

Dräger FPS®-COM 7000 Communication Unit

The FPS®-COM 7000 provides hands-free communication between all wearers of respiratory protection devices during a mission. Excellent voice quality is achieved by removing all interfering noise. Specially designed for deployments using chemical protective suits.

Two ear speakers (optional)

- Dual sound for better communication

Battery compartment

- Power is supplied by 2xAA batteries, including automatic switch-off when not in use

Dual side voice amplifiers

- High sound quality for the listener



Clip-on attachment

- Quick and easy attachment and removal of the COM unit

Flexible gooseneck earpiece

- Earpiece perfectly positioned for maximum voice clarity

Group selector switch

- Allocation of talk groups

Large Push-To-Talk (PTT) button

- Easy access to tactical radio

Benefits

For missions under the harshest conditions

For missions requiring respiratory protection you have to expect extreme conditions: thick smoke and noise-obstacles that not only cause stress but also significantly hinder any form of communication. This is even more difficult if a chemical protective suit is required: these suits restrict movement and suppress your voice.

The Dräger FPS-COM 7000 in connection with the proven full-face mask Dräger FPS 7000 was developed especially for these applications. Each word is transmitted clearly and intelligibly to the members of the team.

Noise suppression for optimum voice quality

The newly developed digital noise reduction automatically suppresses ambient noises and only transmits your voice. In particular, breathing noise is filtered out preventing it from being transmitted to the voice amplifier or the radio. The integrated loudspeakers, with which you can interact directly with the injured people and team members without radio equipment, also have this function.

Wireless connection to the incident commander

Each Dräger FPS-COM 7000 has an integrated PTT button (push-to-talk) to operate a radio that can be connected as an option. You can communicate using a tactical radio by pressing just one button. The tactical radio can be connected with a cable or Bluetooth. The latter means that there are no cables that could become entangled; reducing the risk of snagging.

Hands-free team communication

The Dräger FPS-COM 7000 allows fast and efficient communication within one group or among different ones. And it works without pressing a single button. This improves your safety by not distracting you from your task. The voice-activated function also provides full-duplex communication. This means that you can talk and listen at the same time – as if you were on the phone.

If there is only one radio for the entire group, the system allows the automatic transfer of the received instructions for up to ten group members via short-range radio. This means that only one member of the group needs a tactical radio while everyone is still informed immediately.

Easy operation and individual setup options

The Dräger FPS-COM 7000 was developed with a focus on ergonomic handling and intuitive operation. The set radio group is announced via the earphones. In addition, different alarm tones warn of low battery status or if you are out of range from the team communication. An optional software allows numerous setting options with which you can adapt the system to your precise operation.

You can, for example, define the number of groups. With the integrated switch you can switch between up to seven groups during the mission.

Benefits

Robust and balanced

The robust communication unit adapts seamlessly to the Dräger FPS 7000. The robust design of the Dräger FPS-COM 7000 can resist even strong shocks and impacts. It is resistant to extreme temperatures and has protection class IP67. This means the Dräger FPS-COM 7000 is waterproof and can be easily cleaned after the operation. In addition, the balanced weight distribution prevents neck muscles from straining and increases wearing comfort – without restricting movement or limiting your field of view.

