



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.

Dräger FPS-COM 7000



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.

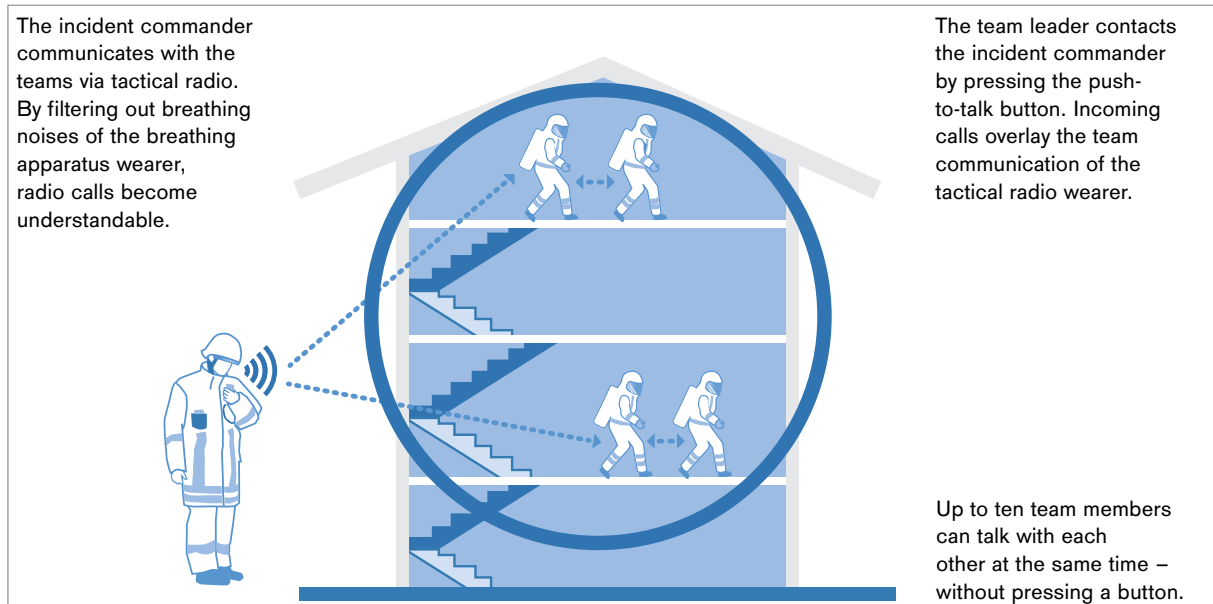
Flexibility before, during and after the mission

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

The Dräger FPS 7000 full-face respiratory protection mask sets new standards in safety and wearing comfort. Its proven design offers a wide, optimised field of vision and comfortable, reliable sealing in various sizes. The FPS 7000 RA is compatible with all Dräger X-plore 8000 powered air-purifying respirators.

System Components

D-9339-2014



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.

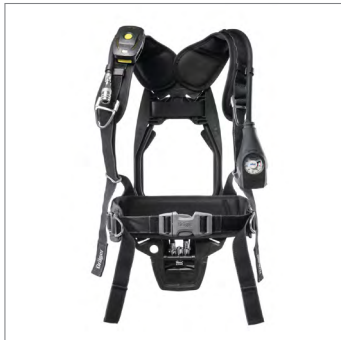
D-9343-2014



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.

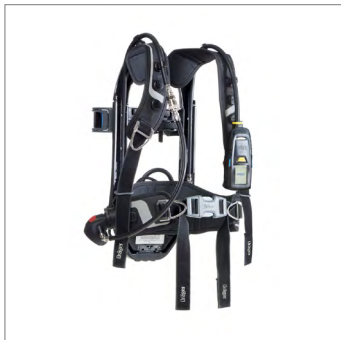
D-38071-2015



Dräger PSS 4000

The Dräger PSS 4000 is one of the lightest professional self-contained breathing apparatus for firefighters. Combining comfort with exceptional pneumatic performance, this SCBA is designed for applications where simplicity and ease of use are crucial. Lightweight yet robust, and easy to don, the PSS 4000 provides outstanding breathing protection.

