VOKKERO®

RADIO COMMUNICATION SYSTEM

CLEAR TEAM COMMUNICATION FOR KEY DECISIONS

PRODUCT AND ACCESSORY CATALOGUE

Vokkero®, the reference in communication systems for mobile teams, in sports, industry and services.

Our communication systems allow multiple users to create an instant, permanent and secure audio conference.

Simple, intuitive and economical, they improve decision-making in environments where team communication is the key to success.
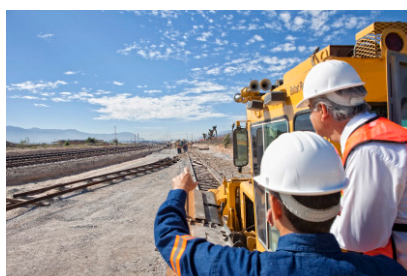

INDUSTRY

ENTERTAINMENT

CIVIL AND MILITARY SECURITY

SEVESO

RAIL

NUCLEAR

CONSTRUCTION

KIT GUARDIAN 2 TO 8 USERS

▶ Ready-to-use Vokkero Guardian audio kit, available for 2 to 4 users or 5 to 8 users, for each Guardian versions :

- Standard
- Atex
- Plus

2 to 4 for users kit content example

- 2 to 4 Mobile Radio Terminal
- 1 generic headset by user
- 1 charging and configuration unit
- 1 rigid case
- 1 user guide

5 to 8 for users kit content example

- 5 to 8 Mobile Radio Terminal
- 1 generic headset by user
- 1 charging and configuration unit + 1 extension (2 extensions for 8 users kit)
- 1 rigid case
- 1 user guide

Technical characteristics

- This waterproof case offers excellent protection against impacts, corrosion, water, and dust to better protect your Vokkero® system.

- The thickness of the resin body ensures optimal protection even in extreme conditions.

- Its powerful closing system with a flexible mechanism offers maximum resistance.

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VOKKERO GUARDIAN - VOKKER-GUARD-FCE001-ST

▸Mobile radio terminal dedicated to industry and service environments.

Technical features

- Hands-free instant communication system with an unlimited number of users
- Patented noise filter: digital audio filtering (suppression of noise from the work environment)
- Sampling frequency: 8kHz
- Range up to 1.2 km
- Battery life up to 12 hours (rechargeable)

Available with Bluetooth option (VOKKER-GUARD-FCE001-STB).

VOKKERO GUARDIAN PLUS - VOKKER-GUARD-FCE001-PL

▸ Mobile radio terminal dedicated to audio and event professionals and to those who want high quality listening.

Technical features

- Hands-free instant communication system with an unlimited number of users
- Patented noise filter: digital audio filtering (suppression of noise from the work environment)
- Sampling frequency: 16kHz
- Range up to 1.2 km
- Battery life up to 12 hours (rechargeable)
- AES 128 encryption

Available with Bluetooth option (VOKKER-GUARD-FCE001-PLB)

VOKKERO GUARDIAN ATEX - VOKKER-GUARD-FCE001-EX

▸Mobile radio terminal dedicated to regulated Explosive Atmosphere environments.

Technical features

- ATEX certified, Zone 1: immediate proximity to the sensitive area ; Groupe C: hydrogen gases and vapors, acetylene ; Zone 21: immediate proximity to the sensitive area
- Hands-free instant communication system with an unlimited number of users
- Patented noise filter: digital audio filtering (suppression of noise from the work environment)
- Sampling frequency: 16kHz
- Range up to 1.2 km
- Battery life up to 14 hours (rechargeable)
- Bluetooth function: headset & smartphone connection, call handling
- AES 128 encryption

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CHARGER
WIRELESS INTERFACE

VOKKER-GUARD-CHX001 - Guardian Charger Configurator

▶ Used for recharging terminals or batteries of the Vokkero® GUARDIAN Standard, Vokkero® GUARDIAN Plus et Vokkero® GUARDIAN ATEX. It also allows the systems configuration with its intutive touch screen.

