

Dräger FPS®-COM 7000 NFPA-Certified TeamTalk Communications

The Dräger FPS®-COM 7000 provides standalone hands-free communication along with optional connection to tactical radios. Voice-activated, the FPS-COM 7000 provides full-duplex communication on one of seven user-selected channels. Up to 10 users per channel can be connected without using a tactical radio, which is especially ideal for special operations like hazardous materials response teams.



Benefits

The harshest conditions on the fire ground

When confronting the harshest conditions on the fire ground the firefighter needs a robust set of tools that clear the way for rescues, extinguishing flames, cutting through smoke, and tackling other obstacles on today's complex fire grounds.

The Dräger FPS-COM 7000 cuts through the noise, providing clear communication for teams of firefighters. Using the proven FPS 7000 full-face mask connected to a Dräger SCBA, the FPS-COM 7000 leads the field in robust features and toughness.

Independent wireless communication

While it can optionally connect with more than 350 different tactical radios, the Dräger FPS-COM 7000 offers wireless communication between wearers. Offering seven channels or groups, up to 10 firefighters can communicate with each other using the FPS-COM 7000.

Voice-activated, full-duplex communication between wearers within close proximity of each other, this means the FPS-COM 7000 allows firefighters to talk and listen as the same time, almost like a telephone or intercom.

Ideal for special operations teams

For special operations teams – like hazmat, technical rescue, rapid intervention teams, etc. – the Dräger FPS-COM 7000 allows interaction leaving both hands free to focus on the task. The TeamTalk feature works best with wearers with good radio discipline. Additionally, TeamTalk works with firefighters in close proximity to one another.

In a normal building with walls, the TeamTalk signal works ideally with wearers less than 90 feet (27.4 meters) from one another or almost 300 feet (91.4 meters) line of sight. While the unit can support up to 10 firefighters for each of seven groups, the FPS-COM 7000 works best with six or less firefighters per group.

Incident commander connections

When connected to the tactical radio, the incident commander's broadcasts break through and override TeamTalk. If only one member of a group is connected to a tactical radio, the FPS-COM 7000 can be programmed to relay the incident commander's broadcasts to the entire group. This means that only one member of the group needs a tactical radio while everyone is still informed immediately.

The large button on the left side of the Dräger FPS-COM 7000 can be programmed for push-to-talk with the tactical radio. The toggle switch just above it allows for changing the group with audio feedback to the wearer as to which of the seven groups the unit is connected.

Benefits

Noise suppression for optimum voice quality

The newly developed digital noise reduction automatically suppresses ambient noises and only transmits voice. In particular, the Dräger FPS-COM 7000 filters out breathing noise and does not transmit it via the voice amplifier, TeamTalk, or tactical radio. The integrated loudspeakers allow interact directly with the injured people and team members without radio equipment.

Programmable for specific fire department

Unlock the features of the FPS-COM 7000 by connecting it to included PC software. The push-to-talk button can be programmed for tactical radio, to trigger the voice amplifier, or one can disable the voiceactivated feature and require the button to broadcast the wearer's voice via TeamTalk.

The flexible goosenecks allow two earpieces to line up properly. The earpieces can be programmed so that TeamTalk is relayed on one ear and the tactical radio on the other. Each fire department can easily make changes as using the FPS-COM 7000 evolves, including limiting the number of groups available.

Intuitive operation and perfectly balanced

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. Different alarm tones warn of low battery status or if you are out of range from the team communication.

The unit connects seamlessly to the Dräger FPS 7000 full-face mask. The robust design balances weight distribution for wearer's comfort and will not restrict the firefighter's movement or field of view.

Flexibility before, during and after the mission

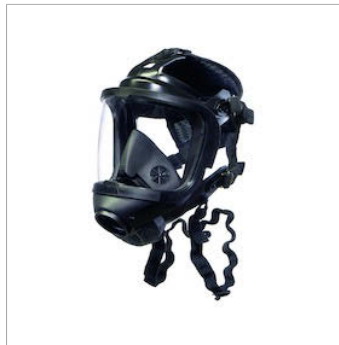
Thanks to its click connection that is easy to operate, the Dräger FPS-COM 7000 can be attached and removed in only a few steps – within seconds and without special tools. This allows greater flexibility to interchange between different face masks which can quickly be ready to operate by simply removing the protective cap.

The Dräger FPS-COM 7000 resists strong shocks and impacts. Resistant to extreme temperatures with protection class IP67, meaning the FPS-COM 7000 is waterproof and can be easily cleaned with or without removing it from the full-face mask.

Awards



System Components



D-1756-2019

Dräger FPS® 7000

The Dräger FPS® 7000 full-face mask sets the standard in safety, visibility, and comfort. Triple-sealing, the FPS 7000 comes in nine sizes and three shapes of the inner mask to ensure maximum protection by adapting to different head and face shapes.



D-9342-2014

Dräger C-C 550

This microphone/loudspeaker communications control unit connects standard tactical radios to the FPS®-COM 5000 and 7000 communication units and can also be used independently. For ease of use, the C-C550 includes two large push-to-talk buttons and a switch to transfer incoming signals to the speaker.

System Components

D-9339-2014



Dräger C-C440

Communications control unit with large Push-To-Talk button for easy handling of the radio transmitter. Tough and robust design that's waterproof (IP67) in extreme environments (MIL-STD-810G). ATEX versions are available.

D-1034-2015



Dräger PSS® 7000

Before you can protect the lives of others, you have to protect yourself. The Dräger PSS® 7000 self-contained breathing apparatus (SCBA) provides unmatched comfort, durability, and safety in the harshest environments. With unparalleled ergonomic performance, the PSS® 7000 combines trusted pneumatics, flexible fit, and cylinder Quick Connection, freeing the firefighter to concentrate on the task at hand.

D-998-2015



Dräger PSS® 5000

Effective firefighting requires trusted breathing protection in the harshest environments. The Dräger PSS® 5000 provides the budget-conscious fire department with an ergonomically advanced SCBA. With a wide range of features – such as bi-lateral hose routing and cylinder Quick Connection – the PSS® 5000 meets the needs for today's complex fire grounds.

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-38269-2015

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 more than 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

In an emergency, there is no time for misunderstanding. That's why Dräger developed the FPS-COM 5000 communication unit for NFPA-certified SCBAs. Designed to connect seamlessly to the Dräger FPS® 7000 full-face masks, this proven communication unit ensures clear communication through either a tactical voice amplifier or a radio – even in extreme conditions.

Technical Data

Approvals	EN 136 class 3 EN137 type 2 NFPA 1981, 2018 and 2013 Editions 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

Notes

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