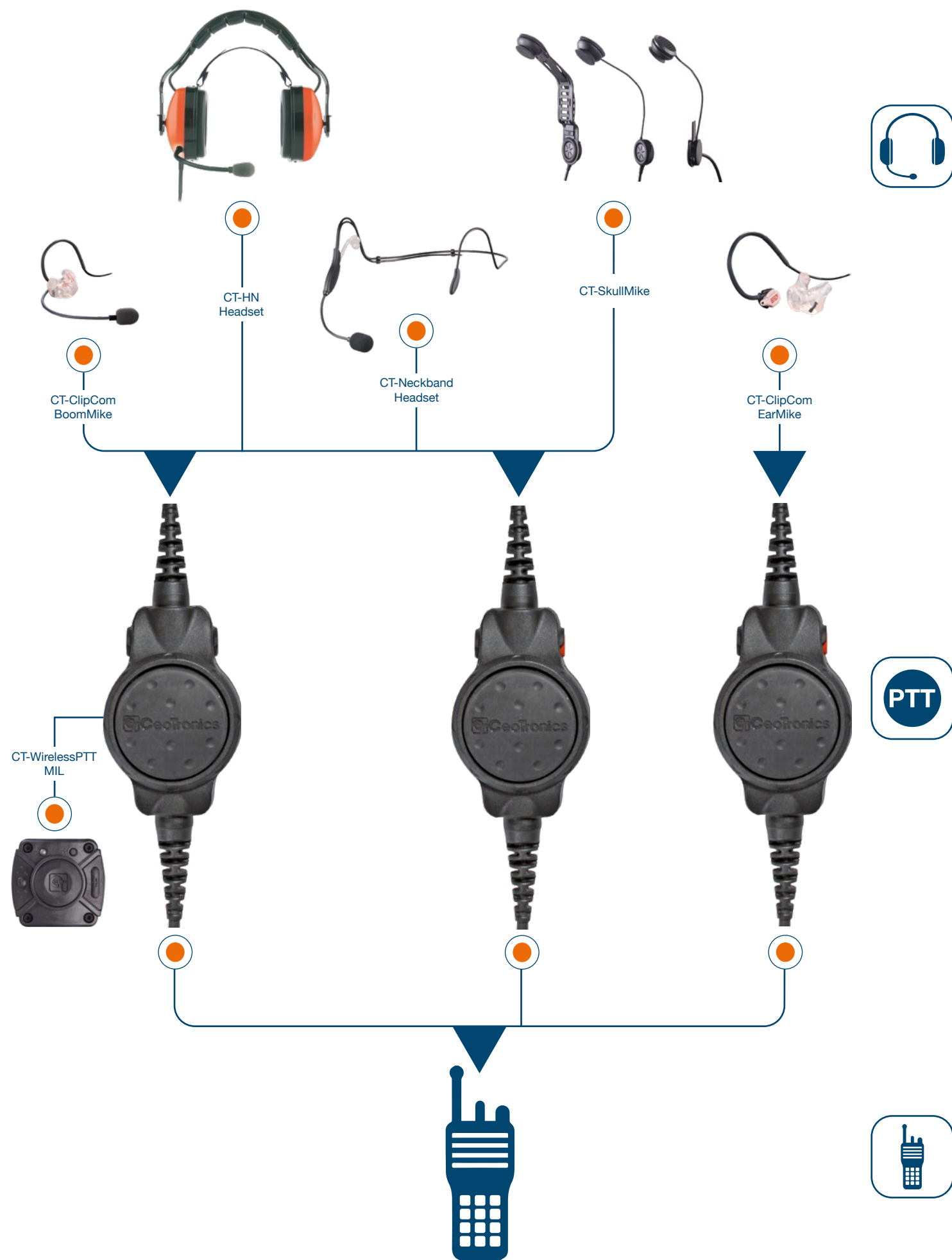
WHEN IT COUNTS

The CT-HR PTT:
HR stands for high resistant.

A PTT unit often provides the crucial connection to colleagues on duty and can save lives in critical situations. That makes it vital for the communication equipment to "keep going" even in the toughest environments and still function even if the users are moving in extreme situations.