Technical features

- Charging terminals or battery alone
- 4 terminals or batteries can be in charge and configured simultaneously
- Intuitive touch screen
- An extension charger Guardian can be associated

VOKKER-GUARD-EXT001 - 3 slot Guardian Charging Extension

▶ The Guardian charging extension can be associated with the Guardian charger to charge / configurate 3 additional terminals or batteries (per extension).

Technical features

- 3 terminals or batteries additional can be charged per extension
- Until 4 extensions can be associated to the main charger/configurator (16 terminals or batteries)
- Can be used alone as a single charger

VOKKER-GUARD-FCE004-WI - Wireless Interface Guardian 4 wire

▶ Enables a connection between a Vokkero® system and a compatible fixed-installation 4-wire intercom system.

Technical features

- Allows using of a remote desktop microphone
- Extension of the coverage area and the audio conference thanks to the created link with other wired systems
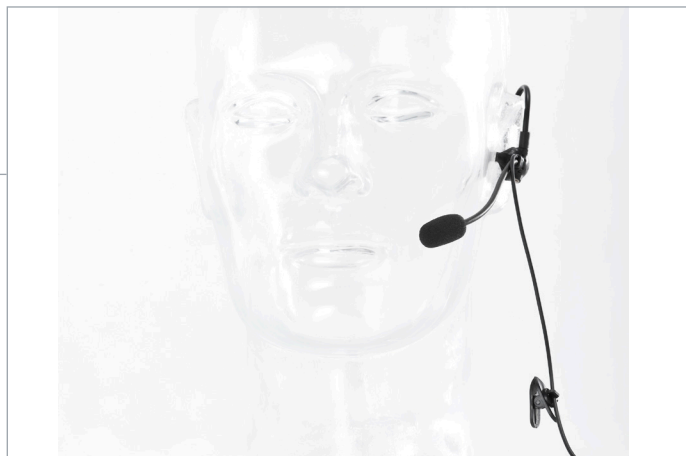- Full compatibility with Clearcom, Tecpro, RTS, ASL intercoms

+33 (0)4 76 92 07 77 | wecare@vokkero.com | www.vokkero.com   6

KEN 410 / KEN 420 - Generic headset

▸Combined light and discreet headset, suitable for all ear types.

Technical features

- Compatible with left and right ears
- Silicone inserts in three different sizes
- KEN 420: with on / off button on the wire to cut the microphone while keeping the listening

CEO 410 - CT-Neckband headset

▸ The neckband headset is characterised by both a slim design and robustness. It provides exceptional comfort and each user can adjust it individually to suit the shape of their head.

Technical features

- Very small and discreet design
- Behind-the-head headset,
- Foam microphone windshield,
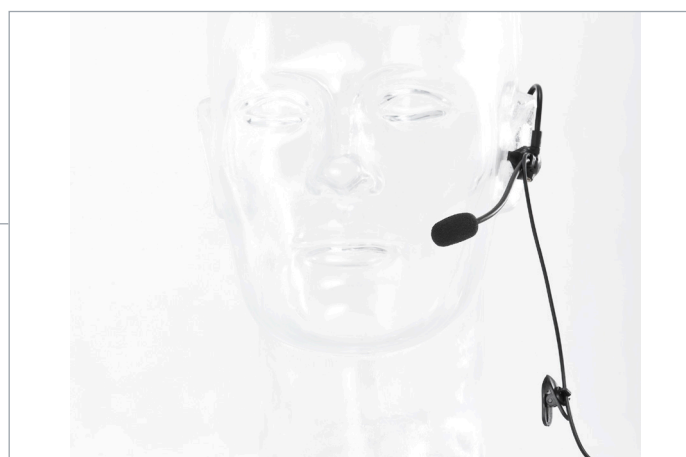- Flexible microphone boom,
- Very light (22 grams)

PHO 421 - Professional headset

▸ Equipped with a very sensitive microphone, this durable and solid PHO 421 headset system is the solution for professionals wanting a top of the range system. Durable and solid combined headset suitable for all ear types.

