

Dräger FPS-COM-PLUS

Integrated communication unit for the Dräger FPS 7000 full face mask

Because there is no time for misunderstanding in an emergency: The Dräger FPS-COM-PLUS communication unit was specifically developed for the Dräger FPS 7000 full face mask. It is mounted to the visor frame and is therefore fully integrated. For clear audibility by voice amplifier or radio – even under extreme conditions.



VOICE ONLY – NOTHING ELSE

The microphone of the FPS-COM-PLUS picks up the wearer's voice inside the mask. This makes it possible to communicate without any interference, even with loud ambient sound. The newly developed digital noise reduction technology filters out any interference that may reach the microphone inside the mask or any acoustic feedback that may occur. In particular, pure breathing sounds are not transmitted to the voice amplifier or the radio. This allows you to concentrate fully on the radio message.

NO UNINTENTIONAL SWITCHING ON AND OFF

The ON/OFF switch of the FPS-COM-PLUS can only be operated by applying deliberate pressure to the switch. It is also equipped with a protective rim on one side. This avoids the accidental switching off, of the communication unit while working. Despite these precautions the switch can be easily operated: even with thick gloves.

HIGH RELIABILITY, LOW COSTS

You forgot to turn off the FPS-COM-PLUS after work? Not a problem: the communication unit shuts off automatically, if no breathing sounds are received by the microphone for at least ten minutes (after a pre-notification signal). The automatic

shutoff, after a three time prewarning, increases battery life, lowers maintenance costs, and ensures the equipment is ready for use when needed.

OPEN TO DIFFERENT COMMUNICATION CHANNELS

Use the attached jack to connect the FPS-COM-PLUS to your radio via the external Dräger C-C400 push-to-talk button or the Dräger C-C500 remote speaker microphone (RSM). Alternatively, you can connect the FPS-COM-PLUS directly to the radio and use the built-in push-to-talk button.

SIMPLE ASSEMBLY, WITHOUT SPECIAL TOOLS

With the newly developed click-lock system, the FPS-COM-PLUS is attached and removed in just a few steps. When cleaning the mask manually the communication unit does not need to be removed, due to the fact that the FPS-COM-PLUS is IP67 (meaning the unit is protected against the ingress of water or humidity).



Dräger FPS-COM-PLUS



Dräger FPS-COM-PLUS ON/OFF switch

PERFECT FIT FOR CLEAR WORDS

The earpiece must be as close as possible to the ear to make sure important information is not lost and that no radio messages need to be repeated when responding to an emergency. The flexible gooseneck earpiece of the FPS-COM-PLUS can therefore be positioned to suit your head shape – for a perfect fit and excellent audio quality.

ADDITIONAL ADVANTAGES:

- Easy to operate
- Low profile design for unobstructed view
- Built to resist shocks and impact
- Easy to see, bright LED lights:
 - green (ready),
 - red (not ready)
- Clear warning signal at 25% or 10% of remaining battery capacity (standard AAA)
- Easy retrofitting of existing FPS 7000 masks by replacing the lower visor frame*
- Approvals:
 - ATEX for use in explosive areas (Zone 0),
 - EN 136, and EN 137 Type 2 (equipment for fire-fighting)
- External surround sound
- Can be ordered assembled to mask
- Compatible to the helm-mask-adapter
- Available direct cables :
 - Waris, Jedi, Entel und Niros



D-10397-2011

Earpiece with flexible gooseneck - Perfect positioning regardless of head shape



D-10472-2011

Quick and easy mask change thanks to click-lock system



D-12305-2011

Voice amplifier can be switched on and off in case of wearing under a Chemical protection suit



