

## Communication System

- Dräger HS-1 COM
- Dräger HS-2 COM
- Dräger HS-1 Compact COM



The Dräger HS-1 COM, HS-1 Compact COM and HS-2 COM helmet communication units are durable and light weight accessories for professionals working in extreme conditions using helmets and (SCBA) face masks. They provide clear and reliable "hands-free" communication.

The bone conduction mic speaker combinations comfortably mount in most types of helmets and make a perfect combination with breathing masks, too.

The newly designed Dräger HS-1 Compact COM has a shorter mounting arm which enables an optimal positioning on the head for a better transmission. It fits easily in the new helmet Dräger HPS 6100.

The bone conduction microphone is voice sensitive and inside the helmet it is protected from wind, water, wear and tear. Ideal for fire and emergency services, special forces, etc.

Dräger HS-1 COM, HS-1 Compact COM and HS-2 COM connects through the Dräger COM-Control-Unit (PTT) to most types of hand portable radios. The unit is intrinsically safe.

## Technical Data

<b>Weight:</b>	84 g (HS-1), 85 g (HS-1 Compact), 100 g (HS-2)	
<b>Microphone:</b>	Type:	bone conduction, vibration sensitive
	Impedance:	3900 ! @ 1 kHz
	Noise reduction:	45 dB
<b>Speaker:</b>	Impedance:	180 ! (HS1) / 360 ! @ 1 kHz (± 15%)
	Distortion:	typically less than 2%, 300 Hz...4 kHz
<b>Cable/Connector:</b>	Coiled cable:	Ø 4 mm/270 mm, PUR, flame retardant
	Straight cable (optional):	Ø 4 mm/1000 mm, PUR, flash-over proof
	Connector:	4-pole quick release plug
<b>Environmental:</b>	Intrinsic safety class:	ATEX eEX ib lib T4
	ESD, EMI immunity:	Confirms with the ETS 3000 279, 1996
<b>Accessories (incl.)</b>	Universal mounting kit (only HS-1 and HS-1 Compact) Short universal mounting kit (only HS-1 Compact, especially for HPS 6100 and HPS4100) Gallet mounting kit (HS-1, HS-1 Compact + HS-2)	

## Order List

Dräger HS-1 COM	R 35 022
Dräger HS-1 Compact COM	R 35 005
Dräger HS-2 COM	R 35 023
Dräger COM-Control-Unit depending on radio, see pricelist	

**Dräger Safety AG & Co. KGaA**  
Revalstrasse 1  
D-23560 Luebeck  
Germany  
Tel. +49 451 882 - 0  
Fax +49 451 882 - 20 80  
www.draeger-safety.com

#### **DrägerService**

Dräger equipment must always be fully operational and safe. DrägerService offers a regular inspection service and is quickly available in the event of malfunction. Your equipment will be repaired and back in operation as quickly as possible. DrägerService facilitates the vital flow of information between client and manufacturer.

#### **Dräger Expertise**

Since 1889, Dräger has had an outstanding reputation for solving problems in the field of human breathing. Dräger has been deeply involved in the handling of gases, in particular hazard protection and the saving of life in medical and industrial emergencies. Many of the company's 9500 employees are active in research and innovation to ensure that the latest techniques and scientific advances are fully tested before their inclusion in new equipment.



#### **Dräger Worldwide**

The Dräger sales and service organisation is spread throughout the world. It comprises more than 25 subsidiaries and associated companies to ensure that Dräger is always within easy reach of its clients and in close contact with all important markets. Dräger's ever increasing market share demonstrates the company's international competitiveness and strength.

Dräger has subsidiaries in the following countries: Australia, Austria, Belgium, Bulgaria, Canada, China, Croatia, Czech Republic, Denmark, France, Great Britain, Hungary, Indonesia, Italy, Japan, the Netherlands, Norway, Romania, Singapore, Slovenia, Slovakia, South Africa, Spain, Sweden, Switzerland, Thailand, Yugoslavia, USA. Additionally, Dräger is widely represented in Central and South America, Africa, the Middle East, the Far East and Eastern Europe.

#### **Quality and Environmental Management**

Our mission includes the continuous improvement of our Quality and Environmental Management Systems in accordance with ISO 9001 and ISO 14001.