

CT-WireCom Digital

- Digital Noise Reduction
- Noise cancelling microphone
- Sound insulation SNR 28 dB
- Full-duplex communication



SNR Sound insulation
SNR 28 dB



Noise cancelling microphone

Full-duplex communication

Digital Noise Reduction

CT-WireCom Digital

If the highest priority is placed on reliable communication and the continuous availability of all participants, then it's hard to find a better solution than CT-WireCom Digital. The system permits continuous two-way conversation for 2 (one-to-one) just as up to 20 participants with superior speech transmission quality at levels of ambient noise approaching 110 dB(A). Since all headsets are equipped with CT-DNR (Digital Noise Reduction), all noise interference is digitally suppressed.

A communication between multiple headsets is also possible with the use of a junction box, or a combination of wired and radio communication via an interface. Thanks to the use of digital technology, volume levels no longer need to be adjusted when additional parties join the system – levels are adjusted fully

automatically. Nonetheless, each participant can set his or her volume level individually on the headset.

The headset is powered either by the built-in rechargeable battery (max. 50h use) or via the system voltage. If headsets are activated accidentally when not connected to the system, they will shut off automatically after two minutes to conserve battery power.

Technical data for CT-WireCom Digital

Loudspeaker		
Impedance:	32 Ω @ 1 kHz	
Rated output:	0.4 W RMS	
Frequency response:	300 Hz – 4 kHz	
Distortion:	<2% / 1 kHz at 0.4 W RMS	
Microphone		
Microphone:	noise-compensating electret microphone	
Sensitivity:	-60 dB (±3dB) re. 1V/Pa bei 1 kHz	
Connecting lead		
Spiral cable	Length:	Material:
	~ 500 mm	Black PU
Environment		
Operating temperature:	~ -10 °C – +55 °C	
Storage temperature:	~ -40 °C to +80 °C (max. storage temp.)	
Physical data		
Weight:	512 g	
Power supply		
Power supply:	via WireCom system voltage (12 – 24 V stabilized) or NiMH 3.6 V / 2500 mAh (depending on model)	
Power-on time:	~ 50 hours – dependent on ambient temperature	
Battery charge time:	~ 3 – 4 hours	

CT-WireCom Digital Headset (sound absorption values)

Frequency [Hz]	125	250	500	1000	2000	4000	8000
Mean [dB]	8,5	17,9	26,6	30,4	30,3	36,2	34,3
Standard deviation [dB]	0,5	0,4	0,2	0,6	0,5	0,8	0,4
APV [dB]	8,0	17,4	26,4	29,8	29,7	35,4	33,9

	SNR-rating	H-rating	M-rating	L-rating
	28 dB	32 dB	26 dB	17 dB

Reading with artificial head, based on EN 352-1



CeoTronics AG

Audio · Video · Data Communication

Adam-Opel-Str. 6
63322 Rödermark (Germany)

Tel.: +49 6074 8751-0

Fax: +49 6074 8751-265

E-Mail: sales@ceotronics.com

Web: www.ceotronics.com