

**FIRE-
FIGHTING
AT THE NEXT
LEVEL**

INTERSPIRO
SpiroCom



SPIROCOM BRINGS YOUR BUDDIES CLOSER.

Teamwork requires good, open communications, and now SpiroCom makes it easy and effective. The mask mounted SpiroCom unit is unique with its combination of hands-free teamtalk, integrated voice amplifier and wireless radio interface.

Small in size, huge in impact – SpiroCom a step change in safety.

SpiroCom is a completely new, compact voice communication system designed to withstand the tough conditions that can exist at the scene of a fire. It can withstand intensive heat, it has simplified functions that are useful in critical situations and its dependability saves lives - those of the firefighters as well as those who need to be rescued.

Full duplex

SpiroCom is voice activated, and it has a full duplex team radio. Firefighters on the team can communicate without difficulty and maintain crucial contact. This results in more effective cooperation and minimized risk, and opportunities increase for quick and successful performance. At the same time, SpiroCom

offers radio traffic control - only the team and the commanding officer can hear the required communication at the location. New sound reduction of dis-



EXPERIENCE GUIDES OUR DEVELOPMENT WORK

ruptive noise in the environment increases audibility for the entire SpiroCom system.

Long-range interaction

Individual firefighters can contact the commanding officer at any time via the team's long range radio. It offers perfect interaction and a clear overview of the situation for everyone involved in the operation. If a radio should fail, automatic exchange takes place to ensure external contact.

Integrated voice amplifier

Thanks to SpiroCom and its voice amplifier, firefighters can also communicate with people in distress during critical situations where the environment and noise level require extra volume. Crucial instructions and calming information can be communicated, and evacuation can take place in an orderly fashion.



HARD FACTS

FOR HARD

CHALLENGES

Team radio

- Short range radio
- Voice activated
- Full duplex
- Hands-free within the team
- Range of up to 100 meters when there is high visibility

Activation of long range radio

- Easily accessible PTT button (Push-To-Talk)
- Everyone on the team can activate the long range radio
- External orders reach everyone on the team
- The team can have one or more long range radio apparatus
- Range depends on the selected long range radio

More effective audibility

- Voice amplifier for increased audibility
- Volume control
- Active reduction of background noise
- Display and LED indicator

Battery capacity

- Up to 35 hours of regular usage.
- Standby time exceeding 1 year
- Low battery warning

Frequency

- Europe 868 MHz
- USA 915 MHz

Standards

- ATEX EEx ia IIC T4
- UL 913 Class 1, Division 1, Group A, B, C & D
- FCC
- EMC
- NIOSH
- NFPA 1981
- EN 137





ADJUSTABLE SPEAKERS

USER WARNING LIGHT
(PTT/BATTERY/MUTE)

VOICE AMPLIFIER FOR
COMMUNICATION WITH
PEOPLE IN DISTRESS

VOLUME CONTROL

PUSH-TO-TALK (PTT)
EASY TO ACTIVATE.
ALSO WITH SHOULDER
OR AGAINST A WALL

MICROPHONE
INSIDE THE SPEECH
DIAPHRAGM

Radio with adapter box

- CONNECTS TO EXISTING RADIO UNITS
- WIRELESS
- DOES NOT AFFECT OTHER RADIO FUNCTIONS



Adapter box

- ADJUSTING TEAM NUMBER, FOR TEAM RADIO
- DISPLAY



SAFETY IS **AN ENTIRETY** **MADE UP OF** **STRONG PARTS**

The Interspiro brand is found on several continents and among several different professions within rescue services and fire-protection. The equipment has been developed on the basis of unique experience that only work performed on location can provide.

Interspiro's personal protection equipment is currently found all across the globe, and it is used daily in the event of fires and emergency situations.

As a result of our ongoing experience, we are able to continuously develop our protective equipment and integrated communication systems.

SpiroCom

Development is quick, and Interspiro is the leader in a number of areas. SpiroCom is a longed-for step in

modern communication technology. The team has received an additional useful and reliable tool to use in its tough work and to help ensure personal safety.

SpiroGuide

Effective and functioning surveillance of the firefighter's status is crucial during operations. SpiroGuide is the latest development, and it offers what is needed. Automatic start-up test, integrated movement alarm, surveillance

unit and log function. These are all practical aspects of SpiroGuide and crucial functions when working on location.

SpiroLink

The SpiroLink telemetric system offers a flexible and effective surveillance centre for managing the situation on location. Its extremely clear interface has been specifically developed for work that demands swiftness and correct decisions.



SpiroCom



SpiroGuide



SpiroLink



Interspiro has 70 years of experience as a groundbreaking innovator of respiratory protection for non-breathable environments. Interspiro is a supplier of respiratory protection to defense military organizations, fire and rescue services, industries, utilities, shipping and diving companies around the world. Interspiro is an Ocenco Group company. Ocenco ranks among the world's largest respiratory protection companies.

INTERSPIRO

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