

ComKit

*Mask-Mounted Communication Systems
for Ultra Elite and 3S Full Face Masks*



Communication Systems for Full Face Masks



ComKit mask-mounted communication systems allow the wearer of respiratory protective equipment to communicate clearly over commercially available two-way radios. The systems operate in “open mode”, i.e. attached to a full face mask, or “covered mode”, i.e. inside a total encapsulating protective suit.

Microphone and loudspeaker of the communication system are placed on the face mask by means of a rubber adapter on the exhalation valve housing. They are linked by a cable with the separate push-to-talk (PTT) button and a connecting plug to the radio.

Ultra Elite ComKit

Combining ease-of-use and excellent speech intelligibility, the Ultra Elite ComKit provides additional safety in fire-fighting interventions. It can be easily integrated with and removed from the Ultra Elite full face mask. It is versatile and safe thanks to its plug connector linking head set and PTT.

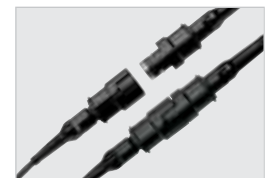
Features & Benefits

- Electret microphone with excellent speech intelligibility and low background noise
- Separate microphone and loudspeaker reduce feedback noise
- User-friendly and rugged LEMO coupling between mask and PTT for quick release
- Approved for fire fighting



PTT button

- Protection against powerful water jet (IP 66)
- Salt water resistant
- Swivelling clip for attachment on clothing



LEMO coupling

- Rugged and untwistable
- Secure push-pull latching
- Safety decoupler

Construction & Design

Loudspeaker and microphone are separated, but can be plugged into the adapter as one entity. This makes donning and doffing easier and improves the transmission performance.



Separate loudspeaker (1) and microphone (2)



Ultra Elite ComKit with adapter (attached to Ultra Elite full face mask)

Suitable configurations and compatibilities of PTT button with plug to your radio device you can find in our separate overview.

3S ComKit

The microphone/loudspeaker is inside a robust plastic housing that is protected against dust and splash water (IP 54 protection level). It assures optimal speech clarity when transmitting and receiving. Both microphone/loudspeaker housing and PTT button have a clip which can be attached to the clothing.

Features & Benefits

- Optimal speech communication
- Easy donning and doffing
- Can also be used inside total encapsulating suits
- Robust design withstanding dust and splash water
- Approved for fire fighting

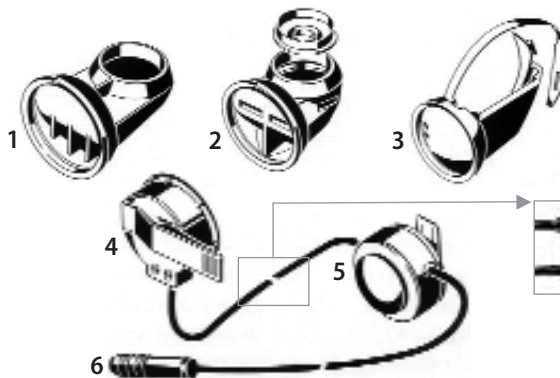
Components

Adapters for Full Face Masks

- 1 3S, negative pressure
- 2 3S, positive pressure
- 3 Ultra Elite, all versions

Communication System

- 4 Microphone/loudspeaker
- 5 PTT button
- 6 Plug for radio



Communication system with adapters for 3S full face masks (negative and positive pressure)

For radio Kenwood TK 290 with LEMO coupling which offers the possibility to disconnect microphone/loudspeaker from PTT button during doffing equipment, without detaching from mask adapter.

Suitable configurations and compatibilities of PTT button with plug to your radio device you can find in our separate overview.



Communication system attached to 3S mask

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