Technical features

- Supplied with a generic earphone kit that includes:
  - A right ear unit (left unit available as an option),
  - 3 silicone inserts that adapt perfectly to the user's ear
  - Foam wind shield
- Also available in PHO411 model with a personalized ear shell (thank you for contacting us)

SAX 440 - High sensitivity throat microphone

▶ The SAX 440 is a heavy duty and high sensibility throat microphone.

Technical features

- Rugged style throat microphone with acoustic tube earpiece
- Adjustable three quarter design neckband
- Weight: 70 gr
- Contact microphone : Single vibration sensor
- Speaker/Mic cable: ø 2.5mm, 290mm/195mm (pvc/pur)
- Type of micro-earpiece particularly suitable for situations where the wearing of a respirator is mandatory:
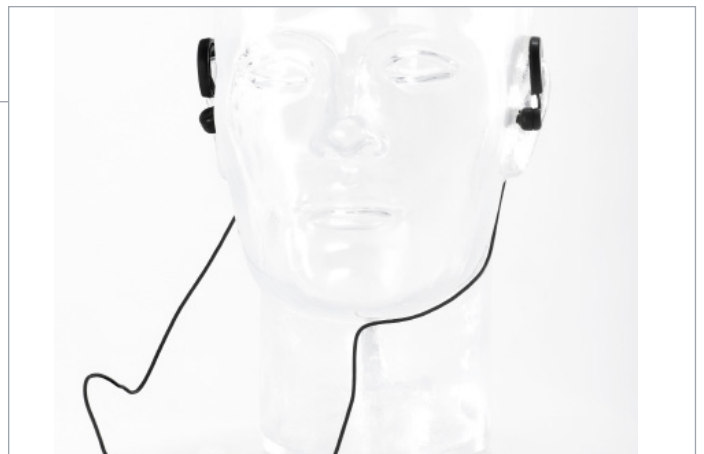   - Industry
    - Nuclear
    - Combination port.

SEN 410 - In-ear high quality headset

▶ The SEN 410 is an in-ear type headset.

Technical features

- One of the earpieces is equipped with an extremely sensitive microphone and the other with the speaker so that you don't need to have a microphone placed in front of the mouth
- This type of headset is particularly suited to situations where the wearing of a respiratory mask is needed : industry, nuclear, wearing of chemical protective suit
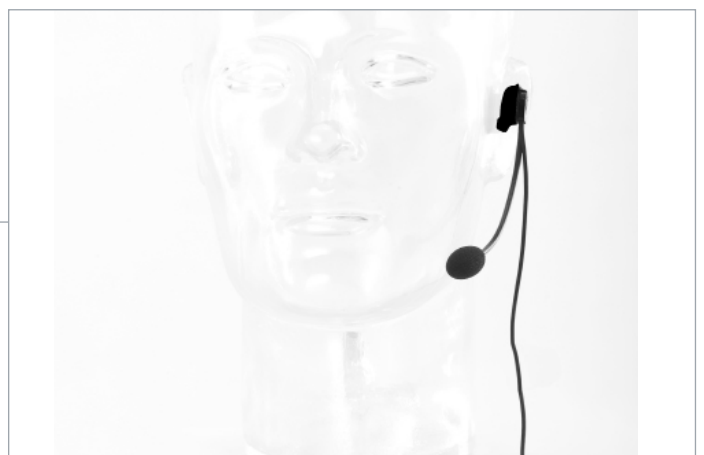
Available in ATEX version: SEN 490

SEN 421 - In-ear high quality headset

▶ The SEN 421 includes a very sensitive microphone for an optimum audio quality. Durable and solid combined micro-headset (water resistant) adapted to all ear types.

Technical features

- Delivered with a generic ear shell set that includes: a generic ear shell, 3 silicone inserts that adapt perfectly to the user's ear
- Wind protector foam
- Also available as SEN422 model with a customized ear shell (please contact us)

MAE 410 - Audio pro single muff professional headset

▸ This professional headset is equipped with one earmuff offering good protection from outside noise. This product is especially crafted to talkback applications: entertainment, direction of operations...

