



Rescue &
Emergency

EMERGENCY COMMUNICATION UNITS

MARINE COMMUNICATION ZXF-HM1000



Description

The ZXF-HM1000 is an explosion-proof marine communication unit designed for firefighters and emergency responders onboard ships. It uses bone-conduction technology to pick up voice vibrations directly from the skull, ensuring clear communication even in extremely noisy marine environments.

The lightweight, flame-retardant design is optimized for use with marine respirators and protective gear, while the high-precision vibration sensor and noise-reduction circuitry enable reliable voice transmission during shipboard fires, confined-space operations, and rescue scenarios.

Compliant with IMO standards MSC.338(91), MSC.149(77) and IEC61097-12, the device meets international maritime safety requirements.

Features



**Bone Conduction
Communication**



**PTT button
(Push-to-Talk)**



**Explosion-proof
(Ex ib IIC T4)**



Waterproof / IP67



**Noise reduction /
Noise suppression**



**Marine Firefighting /
Ship Safety**



LED Flashlight



Lightweight / Portable



**Glove-Friendly
Operation**



**Respirator /
SCBA Compatible**

FortiSec.
Web: www.fortisecppe.com
Email: sales@fortisecppe.com

FortiSec
Fortress of Safety





Rescue &
Emergency

EMERGENCY COMMUNICATION UNITS

MARINE COMMUNICATION ZXF-HM1000

Specification

Category	Specification
Product Type	Marine Bone Conduction Communication Unit
Explosion-Proof Rating	Ex ib IIC T4
Protection Level	IP67
Operating Temperature	-25°C to +63°C
Operating Voltage	2.5-10.0 VDC
Weight	75 g
Technology	Bone-conduction voice pickup
Noise Reduction	Digital noise-suppression circuitry
PTT Button	Oversized, glove-friendly
Flashlight	Integrated high-brightness LED
Compatibility	Marine SCBA masks & respirators
Standards Compliance	MSC.338(91), MSC.149(77), IEC61097-12
Environment	Suitable for ship firefighting, confined spaces & marine emergencies

FortiSec.
Web: www.fortisecppe.com
Email: sales@fortisecppe.com

FortiSec
Fortress of Safety