D-35386-2021



Dräger PSS AirBoss

The Dräger PSS AirBoss offers best in class ergonomics and is one of the lightest weight breathing apparatus for firefighting. Lessons learned from firefighters around the world as well as latest innovations in technology have led us to design an even safer and cleaner SCBA system that enables you to breathe more easily and for longer.

Accessories

D-1505-2016



Radio cable for Dräger FPS-COM 7000

Various radio interface options for your individual application

D-1504-2016



Bluetooth module for Dräger FPS-COM 7000

The module enables the Bluetooth connection to selected radio interface options like SEPURA STP 8000, Motorola MTP or Motorola APX.

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.

Accessories

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.

D-5986-2018



"Klar-Pilot" fluid

Anti-fogging agent for suits without anti-fog disk

Related Products



D-8700-2019

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.



D-8549-2019

Dräger HPS-COM

The Dräger HPS-COM is a robust, easy-to-install communication unit for firefighting helmets. Thanks to the latest technology, it delivers excellent audio performance. You can choose between two different base units and four microphone options, suitable for a wide range of application scenarios.

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		R61100
Dräger FPS-COM 7000 with positive pressure face mask		R61300
Dräger FPS-COM 7000 with normal pressure face mask		R61350

Radio interface options		Order No.
Universal cable (4 pin)	Compatible with over 350 different radios via external push-to-talk devices	R61510
Direct cable WARIS	Compatible with diverse Motorola radios with WARIS connector	R61520
Direct cable JEDI	Compatible with diverse Motorola radios with JEDI connector	R61530
Direct cable GCAI/Mototrbo	Compatible with diverse Motorola radios with GCAI/Mototrbo connector	R61540
Direct cable Entel	Compatible with Entel HT983 and HT981 radios	R61560
Direct cable Sepura STP/RAC	Compatible with Sepura STP 8000/9000 radios	R61570
Bluetooth module: SEPURA STP 8000	Compatible with Bluetooth-enabled Sepura STP 8000/9000 radios	R61460
Bluetooth module: Motorola MTP 6000	Compatible with Bluetooth-enabled Motorola MTP 6000 radios	R61490
Bluetooth module: Motorola APX	Compatible with Bluetooth-enabled Motorola APX radios	R61450
Bluetooth module: Motorola DP 4xx1e	Compatible with Bluetooth-enabled Motorola DP 4xx1e radios	R61410

Accessories		Order No.
C7 configuration software with update cable		R61320
Holder PE/ESA connection		R61150
Holder P/RA connection		R61250
Safety cap		R61130
Additional earpiece right		R61180
Additional earpiece left		R61170
Heat protection for cables	Heat protection sleeve for protecting the radio cable Mounting aid for guiding cable on the breathing apparatus	3351747
Mounting loops	Mounting aid for the breathing apparatus	3337088

Not all products, features, or services are for sale in all countries. Trademarks mentioned herein are the property of its respective owner. Trademarks may be owned by Drägerwerk AG & Co. KGaA (Dräger) or its affiliates in certain countries and not necessarily in the country in which this material is released. Visit www.draeger.com/trademarks for the current status of Dräger's trademarks.

Corporate Headquarters

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany
■ www.draeger.com

Region Europe

Dräger Safety AG & Co. KGaA

Revalstraße 1
23560 Lübeck, Germany
☎ +49 451 882 0
☎ +49 451 882 2080
✉ info@draeger.com

Region Asia Pacific

Dräger Singapore Pte. Ltd.

61 Science Park Road
The Galen #04-01
Singapore 117525
☎ +65 6872 9288
☎ +65 6259 0398

Region Middle East, Africa

Dräger Safety AG & Co. KGaA

Branch Office
P.O. Box 505108
Dubai, United Arab Emirates
☎ +971 4 4294 600
☎ +971 4 4294 699
✉ contactuae@draeger.com

Region Central and South America

Dräger Indústria e Comércio Ltda.

Al. Pucurui - 51 - Tamboré
06460-100 - Barueri - São Paulo
☎ +55 (11) 4689-4900
✉ relacionamento@draeger.com



Locate your Regional Sales Representative at:
www.draeger.com/contact