

CT-DECT GateCom

- Digital full-duplex communication
- Ambient sound reception (ASR)
- CT-ComLink®-technology





CeoTronics:
More than just headsets.

For over 30 years, CeoTronics have developed and produced innovative communication systems for demanding environments. We are the leading supplier of mobile digital radio networks and terminal equipment as well as high-quality communication headsets and systems for professional use.

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

CeoTronics provides communication systems and services for a wide variety of professional groups and can also develop bespoke solutions for your company. Let us convince you. We have a 100 % recommendation rating based on years of customer surveys.

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)

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, go to: www.ceotronics.com

* see back



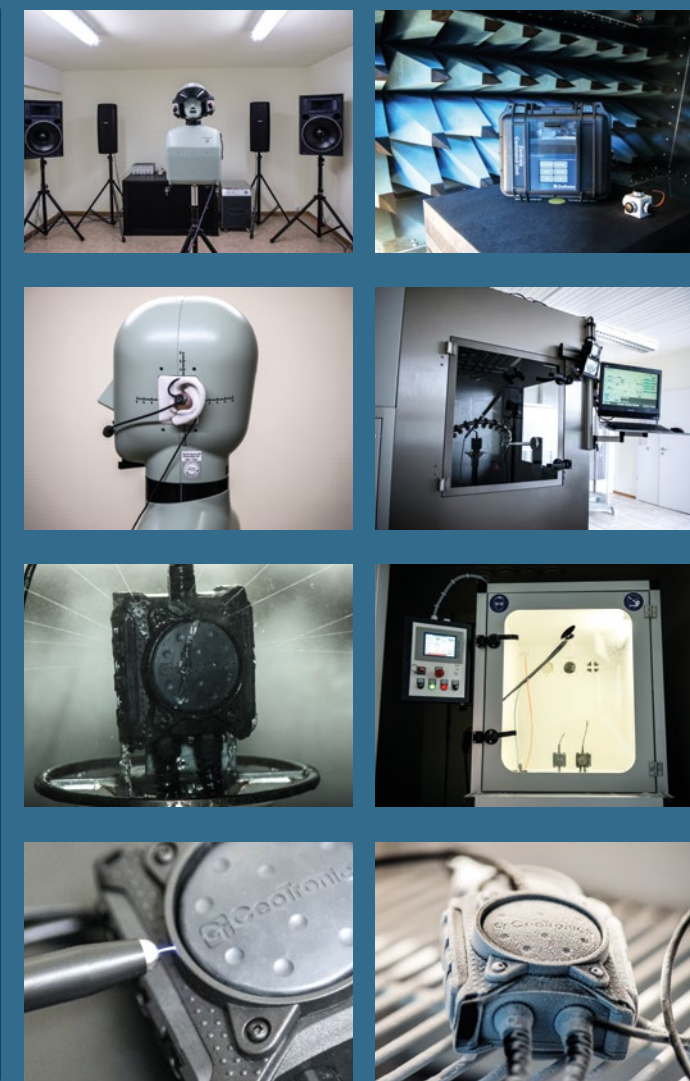
Efficient laboratories:
Test, measuring and testing facilities.

By choosing professional communication systems from CeoTronics, you are opting for communication solutions with German engineering know-how that deserve the “Made in Germany” seal of quality. As a holistically oriented company, we naturally also offer our customers technical services at our own testing, measuring and inspecting facilities.

We can perform the following inspections for you at our high-performance laboratory:

- Testing individual PPE products (OTP) on test subjects according to the PPE Regulation using the CT-EarGuard System
- Climate and temperature tests according to MIL standards
- Subjective and objective measurements of sound insulation in our acoustics laboratory based on the PPE Regulation
- Accompanying development EMV-Pre-Compliance examinations with GTEM cell and standard-compliant ESD-examinations
- IP tests according to DIN standard
- Case tests according to MIL standard
- Simulated submersion testing up to 30m
- Alternate bending inspections for cables
- Tensile test for plug connections

Talk to us about your requirements, we gladly develop you a customised offer.



