

VOK-ENG, THE solution for reducing intervention time



Contaminated zone analysis.

INTERVENTION IN CONTAMINATED ZONES

▶ Radioactivity, exposure to toxic gases, industrial products, CBRN weapons, people working in contaminated zones are exposed to such risks on a daily basis. In order to limit them, they need to wear suitable PPE, but above all **to reduce intervention time to a strict minimum.**

Vokkero® meets this requirement perfectly by providing **permanent, hands-free and perfectly audible communication** between team members. How?

- **Vokkero® is adapted to users wearing masks.** It allows users to create a clear audio conference between them, eliminating risks due to misunderstandings.
- **The patented noise filter eliminates all noise interference from self-contained breathing apparatus,** reducing user fatigue and enabling them to remain focussed on their tasks.
- **The hands-free function means that users can speak without manipulation,** a major asset when wearing a protective suit makes difficult or impossible the managing of a push-to-talk button.

▶ **A reduction in risks, isolation and stress, optimization of work time and improved efficiency and safety,** these are the advantages gained by using Vokkero®.

As explained by Billy Kernisant of the Millennium company: "Using Vokkero® in a dosimetric mapping application has meant a reduction of the collective dosimetry of interventions by 30 to 40%."

ADVANTAGES OF THE VOK-ENG SYSTEM

- ▶ **Total freedom of movement:** 100% hands-free system requiring no manipulation.
- ▶ **Adapted to the wearing of all types of PPE:** sealed protective suits, self-contained breathing apparatus, filter breathing apparatus.
- ▶ **Clear voice transmission:** Vokkero® is equipped with a noise filter suppressing all extraneous sounds (self-contained breathing apparatus ventilation, motors, turbines, etc...).
- ▶ **Permanent contact with the control room or supervision centre:** option of interfacing with various types of intercom / interphone systems.
- ▶ **Decontaminable device.**
- ▶ **Secure & confidential communications:** digital encryption.



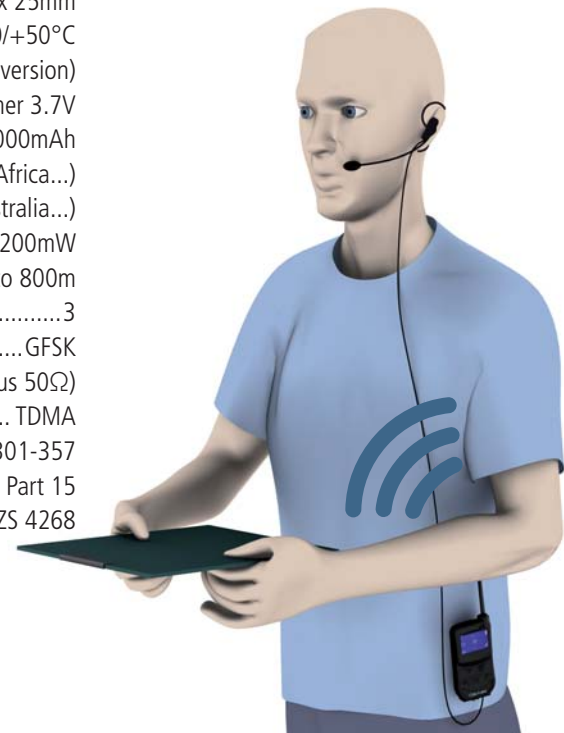
VOK-ENG

Radio communication system adapted to PPE wearers



TECHNICAL DETAILS

Number of users	2 to 6 + an unlimited number of "listen-only" receivers
Weight and dimensions	150g (including battery)
.....	120 x 60 x 25mm
T° range.....	-10/+50°C
Battery life	Up to 14 hours (2000mAh version)
Battery.....	Rechargeable Li-Polymer 3.7V
.....	1000 or 2000mAh
Frequencies	863-870MHz (Europe, South Africa...)
.....	915-928 MHz (USA, Canada, Australia...)
Power	10/200mW
Range.....	Up to 800m
Channels.....	3
Modulation.....	GFSK
Sensitivity.....	-103dBm (BER 10-3 sous 50Ω)
Technology.....	TDMA
Norms.....	Europe: EN 300-220 / EN 301-357
.....	USA: FCC Part 15
.....	AS/NZS 4268



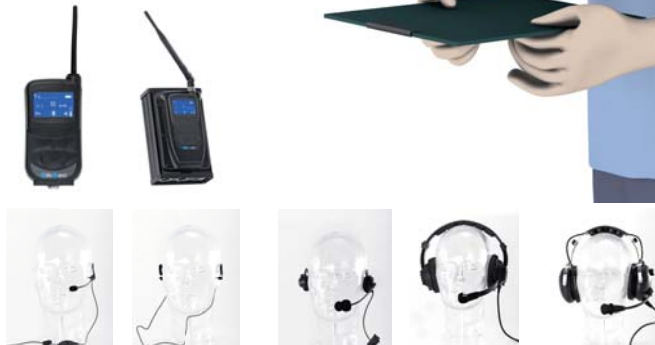
PRODUCTS & ACCESSORIES

Conference system

VOKKER	Audio transceiver
WI	Wireless interface

Microphone-headsets

KEN 020	Generic headset with On/Off switch
SEN 010	In-ear headset
PIR 010	Industrial dual-sided lightweight headset
MAE 020	Audio Pro dual-muff headset
PIR 040	Industrial dual-muff headset



Batteries, Chargers & Push-to-talk modules

PTT 010	Push-to-talk module
BCH 030	3-slot battery charger



Packaging & Accessories

HAC 026	Rigid protective case
SOC 010	Flexible & reinforced transport bag
HAR 010	Harness
ABD 010	Armband
BEL 010	Belt
BEC 010	Belt clip