Technical features

- Flexible microphone stem
- Very lightweight
- Size-adjustable for added comfort
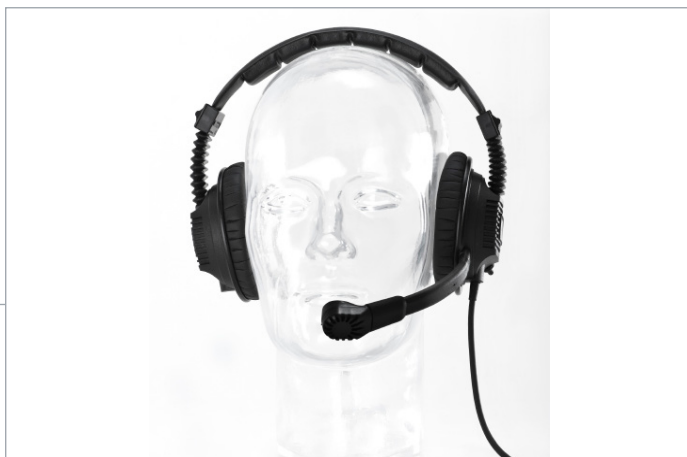- Enveloping pads for comfortable wearing

MAE 420 - Micro-casque professionnel audio pro double-oreille

▸ This professional headset is equipped with one earmuff offering good protection from outside noise. This product is especially crafted to talkback applications: entertainment, direction of operations...

Technical features

- Flexible microphone stem
- Very lightweight
- Size-adjustable for added comfort
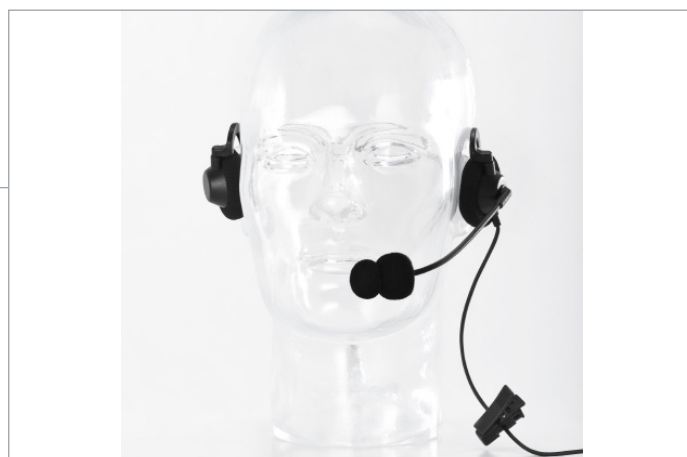- Enveloping pads for comfortable wearing

PIR 410 - Industrial, dual-sided lightweight headset

▸ The lightweight PIR 410 is designed for comfort while simultaneously guaranteeing excellent audio quality.

Technical features

- Dual-sided,
- Microphone wind shield,
- Flexible microphone support,
- Very light.
- Behind the head headset allowing its wearing under helmet

PIR 430 - Mono-ear lightweight headset

▶ Designed for comfort while simultaneously guaranteeing excellent audio quality.

Technical features

- Mono ear
- Microphone wind shield
- Flexible microphone support
- Very light
- Behind the head headset adjustable to fit the head shape of individuals and allowing its wearing under helmet
- Equipped with a shielded cabling

PEL 431 - Industrial Headset

▶ The PEL 431 headset has been used in high-noise environments for many years and has an established reputation for efficiency and comfort during prolonged use.

Technical features

- Noise canceling headphones with high insulating capacity
- Quick and easy length, height or angle adjustment of the boom microphone
- SNR : 33dB

Available in ATEX version: PEL 490

PEL 441 - Industrial Headset

▶ The PEL 441 headset has an active-volume function. Users can hear background sounds: conversations, machine noise, etc. At the same time, sudden and harmful noises are immediately attenuated.