Find out more about CeoTronics Push-To-Talk communication systems at:
www.ceotronics.com

Made in Germany

CT-HN Headset

CT-SkullMike

CT-ClipCom BoomMike

CT-Neckband Headset

CT-ClipCom EarMike

CT-WirelessPTT MIL

CeoTronics

PTT

WHEN IT COUNTS

Flame resistant according to EN 443

Second function button

360° rotation

Rotatable clip

2 x protection rings included

High protection ring

CT-HR PTT:
In conjunction with radios.

TETRAPOL   TETRA   DMR

The CT-HR PTT is available for connection to all common analogue and digital radios that operate with TETRA/TETRAPOL and DMR standards. Connection to the radio is via a direct connector or a flexible 12-PIN system.

The CT-HR PTT can be equipped with different function buttons depending on the radio being used. Versions are available with or without up to two function buttons. The emergency call function is normally implemented in conjunction with BOS digital radio.

Depending on the version, the CT-HR PTT has an autonomous volume control, which can be controlled independently of the radio.

Specific functions of the CT-HR PTT, depending on the radio
The versions for radio MTP850 FuG, STP8000/9000 and TPH700 have two additional integrated function buttons, designed as emergency call or PTT buttons. Other functions such as DMO/TMO switchover are possible, but it always depends on the radio used.

For technical reasons, additional functions are not possible in the CT-HR PTT versions for analogue radios, e.g. Motorola GP320/340.

WHEN IT COUNTS

Radio softkey

Non-verbal communication (NVC)

PTT

Emergency call with delay

Emergency call

Volume control

LED for signalling

PTT

PTT

360° rotation

Flat protection ring

Rotatable clip

! The operating buttons on the CT-HR PTT and the CT-WirelessPTT MIL have different functions depending on the configuration.

LED status display
Battery level, Pairing

Non-verbal communication (NVC)

Volume control -

Volume control +/-

Volume control +

PTT

Single / Double holder wrist strap

CT-HR PTT:
Flame-resistant. Waterproof. Dustproof.