D-10425-2011

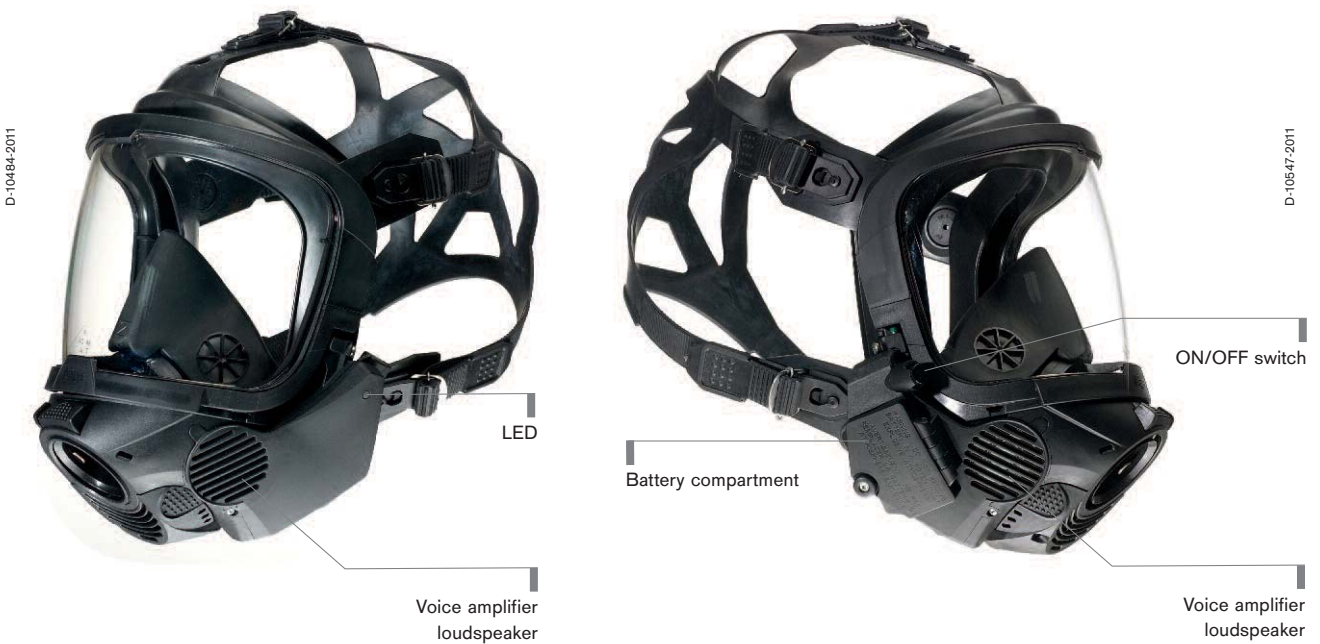
Energy saver - automatic shutoff after 10 minutes

* All 2011 masks are already equipped with the new visor frame for the Dräger FPS-COM-PLUS. Please check deliveries from Q4/2010.

DRÄGER FPS-COM-PLUS VA R-C (WITH VOICE AMPLIFIER AND RADIO CABLE)



DRÄGER FPS-COM-PLUS VA (WITH VOICE AMPLIFIER)



Right side of all communication units

TECHNICAL DATA

Dräger FPS-COM-PLUS

Weight	depending on model 250 - 320 g (without battery)
Approvals	
ATEX:	II 1G Ex ia IIC T5/T4 Ga (-30°C ≤ Ta ≤ +40°C/+60°C) II 1D Ex ia IIIC T95°C/T130°C Da IP6x (-30°C ≤ Ta ≤ +40°C/+60°C)
IECEx:	Ex ia IIC T5/T4 Ga (-30°C ≤ Ta ≤ +40°C/+60°C) Ex ia IIIC T95°C/T130°C Da IP6x (-30°C ≤ Ta ≤ +40°C/+60°C)
EN:	EN 136 Klasse 3, EN 137
Battery	
types:	AAA, Duracell PLUS or Duracell PROCELL (only due to ATEX approval)
Operation time:	4 to 24 hours (depending on usage profile, the operating time may be greatly reduced at extreme temperatures).
Ambient conditions	
for storage:	-15°C to +25°C, 700 to 1300 hPa, 10 to 95% rel. humidity
Protection class:	IP 67

ORDER INFORMATION

	Order No.
Dräger FPS-COM-PLUS VA	R 58 700
Dräger FPS-COM-PLUS VA R-C	R 58 800
Lower visor frame for FPS 7000	R 56 227
Voice membrane for FPS-COM-PLUS	R 58 041
Battery (2x AAA)	R 56 812
Earpiece	R 58 454
Snap hook	R 58 050
Battery cover seal	R 57 895
Seal for radio connection	R 56 997
Blind cap	R 58 773
Removal tool	R 58 780
Cover screw	R 58 772

When ordering, always indicate the mask connector (RA PE, ESA or P).

Please request the 1412.953 Dräger FPS-COM-PLUS spare parts list to order replacement or spare parts.

HEADQUARTERS

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