Technical features

- Improves communication and safety
- Quick and easy length, height or angle adjustment of the boom microphone
- The active-volume function lets users hear ambient sounds
- Equalizer and volume for external input
- Battery life: Approximately 100 hours

ADAPTER CABLES - PRO 453 / 454 / 490

▶ Adapter cables to allow a perfect synchronization between your Peltor headset and the VOKKERO Guardian.

Technical features

- PRO 453: Cable Guardian to Nexus F for PEL 431
- PRO 454: Cable Guardian to Nexus F for PEL 441
- PRO 490: Cable Guardian to Nexus F for PEL 490

JUM 407 - MOBILE AUDIO CONSOLE

▶ This audio console allows the deployment of a fixed and mobile installation. Directly connected to a GUARDIAN terminal, the JUM 407 can be used like any headset accessory. Ideal for a quick installation of an on-site command / supervision center which need to be connected to a team of operators equipped with a Vokkero GUARDIAN.

Technical features

- Desktop gooseneck microphone
- Metal case
- Push-To-Talk Button
- Dynamic microphone, cardioid
- XLR connection with Lemo extension (connection possible directly on the GUARDIAN terminal)

HCO 400 - FIXED AUDIO CONSOLE

▶ The HCO 400 is an audio console that allows you to connect a Vokkero network to a remote location via a 4-wire wireless interface and a set of audio cables. Particularly suitable for remote command or control rooms wishing to communicate with a team of operators equipped with VOKKERO GUARDIAN.

Technical features

- Desktop gooseneck microphone
- Metal case
- Push-To-Talk Button
- Dynamic microphone, cardioid
- RJ45 to XLR connection

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VOKKER-GUARD-BAT001 - Guardian Battery pack

▶ Lithium Polymer Battery - 2000 mAh.
Battery life: up to 12 hours

Recharging: 4 hours max charging time.

Can be charged alone, without the radio terminal.

BEC 410 - Holster with belt clip

▶ Soft and robust holster, resistant to abrasion and dust.

Technical features

- Transparent plastic front provides perfect visibility of the screen, as well as access to the Vokkero Guardian buttons.
- Opening at the botton of the holster allows quick connect and disconnect of the headset without having to remove the radio terminal.
- Solide and ruggedised belt clip.

Products	Details	References
Audio cable XLR 10M	Audio cable with XLR connectors compatible with the HCO 400 audio console and 4-wire Wireless interface.	ACC - CBL - 10155
Audio cable XLR 20M	Audio cable with XLR connectors compatible with the HCO 400 audio console and 4-wire Wireless interface.	ACC - CBL - 10188
Remote antenna	Remote Antenna with clamp for 4-Wire Wireless Interface. For situations where the radio signal is weak near the Wireless Interface.	ACT-ANT-10144
Extension cable	The PRO 460 extender allows you to pass significant physical obstacles.	PRO 460

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Activity nuclear, Billy K., Millennium company

Specifically, the Vokkero radio communication system has enabled us to reduce operatives collective exposure to radiation by 30% to 40%.

Activity Construction, Pascal S., Bouygues company

By improving the quality of communication within our teams, we eliminated tensions, improved intervention and waiting times on site and improved our efficiency.

Activity Security, Gérard L., specialized agent of the Technical and Scientific Police

Despite wearing safety helmets and protective clothing, we remain in constant contact between us and our head of operations. In addition, thanks to the complete freedom of movement it brings, we can perform our meticulous and skilled evidence collection work without any problem.

Activity Asbestos, Luc. G., an asbestos company

Thanks to the Vokkero® communication system, you never feel alone. You are always in contact with someone. a member of the team present on site, both inside and outside the containment areas. In fact. there is less stress ; you feel in safety.

Activity Security, firefighter of SDIS 74

To work efficiently under the best conditions, we need to be able to forget our radio system. You forget it's there…

Did you know ?

Vokkero is the leader in communication systems for soccer refereeing: eqquiped almost all the world's federations and confederations and participated in its 4th World Cup in 2018.

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Notes

Distributor contact information