

DOSEEM DSM-1 & DSHUD-1 Communication Mask

Communication mask is a positive-pressure mask that adopts a single-eye window and a double-layer annular seal, and has the characteristics of wide vision and good transparency. The main frame of the face mask is made of silicone rubber material and has a small mouth nasal mask which is attached to the nose and mouth. It can enhance the communication mask effective breathing space and reduce respiratory resistance. The face mask is made of polycarbonate, which is always clear, bright and fog-free during use. The head cover is connected with the fast clip with the tightening belt, and the tightening belt can be tightened to make the face mask double seal ring close to the wearer's face so as to ensure the safety of the user's breathing.

The communication mask is used with a walkie-talkie to achieve a long-distance call function of at least 1000 meters.



ADVANTAGE

Including communication equipment, easy to operate

The loudspeaker communication device is used with the mask to realize the communication function. Press the PTT button to send voice through the intercom and release the button to end the call.

Long call duration

The use of the walkie talkie enables you to keep in touch with your colleagues for a long time during the mission. Use for hours, even during complex tasks, you can discuss your follow-up steps with your colleagues.

Easy to assemble without special tools

With the newly developed locking system, the installation and removal of the air supply valve can be achieved in just two steps. In addition, since the communication device has a waterproof and moisture-proof function, manual cleaning can be performed without disassembly.

Kevlar head net, five-strap head-harness

Easy to wear and remove quickly, without wrapping your hair. In addition, the headband is not only flame retardant, but also has a wide design to prevent pressure points on the head and increase comfort.

Perfect fit, clear voice

The headset must be as close to the ear as possible, avoiding missing important information at work and repeating the transmission. DOSEEM bendable headset can be adjusted to your head shape, not only for perfect fit, but also for clear communication quality. The microphone collects the wearer's voice directly from inside the mask. Even if the ambient sound is noisy, communication will not be disturbed.

Other advantages:

- Low profile design, does not affect the field of view
- Rugged and scratch-resistant
- Anti smoke and poison gas
- Safe, comfortable and adaptable to wear
- External surround sound
- A clear warning signal is issued when the battery (standard AAA) has only 25% or 10% remaining



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COMMUNICATION MASK TECHNICAL DATAS

Name	Communication mask
Model	DSM-1+DSHUD-1
Material	Polycarbonate + Glass fiber
Face silica gel / Oral Mask silica gel	Silica gel / Elastomer TPE
Head strap	Aramid / Head net type
Interface	Bayonet type
Suction resistance	≤500Pa
Expiratory resistance (25 times/min)	≤700Pa
Expiratory resistance (40 times/min)	≤1000Pa
Protection level	IP67
Explosion-proof grade	Ex ia IIC T4 Ga
Transmit power	4mW
Speaker	8 ohm
Operating temperature	-30~+60°C
Lens transmittance	96%
Total visual field retention	80%
Binocular visual field retention	66.7%
Mask CO2 content	0.88%
Lower horizons	>35°
Weight	738g
Size	250mm * 185mm * 125mm
Accessories	Microphone shell, manual, 2 Section on the 1.5V E92 AAA 7th batteries

CHECK THE MASK AIRTIGHTNESS:

Wear a mask and cover the interface of the mask with the palm of your hand. Take a few deep breaths without opening the cylinder valve. If you feel breathing difficulties, it means that the mask has good air tightness, otherwise it is the opposite.

MAINTENANCE

The mask should be cleaned with mild neutral detergent and disinfectant lotion, then thoroughly rinsed with clean water and dried naturally. Do not soak the mask in alcohol disinfectants for a long period of time and do not use steam for disinfection. Check that the fastenings are in good order.

TIPS:

- The mask should be used after the air supply valve is installed;
- Beard and hair buns can also affect the fit between the mask and the face, thereby affecting airtightness. Therefore, to ensure the cleanliness of the face when wearing inspections;
- Neutral disinfection, sterilization cleaning liquid formulation ratio: use two tablespoons of chlorine bleach and 4 liters of water mixed or 70% ethanol, methanol or isopropyl alcohol solution as a cleaning agent;
- Care must be taken when cleaning the mask. Do not use corrosives or coarse-grained detergents. Avoid using acetone, benzene, banana water, dry-cleaning solvents, strong phenol, wood-tarpaulin, and chloroform to clean the windows, so as To avoid damage or soften the window;
- Equipment must be inspected at regular intervals, and always after use in practice or in an emergency. It should never be stowed when wet or dirty.

Manufacturer

Tel: +86-21-67329826

E-mail: info@doseem.com

Web: <https://www.doseem.com>

Add: No.599 Hong'an Rd, Jinshan, Shanghai



Wechat official



Official website