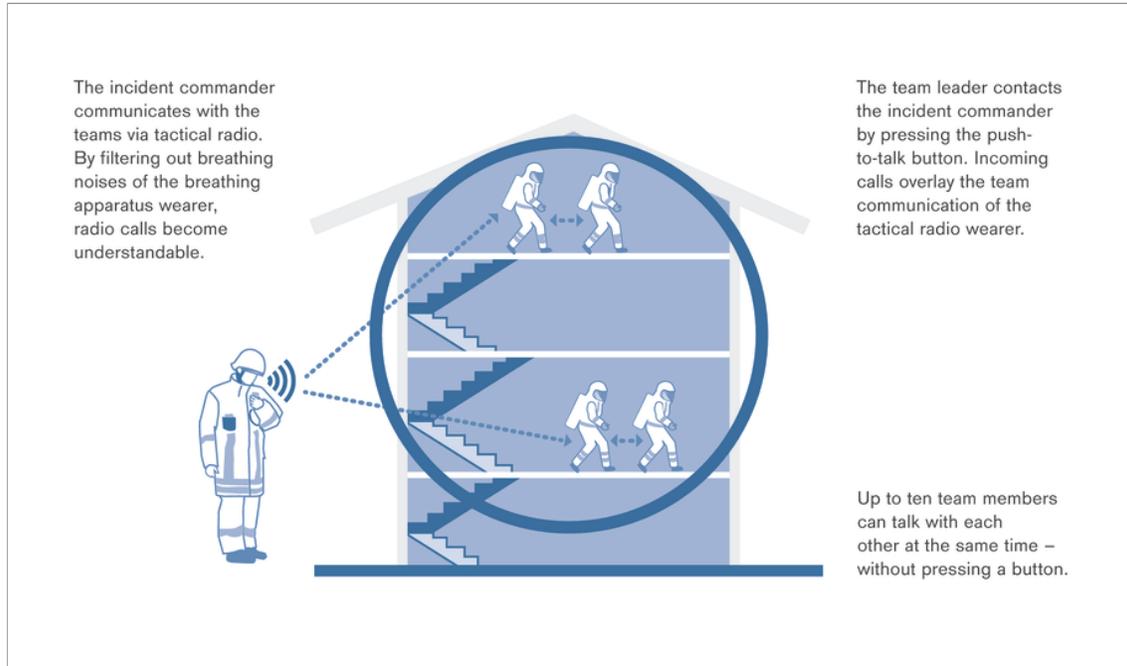
Flexibility before, during and after the mission

Thanks to its click connection that is easy to operate, the Dräger FPS-COM 7000 can be attached and removed in only a few steps – within seconds and without special tools. This allows greater flexibility to interchange between different face masks which can quickly be ready to operate by simply removing the protective cap. Therefore, you do not require a separate communication unit for every face mask. The device is easy to clean and maintain due to its easy assembly and distanced position between microphone and face seal.

Awards



Dräger FPS-COM 7000 Communication during the Mission



Digital noise reduction ensures clear communication and greater safety at the incident.

System Components



Dräger FPS® 7000 (NFPA 2013 Edition)

The Dräger FPS® 7000 full face mask sets new standards in safety and comfort. A double sealing line and choice of three sizes ensure maximum protection by adapting to different head and face shapes.

System Components

D-9339-2014



Dräger Com-Control 440

Control unit with large Push-To-Talk button for easy handling of the radio transmitter. Tough and robust design according to IP67 / MIL-STD-810G standards. Specially designed for deployments using chemical protective suits. ATEX versions available.

D-9342-2014



Dräger Com-Control 550

This microphone/loudspeaker unit connects standard radios to the FPS®-COM 5000 and 7000 communication units and can also be used independently. For ease of use, there are two large push-to-talk buttons and a switch to transfer incoming signals to the speaker.

D-998-2015



Dräger PSS® 5000 (NFPA 2013 Edition)

To be effective at fighting fires, you need breathing protection you can trust in the harshest environments. The Dräger PSS® 5000 is an ergonomically advanced SCBA that offers increased comfort, safety and performance. With a wide range of configurable features—such as bi-lateral hose routing and quick cylinder connection—the PSS® 5000 meets your needs wherever breathing protection is required.

D-1034-2015



Dräger PSS® 7000 (NFPA 2013 Edition)

Before you can protect the lives of others, you have to protect yourself. The Dräger PSS® 7000 SCBA breathing apparatus provides unmatched comfort, durability and safety in the harshest environments. The ergonomic PSS® 7000 combines trusted pneumatics, flexible fit, and quick cylinder connection—freeing you to concentrate on the task at hand.

