



APPI-COM[®]

CBRN Chemical-Biological-Radiological-Nuclear



- Hands-Free Full-duplex radio
- Noise cancelling technology
- Autonomous digital network
- No fixed nor mobile base
- Unlimited nb of users
- 1.3 mi range (2km)
- Man down vocal alert
- Shockproof, watertight



HANDS FREE FOR TEAM TALK



COMMUNICATION AND SAFETY

APPI-Com LR is the world's most advanced wireless tactical field communication device: it is a **Fully Duplex system** allowing **Hands-Free** communication between team members in the most dangerous and critical situations faced by Defense, CBRNe, Demining.

APPI-Com LR is too easy to operate: simply depress the power button and you're ready to communicate, hands free, on a secure, powerful and coded network.

The system is organized with 2 team leaders and multiple team members that are always connected **whatever the group size, anywhere, anytime**.

APPI-Com LR fits multiple Audio Headsets and eliminates ambient noise to focus on the mission.



HANDS-FREE FULL-DUPLEX RADIO

AUTONOMOUS DIGITAL NETWORK

NO BASE, UNLIMITED USERS

1.3 MI RANGE (2KM)

SHOCKPROOF

WATERTIGHT

No more
Push-To-Talk !

CONFIDENTIALITY

APPI-Com deploys a wireless «Audio Conference» network within seconds, autonomous and encoded, without any installation.

SAFELINE

Allows you know who is communicating and be alerted when a team member leaves the loop.

NETWORK EXTENSION

Connect APPI-Com to any radio or cellular device to extend the communication.

MISSION SECURITY :

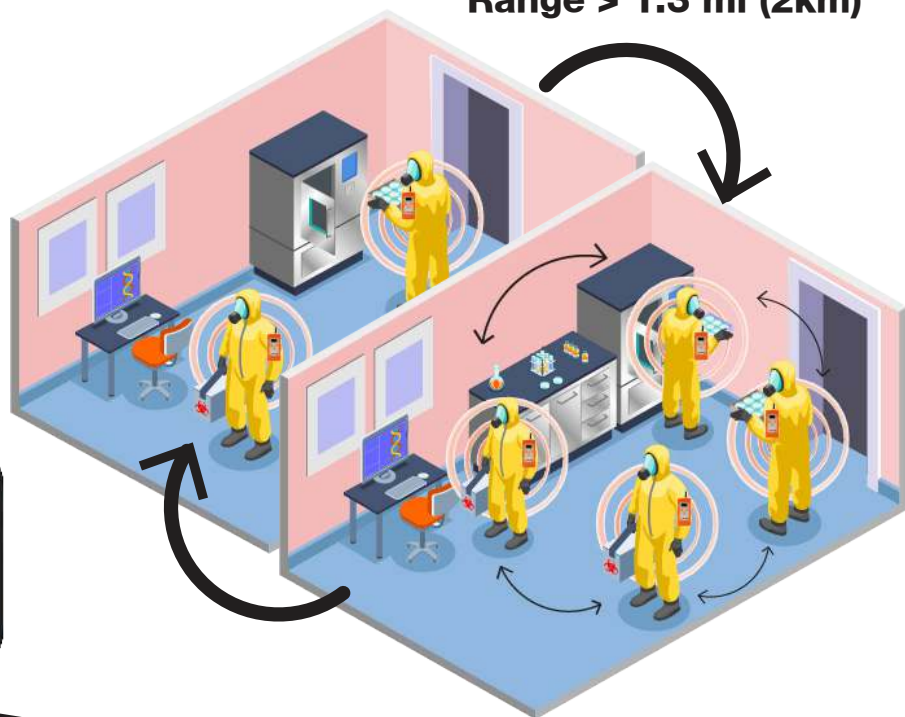
Safety pack: immobility detection with voice alert to the team

APPI-Smart: relaying immobility alerts to the GSM network (SMS, Email with GPS location)



NO FIXED INSTALLATION NEEDED

Range > 1.3 mi (2km)