With the CT-HR PTT, CeoTronics has developed a sturdy inline PTT that can withstand external influences during professional use. The inline PTT housing is made from glass-fibre-reinforced, shock-resistant material. The large PTT has mechanical overload protection and is designed for extreme durability. The PTT comes with two different protection rings to enable individual configuration. The flat protection ring allows tactile button contact, e.g. with the lower arm, while the high version protrudes to prevent accidental pressing. Both versions are quick and easy to swap in and out thanks to the bayonet fitting. This allows the CT-HR PTT to be individually adapted to each particular operation.
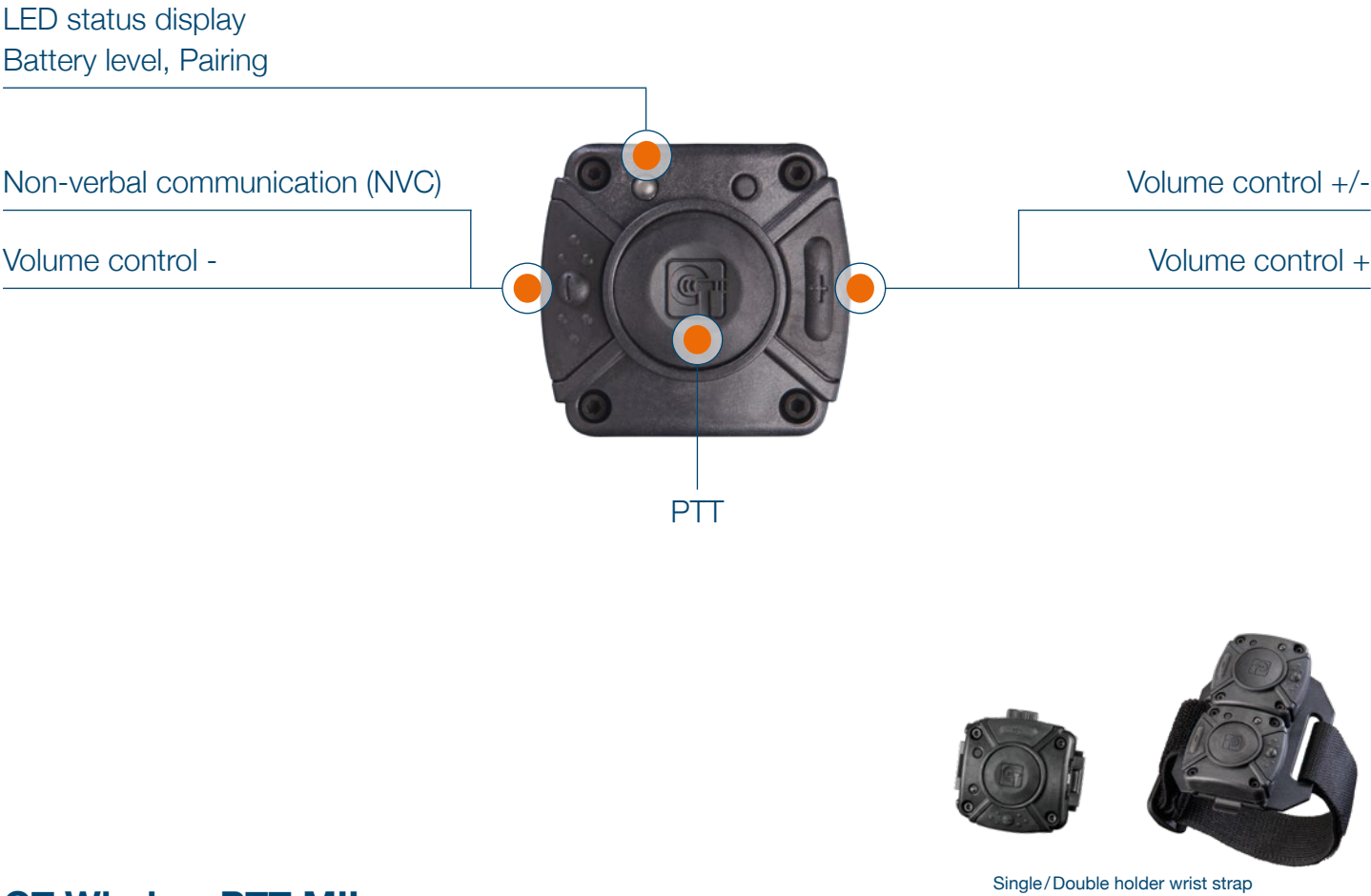
Always in the right position
A fastening clip is supplied for fitting the CT-HR PTT on or under clothing. This can be rotated by 360° and locked into sixteen (16) positions.
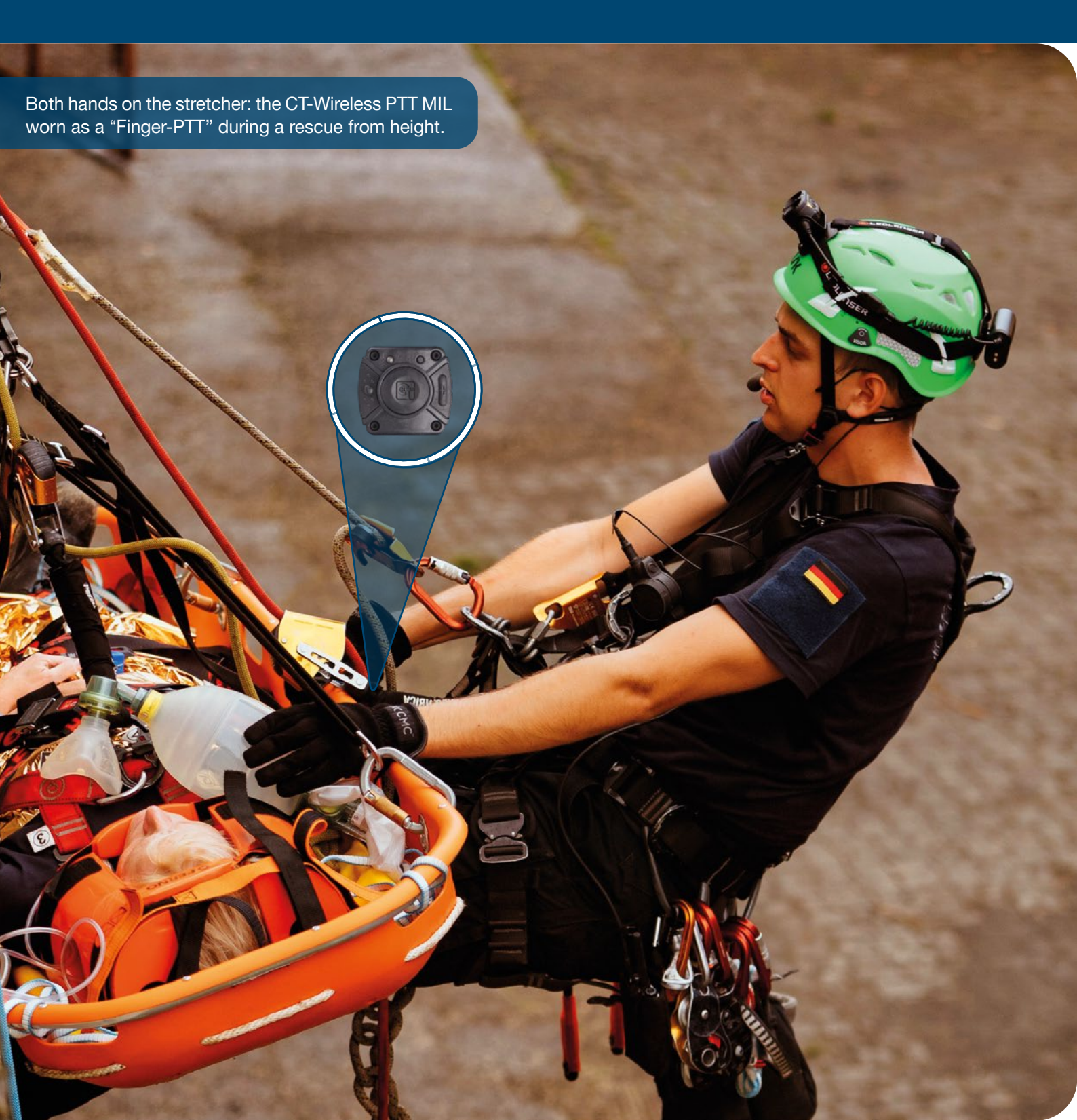
Made in Germany

