

Dräger FPS®-COM 7000 Communication unit

The Dräger FPS®-COM 7000 provides hands-free communication for all wearers of respiratory protection devices during a mission. Excellent voice quality is achieved by removing interfering noises.



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.

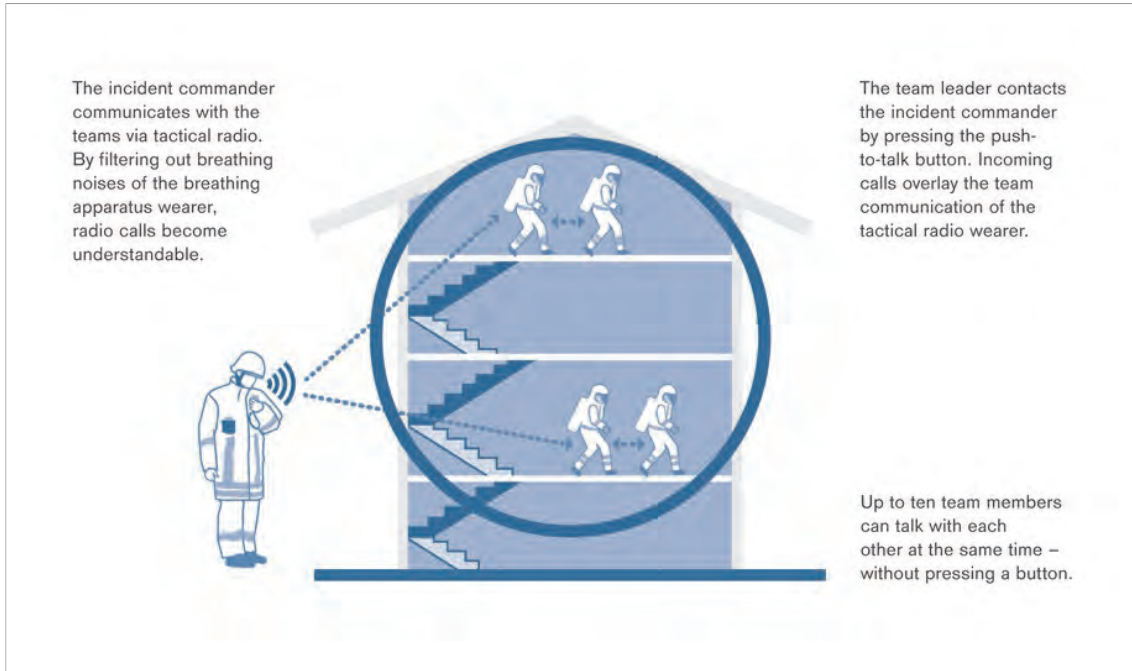
Flexibility before, during and after the mission

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

The Dräger FPS® 7000 full-face mask series sets new standards in terms of safety and wearing comfort. Thanks to its enhanced ergonomics and the availability of multiple sizes, it offers a large, optimized field of vision and a very comfortable, secure fit.

System Components

D-8339-2014



Dräger C-C440

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 C-C550

Control unit for the tactical transmitter with integrated loudspeaker and microphone. Can be hooked up to a number of receiver models. Its strong and robust design is IP67 / MIL-STD-810G approved. Allows for independent deployments with the radio receiver (also without attached headset). User-friendly with two PTT buttons. ATEX versions available (regardless of radio transmitter type).

D-4286-2010



Dräger PSS® 5000

The Dräger PSS® 5000 SCBA is a high-performance breathing apparatus for the professional firefighter. Combining advanced ergonomics with a wide range of configurable options, the Dräger PSS® 5000 provides the user with the comfort and versatility to meet the demands of first responders whenever breathing protection is required.

ST-6147-2007



Dräger PSS® 7000

Developed by professionals for professionals, the Dräger PSS® 7000 breathing apparatus is a major milestone in our continuing development of breathing devices for the professional fire fighter.

Accessories



D-1505-2016

Various radio interface options for Dräger FPS®-COM 7000

Various radio interface options for your individual application



D-1508-2016

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.



D-1506-2016

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.



D-38289-2015

C7C 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.

Related Products



D-28795-2015

Dräger FPS®-COM 5000

Because there is no time for misunderstandings in an emergency: The Dräger FPS®-COM 5000 communication unit has been specifically developed for the full-face mask Dräger FPS® 7000 and ensures clear communication through a voice amplifier unit or radio device – even under extreme conditions.

Technical Data

Approvals	EN 136 class 3 EN137 type 2 ATEX: Ex II 1 G, Ex ia IIC T4/ T3 Ga (Ta = -30 °C ... +50 °C) IECEX: Ex ia IIC T4/ T3 Ga (Ta = -30 °C ... +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 340 to 400 g (without battery)
Wireless frequencies	863–865 Mhz or 902 – 928 Mhz (Country specific, dependant on frequency allocation plan)
Transmission power	10 mW
Radio coverage	approx. 100 m free field, approx. 30 m in indoor
Number of talk Groups	configurable, max. 10 in one device
Communication type	voice-activated, duplex
Batteries	2 x AA batteries
Operating Time	approx. 8 hrs (Dependent on talk activity)
Ambient conditions during storage	-15 °C to +25 °C, 700 to 1,300 hPa, 10 to 95 % rel. humidity

Ordering Information

Dräger FPS®-COM 7000		Order No.
Dräger FPS®-COM 7000		R 61 100
Dräger FPS®-COM 7000 with positive pressure face mask		R 61 300
Dräger FPS®-COM 7000 with negative pressure face mask		R 61 350
Radio interface options		Order No.
Universal cable (4 pin)	Compatible with over 350 different radios via external push-to-talk devices	R 61 510
Direct cable WARIS	Compatible with diverse Motorola radios with WARIS connector	R 61 520
Direct cable JEDI	Compatible with diverse Motorola radios with JEDI connector	R 61 530
Direct cable GCAI/Mototrbo	Compatible with diverse Motorola radios with GCAI/Mototrbo connector	R 61 540
Direct cable Entel	Compatible with Entel HT983 and HT981 radios	R 61 560
Direct cable Sepura STP/RAC	Compatible with Sepura STP 8000/9000 radios	R 61 570
Bluetooth module Cassidian/Airbus	Compatible with Bluetooth-enabled Cassidian/Airbus TPH 900 radios	R 61 420
Bluetooth module: Selex	Compatible with Bluetooth-enabled Selex Puma T3 ATEX radios	R 61 430
Bluetooth module: Harris XG-100P	Compatible with Bluetooth-enabled XG-100P radios	R 61 480
Bluetooth module: SEPURA STP 8000	Compatible with Bluetooth-enabled Sepura STP 8000/9000 radios	R 61 460
Bluetooth module: Motorola MTP	Compatible with Bluetooth-enabled Motorola MTP radios	R 61 410

Ordering Information

Bluetooth module: Motorola APX	Compatible with Bluetooth-enabled Motorola APX radios	R 61 450
Accessories		Order No.
C7C configuration software with update cable		R 61 320
Holder PE/ESA connection		R 61 150
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	33 51 747
	Mounting aid for guiding cable on the breathing apparatus	
Mounting loops	Mounting aid for the breathing apparatus	33 37 088

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