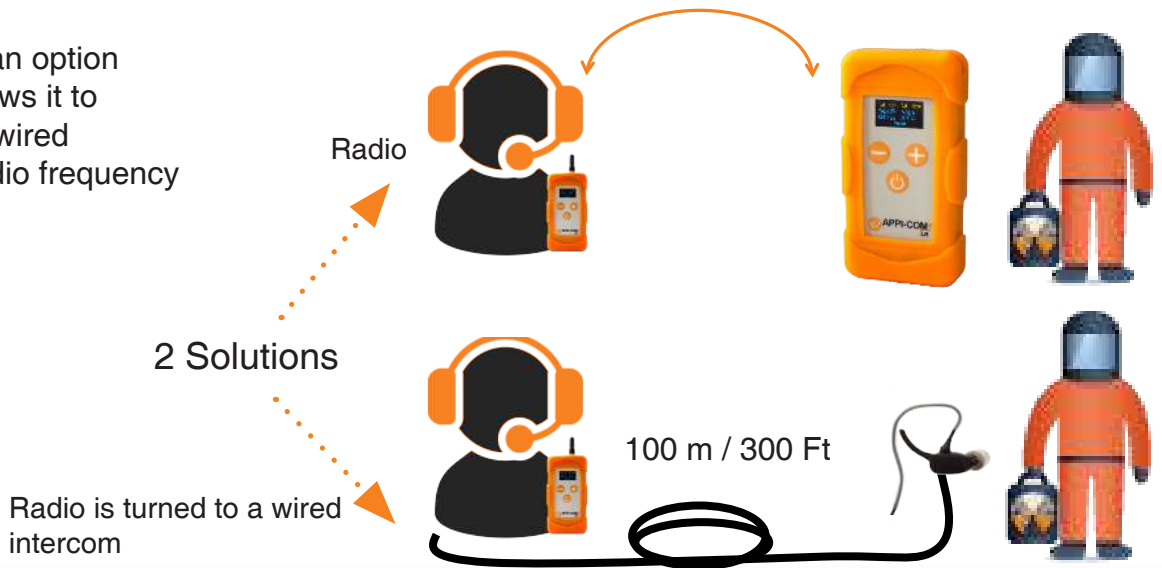


APPI-LINK OPTION



The **APPI-Link*** is an option on the radio that allows it to be transformed into wired intercom, without radio frequency transmission

*This option excludes the Bluetooth on the radio



Each user can choose the appropriate headset based on its usage and connect it to the system, wired or wireless.

Our catalog selection:

INTRA-EAR BONE CONDUCTION MICROPHONE



Loudspeaker and bone conduction in-ear microphone, providing excellent isolation (30 to 40dB) from external noise: vocal vibration is collected directly in the ear canal. Enables wisper mode conversation even in very noisy environments. Hearing protection by disposable plugs (29 to 32 dB).

HURRICANE II



Low profile headset to be worn alone or under a helmet. It provides impeccable sound quality in noisy environments thanks to its noise cancelling ear plugs (up to 29dB).

NOISE CANCELLING AUDIO HEADSET WITH SITUATION AWARENESS



Noise cancelling headset with noise cancelling microphone and situation awareness. 24dB isolation and 82dB external noise limitation («Cut-off» function) ideal for very noisy environments.



REMOTE SPEAKER MICROPHONE

Shoulder amplified wireless speaker microphone. This audio system includes an amplified loudspeaker and various speaker options.



COMMUNICATION



EFFICIENCY



SAFETY



COORDINATION



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POCKET SIZE FORMAT

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SPECIFICATIONS

RADIO APPI-Com LR

Range >1.3mi (2km)

Free bands: 863-870MHz CE / 902-928MHz FHSS

Frequency hopping (scrambled) mode

Up to 50 channels (depends on Country)

Number of users per group : Unlimited

Emission power: less than 500mW

Certifications: CE / FCC / IC / ATEX

SyncAll: no fixed nor mobile base

FEATURES

DSP Based Noise canceler

Pager & Man Down vocal alert

Bluetooth connection to Headsets / Phone / PMR ...

POWER AND BATTERY

Talk time: Up to 9h

Listen time: Up to 10h

Charging on any USB plug

External battery extension

GENERAL CHARACTERISTICS

Size: 3.6x1.9x0.6 in / 91x48x15 mm

Weight: 3oz / 80 g

Shockproof : IK8

Watertight : IP67



APPI-Com LR passed TEMPEST requirements for use at DOE & DOD facilities