IP

MIL-Specs

CT-WirelessPTT MIL:
Optional wireless control.

The optional use of the CT-WirelessPTT MIL makes the CT-HR PTT even more versatile. The mini-PTT works as a remote control for the robust inline PTT and has three function buttons. These can be used to operate the PTT and control the volume, amongst other things.

The new CT-HR PTT and the CT-WirelessPTT MIL offer even more features that have been achieved after a series of tests and certifications / classifications:
- IP66 and IP67: complete dust protection and resistance to strong spray water as well as protection against submersion (even without protection ring)
- Flame resistant according to EN 443
- UL 94 V-0: classified for non-burning drips
- Colour-coded binder connector: IP67

WHEN IT COUNTS

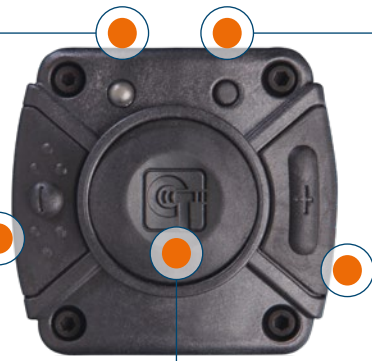Both hands on the stretcher: the CT-Wireless PTT MIL worn as a "Finger-PTT" during a rescue from height.

Multi-colour status LED

Pairing button

Multifunctional button 1

Multifunctional button 2

Main button
(e.g. PTT – Push-To-Talk)

Single / Double holder wrist strap

Single / Double Picatinny adapter

Convex:

CT-WirelessPTT MIL
with PTT button curved
outward

Concave:

CT-WirelessPTT MIL
with PTT button curved
inward

**Low-noise /
concave:**

CT-WirelessPTT MIL
with almost noiseless PTT
button

! The CT-WirelessPTT MIL is available in three versions with different keypads (convex / concave).

