



The complete solution for the hearing health of professionals exposed to noise



Wireless communication kit COTRAL- Vokkero®

VOKKERO® all-in-one and hands-free communication system
COTRAL SOUND high-performance micro-headset, even at more than 100 dB(A)
Efficient and comfortable hearing protection

The VOKKERO® - COTRAL Sound solution facilitates exchanges among mobile teams by allowing creation of an instant, permanent and secured audio conference, while protecting their hearing health.

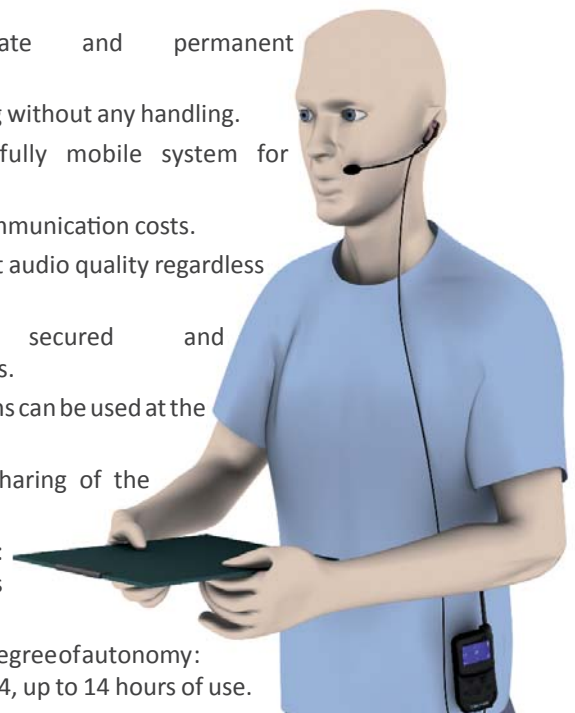
This complete system consists of portable radio terminals connected to COTRAL Sound micro-headsets and customised hearing protections made of Crylit®. Two to six individuals can converse in "full duplex" mode using this system (instant speaking, no PTT). Being completely hands-free, this solution makes for great freedom of movement. Communication is clear and intelligible, markedly reducing the risks related to improper understanding of work instructions in the professions of civil engineering, construction, security and safety and industry...

For 5 you key points

- An all-in-one and **full duplex communication solution** for remaining in permanent contact with one's employees while maintaining full concentration on one's job.
- A communication device with a **patented, ultra high-performance noise filter**, for optimum hearing quality regardless of the environment.
- **Rapid, efficient and safe implementation** by simply pairing the devices. No need to make provision for a fixed installation.
- A **great stability of the micro-headset** owing to its neckpiece which ensures perfect use for professionals who move around (refer to the sheet for COTRAL Sound).
- The comfort and efficacy of a **customised protection** made of Crylit®.

The advantages of the system

- Full duplex: immediate and permanent audio communication.
- Hands-free: instant speaking without any handling.
- No fixed installation: a fully mobile system for unrestricted movements.
- Toll-free frequencies: no communication costs.
- Patented noise filter: perfect audio quality regardless of the environment.
- Digital encryption: secured and confidential communications.
- Multichannel: several systems can be used at the same site.
- "Group" function: allows sharing of the network in user sub-groups.
- "Push-to-talk" micro cut-off: allows talking to individuals outside the network.
- Compact, light, robust, high degree of autonomy: 120 x 60 x 25 mm - 150g, IP54, up to 14 hours of use.





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Full duplex and hands-free **communication kit** **COTRAL- Vokkero®**

Encrypted digital transmission of the communications
COTRAL Sound high-performance micro-headset
Customised hearing protection made of Crylit®

The technical specifications

VOKKERO®, the all-in-one and hands-free communication system.



Number of users.....	2 to 6 in full duplex mode + unlimited number in listening mode
Range.....	up to 800m (1/2 mile)
Channels.....	3 (Europe) - FHSS (US, Canada)
Autonomy.....	up to 14 hours
Batteries.....	Li-polymer 3.7V, rechargeable
Frequencies.....	863-870MHz (Europe, South Africa...)
.....	902-928MHz (USA, Canada, Australia...)
Power.....	10/200mW
Weight.....	150g - 5.3 oz (including battery)
Dimensions.....	120 x 60 x 25mm (4.7»x 2.4» x 0.8»)
Operating temp.....	-10/+50°C (14/122°F)
Modulation.....	GFSK
Sensitivity.....	-103dBm
Technology.....	TDMA
Standards.....	Europe: EN 300-220 / EN 301-357.
.....	USA: FCC Part 15.
.....	AS/NZS 4268

COTRAL Sound, the high-performance micro-headset with a customised hearing protection made of Crylit®



COTRAL Sound headset with differential electret microphone and neckpiece

+

Customised hearing protection, made of Crylit®,
manufactured in 3D based on the ear impressions
of each employee, with an acoustic filter
(SNR 21 dB) - Prima 3D® model



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Your guarantees

- Guarantees: PRIMA 3D® hearing protection: 4 years - COTRAL Sound micro-headset: 1 year - Communication system: 2 years (refer to the maintenance recommendations).
- An after-sales service at www.cotral.co.uk "customer area" or by telephone at +33 (0) 2 31 69 05 13.



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