CT-DECT GateCom



CT-DECT GateCom

CT-DECT GateCom is the wireless, digital communications system for deployment in the aviation industry. It builds up a digital network within seconds, offering ground crews with up to 8 members unrestricted, full-duplex communication with one another. Just as with a home phone setup, this means, for example, that in conjunction with CT-DECT GateCom headsets, the crew can listen and talk simultaneously to each other – or even directly to the flight deck, if necessary.

One of the system's technical highlights: the latest noise-canceling technology. Software that ensures crystal-clear communication even in extremely noisy environments.

All of this adds up to reduced holding and ground handling times when using the CT-DECT GateCom communications system. This translates to lower costs and a safer working environment for ground staff. Cables are not required within the local working area, which not only reduces trip hazards but also minimizes the danger to the push-back personnel if lightning should strike the aircraft. Consumable costs are also reduced, since no more damage occurs to cables!

A word to customers with existing digital or analog radio networks: Just talk to us – we can assure connectivity!



CT-DECT GateCom Headset

This top-quality, high-noise headset offers component connectivity and ear protection in one unit. Digital full-duplex communication is assured for all ground crew staff members, thanks to the CT-DECT radio module integrated directly into the earmuff cup.

Voice is picked up by a high-quality noise-compensating microphone and transmitted wirelessly. The headset can also be optionally equipped with CT-ASR (Ambient Sound Reception), for the adjustable, level-limited reception of environmental sound. In all cases, headsets are supplied with the necessary operating power by a rechargeable high-performance battery, also integrated into the ear protection muffs.

CT-DECT GateCom Compact



CT-DECT GateCom Compact

As the name suggests, CT-DECT GateCom Compact is a miniaturized aircraft comms interface for wireless communication between pilots and ground crew. At the same time, the system can also act as the base station for a communications network setup between several members of the ground crew staff. Up to four team members can talk to one another in full-duplex – also sufficient for the vast majority of typical scenarios at major airlines.



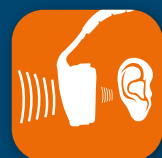
Explanations



Products with this label are developed or designed and produced in Germany by GeoTronics.



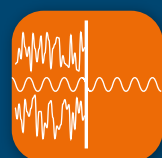
The CT-DECT systems enable full duplex communication, which means delay-free, simultaneous listening and speaking at any time without having to press a PTT button.



In addition to the voice signal, ambient noises are also transmitted. This allows unrestricted directional hearing.



This product offers full duplex communication for up to 12 participants.



Products with a noise-compensating microphone screen out disturbing ambient noise and thus transmit speech particularly clearly.



This product offers full duplex communication for up to 5 participants.



The CT-DECT M7 technology is a further development of the well-known CT-DECT technology and raises DECT communication to a new level with its robustness and stability.



GeoTronics 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, GeoTronics 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 GeoTronics' forward-looking thinking and actions, its consistent focus on sustainable business practices, and its wide-ranging commitment to protecting the environment.

Services

The holistic service from GeoTronics:
For the best price-/performance ratio.

CT-Analytics

Expertise means safety
Preliminary examinations and feasibility analyses

CT-Training

Increase in efficiency
Product training and system commissioning

CT-EarGuard

Occupational safety for employees according to PPE Regulations:
Safety for companies

CT-Engineering

Customer-specific product developments

CT-Product Guarantee

Additional warranty period – lower repair costs

Delivery Guarantee

Ready to ship in 48 hours

CT-Software Service

Individual like the fields of application-
Programming and up-to-date service

CT-Maintenance

For employers and employees
Increase occupational safety, reduce risks of failure

CT-Measurement and Testing Facilities

IP, EMC pre-checks according to DIN, EN and IEC standards and cable tests

CT-Obsolescence Management

Fit/Form/Function offers security
For your procurement period



*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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