CT-WirelessPTT MIL:
Wireless remote operation.

The CT-WirelessPTT MIL is a mini-PTT, which can also be used to remotely control the CT-HR PTT. This small, robust PTT enables the connected communication devices to be controlled during mission-critical applications – even when users don't have a free hand.

The CT-WirelessPTT MIL has a slightly larger PTT button and two smaller multifunction buttons which can be configured to control different functions. All the buttons provide clear tactile feedback.
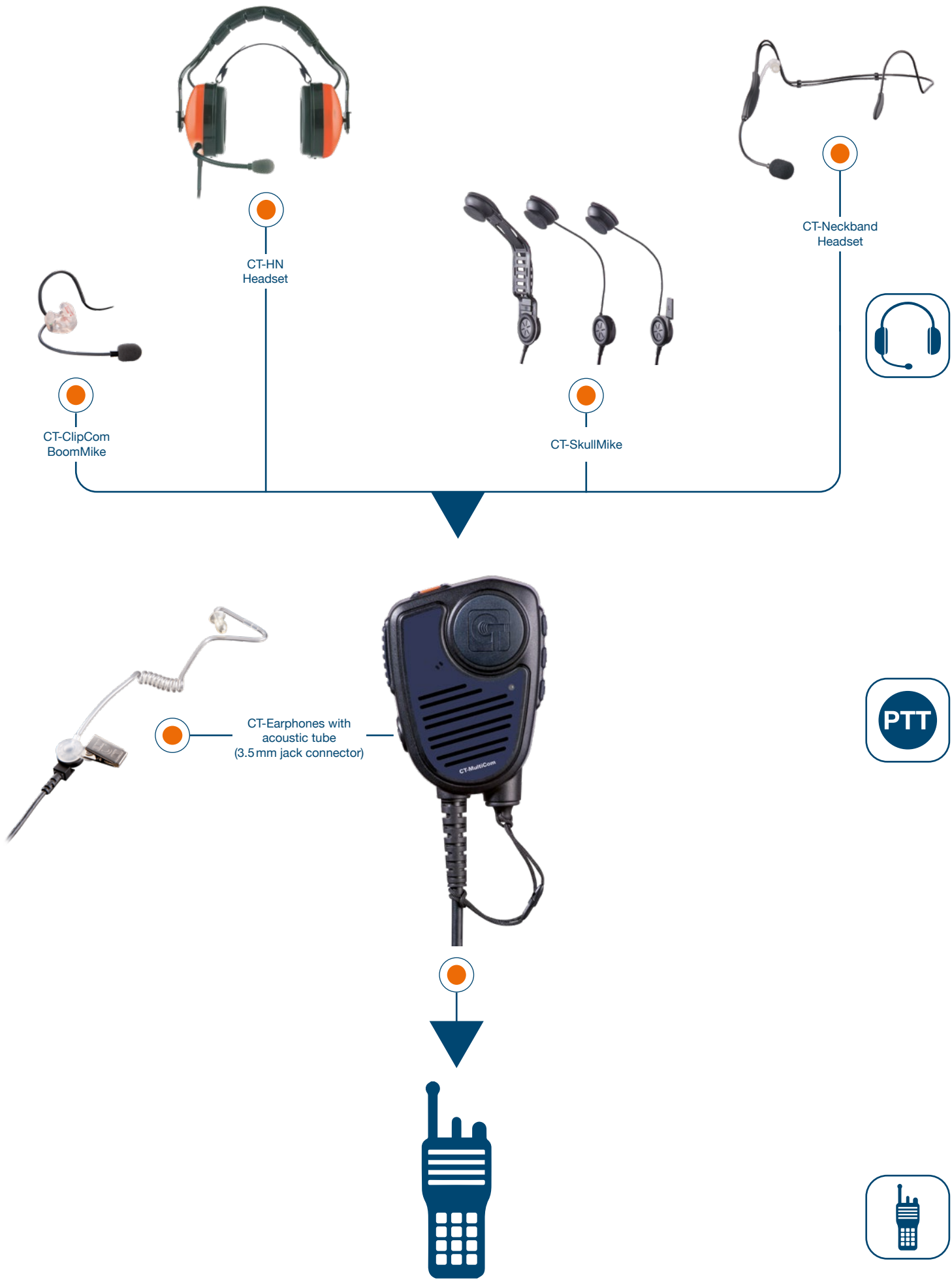
Made in Germany

