

## A600DU INTRINSICALLY SAFE MARINE RADIO



### 1. Helmet-Com Unit

- Hand free communication
- Bone connection microphone
- ATEX IIC T5



### 2. Push to Talk unit

- ATEX IIC T5
- IP67
- Adapts headset to two-way radio
- Large tactile "glove friendly" PTT button



### 3. Digital Intrinsically Safe Radio

- ATEX Ex ib IIB T4 Gb
- Compliant SOLAS Convention
- EU ATEX Intrinsically Safe Standard
- Analog UHF Radio
- IP56

HZH MARINE GROUP 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) Regulation

For ships constructed on after 1 July 2014, minimum of two 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.

**Specification**

1. Weight : 64g
2. Operating Temperature : -25°c to +63°c
3. Mis : vibration sensor, noise attenuation 30dB
4. Speaker : 32ohm, air tube transfer
5. Cable : straight line (flame retardant):4.2mm/750mm
6. Connector : 6pin quick plug-in type
7. Operation voltage : 2,5...10,0vdc
8. Humidity : 95%RH,+63°C,500 hours (continuous)

HC-1

Installation Guide

PTT BUTTON

PERSPECTIVE VIEW

TOP VIEW

FRONT VIEW

**Specification**

1. Weight : 180g (with the Connector Cable)
2. Material : polycarbonate, silicone rubber
3. Cable : 4.3mm spring line(flame retardant)
4. Connector : 6 core quick plug-in type
5. Operating Temperature : -25°c to +60°c
6. Operation voltage : 3.7vdc(M3-A/M3-W)
7. IP Grade : IP67
8. Humidity : 95%RH,+63°C,500 hours (continuous)
9. Size : 87\*68\*42mm

**Specification**

1. Weight : 258g (with Rechargeable Battery)
2. Operating Temperature Range : -20°c to +60°c
3. Grade : IP56
4. Explosion proof level : ATEX Ex ib IIB T4 Gb
5. Transmitter power(Hi/Lo)(radiated) : 5W/1W

**CHANNELS AND FREQUENCIES**

1. Frequency Range : 400-470MHz
2. Channel capacity : 32
3. Channel spacing : 12.5KHz/20KHz/25KHz
4. Frequency stability : ±10ppm