Accessories



Various radio interface options for Dräger FPS®-COM 7000

Various radio interface options for your individual application



Protection cap for Dräger FPS®-COM 7000

When the Dräger FPS®-COM 7000 is not used, the mask can be equipped with a protection cap to have a fully operational mask.



Carrier for Dräger FPS®-COM 7000

When attaching the Dräger FPS®-COM 7000 and its protection cap to the mask, the carrier needs to be mounted to the facemask. It is part of the standard scope of delivery.



C7 Configuration Software for Dräger FPS®-COM 7000

The configuration software allows various settings of firefighting operations like the number of troops and the function of the PTT button.

Services



Dräger Service

With Dräger's service solutions, you get complete peace of mind and budget security knowing that your safety equipment is supported by the same team of experts that engineered it and is backed by over 125 years of experience. You can rely on Dräger to keep the devices you depend on operating at peak performance and to always put the safety of your team first. That's the Dräger Service Advantage.

Related Products



Dräger FPS®-COM 5000 (NFPA 2013 Edition)

In an emergency, there is no time for misunderstanding. That's why Dräger developed the FPS-COM 5000 communication unit for both NFPA 1981 2007 and 2013 versions of SCBA. Designed to connect seamlessly to the Dräger FPS® 7000 and FPS® 7000 RP full face masks, this proven communication unit ensures clear communication through either a voice amplifier or a radio—even in extreme conditions.

Technical Data

Approvals	EN 136 class 3 EN137 type 2 NFPA 1981:2013 ATEX: Ex II 1 G, Ex ia IIC T4/ T3 Ga (-22°F (-30°C) to 122°F (50°C)) IECEX: Ex ia IIC T4/ T3 Ga (Ta = -22°F (-30°C) to 122°F (50°C)) CAN/CSA: Class I, Div. 1, Groups A-D T3/T4 CE 2004/108/EC, 1999/5/EC, 94/9/EG
Protection class	IP67
Weight	depending on variant 12 oz (340 g) to 14 oz (400 g) (without battery)
Wireless frequencies	902 – 928 Mhz
Transmission power	10 mW
Radio coverage	approx. 328 ft (100 m) free field, approx. 98 ft (30 m) in indoor
Number of talk Groups	configurable, max. 10 in (25 cm) one device
Communication type	voice-activated, duplex
Batteries	2xAA batteries
Operating Time	approx. 8 hrs (Dependent on talk activity)
Ambient conditions during storage	5°F (-15°C) to 77°F (+25°C), 700 to 1,300 hPa, 10 to 95% rel. humidity

Ordering Information

Dräger FPS®-COM 7000		Order No.
Draeger FPS®-COM 7000 VA only		R 61 323
Draeger FPS®-COM 7000 with included radio interface option		Order No.
Universal cable	Compatible with over 350 different radios via external push-to-talk devices	R 61 324
Direct cable WARIS	Compatible with diverse Motorola radios with WARIS connector	R 61 325
Direct cable JEDI	Compatible with diverse Motorola radios with JEDI connector	R 61 326
Direct cable GCAI	Compatible with diverse Motorola radios with GCAI/Motrbo connector	R 61 327
Bluetooth module: Harris XG-100P	Compatible with Bluetooth-enabled XG-100P radios	R 61 329
Bluetooth module: Motorola APX	Compatible with Bluetooth-enabled Motorola APX radios	R 61 328
Accessories		Order No.
C7 configuration software with update cable		R 61 320
Holder P/RA connection		R 61 250
Safety cap		R 61 130
Additional earpiece right		R 61 180
Additional earpiece left		R 61 170
Heat protection for cables	Heat protection sleeve for protecting the radio cable Mounting aid for guiding cable on the breathing apparatus	33 51 747

Ordering Information

Mounting loops

Mounting aid for the breathing apparatus

33 37 088

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