IP

MIL-Specs

WHEN IT COUNTS

CT-Neckband Headset

CT-HN Headset

CT-ClipCom BoomMike

CT-SkullMike

CT-Earphones with acoustic tube (3.5 mm jack connector)

PTT

The CT-MultiCom:
Multifunctional use.

The CT-MultiCom communication device is another compact addition to the CeoTronics family of remote units and is designed to connect headsets with a Nexus plug connection or a 3.5 mm jack.

Made in Germany

WHEN IT COUNTS

CT-MultiCom

Emergency call

PTT

3.5mm jack socket
for earphones

360° rotation

Rotatable clip

Volume control +

Activate / mute
loudspeaker

Volume control -

Configurable status LED

Nexus socket for headset

Sealing cap

The new CT-MultiCom:
More than a speaker mike.

The CT-MultiCom has an impact-resistant and flame-retardant housing and, with the protection class IP65 and IP67, it is very well protected against environmental influences. It is both dustproof tight and waterproof and has many functional features for use in the field.

In addition to a 3.5 mm jack socket for connecting CT earphones with acoustic tube, users can also connect a variety of professional CT headset systems via the robust Nexus socket.

As an especially user-friendly feature, the CT-MultiCom comes with two PTT buttons that are easy to operate even when wearing gloves. The loudspeaker volume can be adjusted using two separate buttons to one of three levels to suit user preferences – or muted as required. For the safety of mission personnel, the unit is also equipped with an emergency call button.

The CT-MultiCom is available either fitted with a 12-pin Hirose connector and 230 mm coiled cord or with a direct connection for various radios.

Made in Germany

IP

Compatible headsets

CT-ClipCom BoomMike

CT-HN Headset

CT-Neckband Headset
(monaural)

CT-SkullMike
Headset for helmet installation

**CT-Earphones with
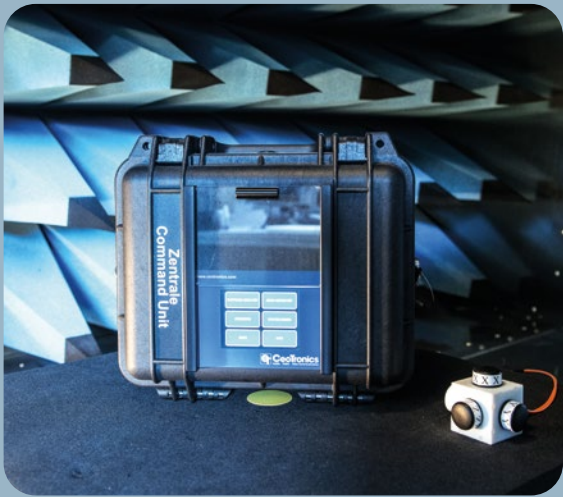acoustic tube**
(3.5 mm jack socket)

WHEN IT COUNTS

By choosing professional communication systems from CeoTronics, you are receiving communication solutions with German engineering know-how that has earned the quality seal "Made in Germany". As a company focused on providing a complete service, we also offer our customers product-relevant advice and services of the highest quality.

Know-how means safety:
Preliminary solutions and feasibility studies.

Not all aspects of a development can be planned out on the drawing board. That's why the individual customer's situation, and not the product, is the focus at the beginning. Before our development engineers work on your behalf, we initiate detailed preliminary investigations so that we can build on established facts for the development order.

