

# SMOKE DIVER KIT

## SDK-10



### 1. Helmet-Com Unit

- ATEX Approved
- IECEx Approved
- Hands free communication
- Bone connection microphone

Part No. B00231



### 2. Push to Talk unit

- ATEX Approved
- IECEx Approved
- Adapts headset to two-way radio
- Large tactile "glove friendly" PTT button

Part No. B00569



### 3. Two-way portable radio

- ATEX Approved
- IECEx Approved
- Analog UHF Radio
- Frequency setting available as request

Part No. B00197

All Smoke Diver Kit components are ATEX / IECEx Approved

Seanet Co., Ltd supplies Smoke Diver Kit for the fire fighter's two-way portable radio communication. Smoke Diver Kit makes a perfect combination with fire fighter's breathing mask. This is the ideal communication solution for fire and rescue, special task operations on the vessel or offshore platform. We will be pleased to provide data sheet of complete items on request.

# MSC.338 (91) Rule Regulation

For ships constructed on or after 1 July 2014, minimum of two(2) sets of two-way portable radiotelephone apparatus for each fire party for fire-fighter's communication shall be carried on board. Those two-way portable radio-telephone apparatus shall be of an explosion-proof type or intrinsically safe. Ships constructed before 1 July 2014 shall comply with the requirements of this paragraph not later than the first survey after 1 July 2018.

Micro Phone

Speaker

HC-1

Installation Guide

**Specification**

1. Weight : 0.085kg
2. Operating Temperature : -25°C to +63°C
3. Ingress Protection : IP56
4. ATEX Marking : II 2 G Ex ib IIC T4 Gb / II 2 D Ex ib IIIC T110°C Db
5. IECEx Marking : Ex ib IIC T4 Gb / Ex ib IIIC T100°C Db
6. Audio Output : 82dB+ / -2dB / 0.2W / 0.5m

Part No. B00231

PTT BUTTON

PERSPECTIVE VIEW

TOP VIEW

FRONT VIEW

**Specification**

1. Weight : 0.14kg (with the Connector Cable)
2. Operating Temperature : -40°C to +85°C
3. Storage Temperature : -25°C to +85°C
4. Humidity : 100%+40°C / 21days
5. ESD,EMI Immunity : Conforms to EN 301 489-1 and EN 301 489-18
6. Ingress Protection : IP67
7. ATEX Marking : II 2 G Ex ib IIC T4 Gb / II 2 D Ex ib IIIC T110°C Db
8. IECEx Marking : Ex ib IIC T4 Gb / Ex ib IIIC T100°C Db

Part No. B00569

Antenna

LED Indicator

PTT Key  
Push and Hold to transmit or release to receive signal.

Up Key  
Select the channel or scroll menu function.

Down Key  
Select the desired channel or scroll menu function.

ON-OFF/Volume Knob  
Turn the Power/Volume control knob clockwise to turn the radio on.

Speaker

Microphone

LCD Display

Menu/Select Key

Belt Clip

**Specification**

1. Frequency Range : 403 ~ 470 MHz
2. Channels : 255 Channels
3. Channel Spacing : 12.5kHz/25kHz
4. Operating Temperature Range : -20°C to +45°C
5. Weight : 0.285kg (with Rechargeable Battery)
6. ATEX Marking : Ex ib IIC T4 Gb II 2 G Ex ib IIC T4 Gb
7. IECEx Marking : Ex ib IIC T4 Gb
8. Output : 2W
9. Modulation : 8K50F3E / 16K0F3E

Part No. B00197