



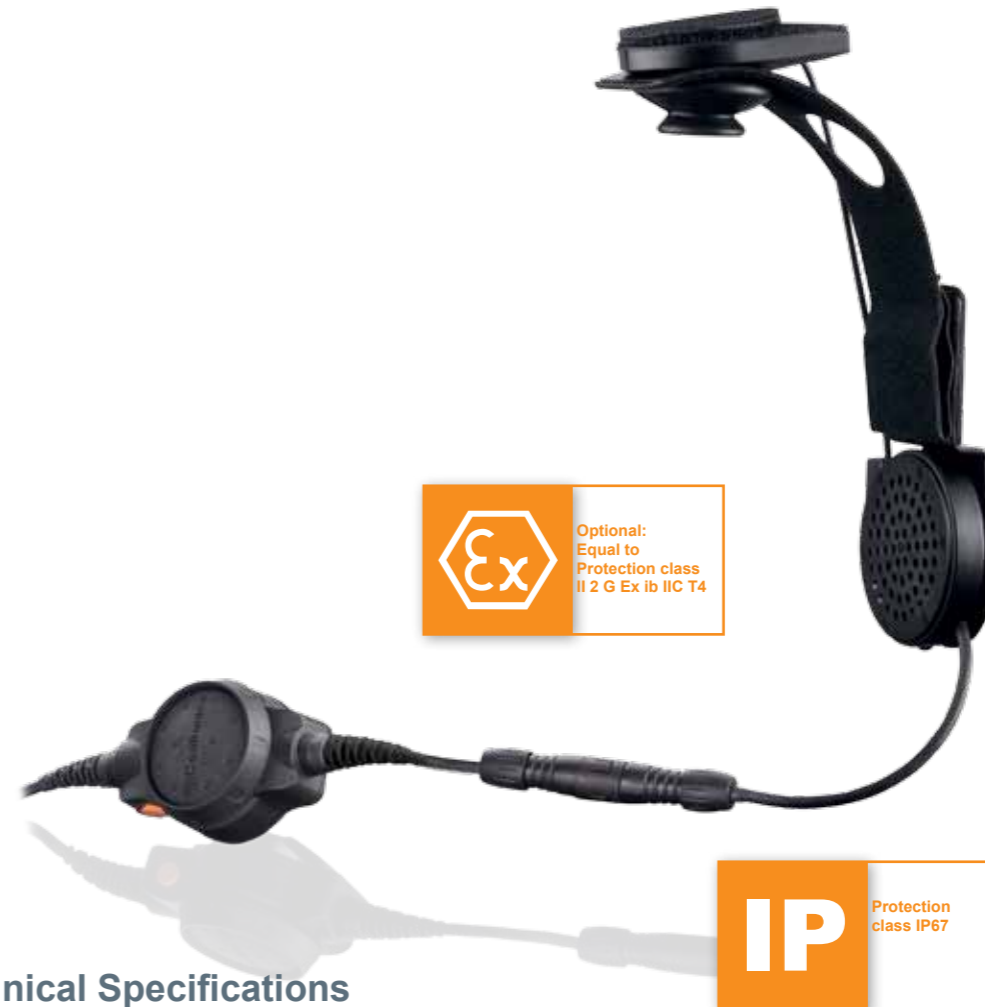
CT-ContactCom

- Impact resistant plastic
- Anti-aging bellows
- Optional: Equal to II 2 G Ex ib IIC T4

CT-ContactCom



CT-ContactCom



Ex
Optional:
Equal to
Protection class
II 2 G Ex ib IIC T4

IP
Protection
class IP67

CT-Communications Systems for use with Helmets and Masks

If swan-neck or in-ear microphones cannot be worn under respiratory masks or full-protection suits, then one needs professional alternatives. CeoTronics offers a very special solution for such cases: a send/receive system with a bone-conduction microphone. The original CT-ContactCom communications system is equipped with a special contact microphone that picks up and transmits voice directly from the bones of the skull.

First launched in 1989, the original CT-ContactCom has been optimized regularly since then, and is a perfect match for use with helmets and masks. The special construction utilizes flexible anti-aging bellows, guaranteeing clear voice transmission and a perfect fit to the skull surface.

This also prevents the occurrence of pressure points or injuries – e.g. from a blow to the helmet surface. Optionally, a quick-connect safety color-coded plug connection IP67 is also available for integration into the cable.

Technical Specifications for CT-ContactCom

Case:	Impact resistant plastic, self-extinguishing according to UL 94 V-0
Color:	black
Temperature Range:	-20 °C up to +75 °C
Operating humidity range	≤ 93 %
Speaker	
Frequency range:	300 Hz - 6,5 kHz
Impedance:	8 Ω ± 15 % bei 1,2 kHz
Distortion:	≤ 5 % bei 1 kHz/1 W
Microphone	
Type:	Skull microphone
Frequency range:	200 Hz - 6 kHz
Sensitivity:	-44 dB ± 3 dB re. 1 V/Pa
Output Impedance:	2,2 kΩ/1 kHz
Distortion:	2 % bei 1 kHz/110 dB SPL
Signal-/noise ratio S/N:	55 dB





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