Measuring and test equipment:
IP, EMC pre-checks according to DIN, EN and IEC standards and cable tests.
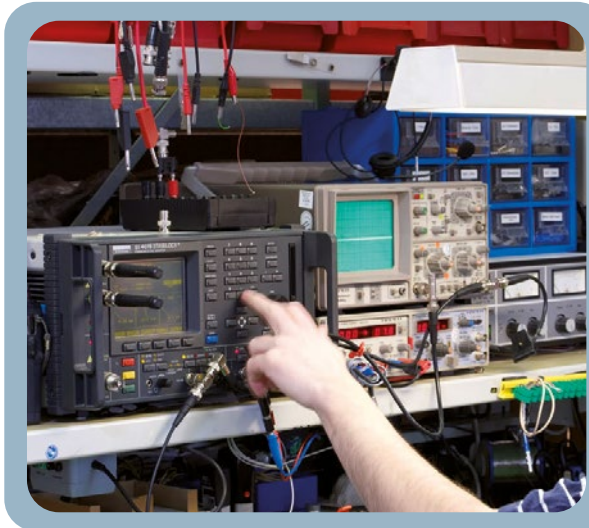
CeoTronics is testing for you
Our experienced measuring engineers support you with developments and can perform pre-checks for necessary IP or EMC certificates. By detecting and documenting housing / electronic issues or durability of cables, we support you in identifying undesirable developments.

As individual as the areas of application:
Programming and up-to-date service.

CeoTronics maintains or modifies software for its customers and independently keeps it up to date. We actively approach the person with product responsibility as soon as new software packages have been developed and the products can be updated to the latest version.

Occupational safety for employees:
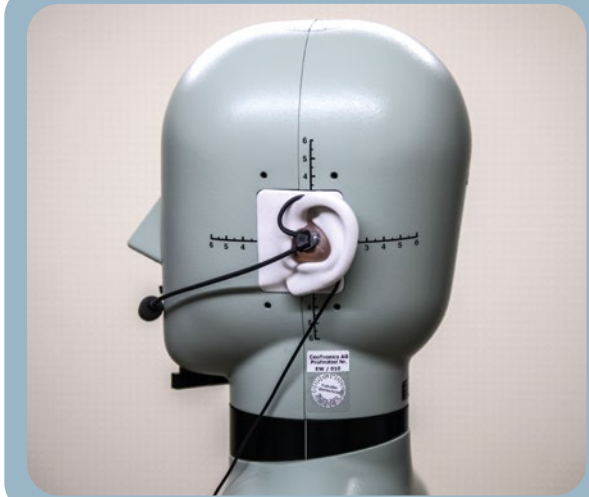### Safety for companies.

Once hearing damage has been diagnosed, it is usually irreparable. The cause is often sought, and unfortunately found, in the work environment. Therefore, the basic principle for occupational health and safety is: prevention takes precedence over rehabilitation. Protect your employees with certified communication systems that can be used as personal protective equipment (PPE) and protect your company from compensation claims.

Extended guarantees:
Lower repair costs.

CeoTronics offers a voluntary guarantee* of up to 3 years for almost all products. This is up to 24 months more than the 12-month warranty CeoTronics offers in accordance with the German Civil Code.

WHEN IT COUNTS

Made in Germany — Products with this label are developed or designed and produced in Germany by CeoTronics.

IP — The abbreviation "**IP**" stands for "**I**nternational **P**rotection" or "**I**ngress **P**rotection". The IP codes provide information on how protected electrical equipment is against various environmental influences such as dust or water.

MIL-Specs — CeoTronics. products with this label have been tested according to military standards.

The product housing is made of anti-reflective material.

This products can be controlled by a detached wireless PTT button.

The PTT protective rings are very easy to replace or attach using a bayonet lock.

CeoTronics products with this label have been tested for flame resistance.

The material used for these products is flame-retardant.

Products with this marking are equipped with a robust Nexus jack socket.

ISO Certified — DIN EN ISO 14001:2015

ISO Certified — DIN EN ISO 9001:2015

ATEX Certified — ATEX Directive 2014/34/EU Annex IV

PPE Certified — PPE Regulation (EU) 2016/425, Annex VIII (Module D)

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WHEN IT COUNTS

www.ceotronics.com

*If not otherwise stated in the offer, CeoTronics grants a 3-year warranty for material and manufacturing defects for CeoTronics products. The precise scope of the warranty can be found in the warranty terms and conditions (also available for download at www.ceotronics. com).

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