MOTOTRBO™ DIGITAL TWO-WAY RADIOS ENSURE SAFETY FOR MARITIME OPERATIONS

When sailing in unpredictable seas, clear communication is a critical safeguard for crew safety. Built to withstand harsh working conditions, the MOTOTRBO digital two-way radios and accessories are effective for use in maritime operations including patrolling, disaster relief, and maritime transport. They also offer the proven durability that meets the new requirements enforced by the Safety of Life at Sea (SOLAS) regulations.

GET COMPLIANT WITH THE SOLAS CHAPTER II-2 REGULATION 10.10.4

Starting in 2014, the International Maritime Organization (IMO) requires all vessels to conform to the new regulation to be equipped with at least one set of two-way radios for fire-fighting communications. This means your vessel must carry a minimum of two intrinsically-safe devices on board by 1 July 2018.

With MOTOTRBO digital two-way radios by Motorola Solutions, you have a future-proof investment that ensures no interruptions to your shipping operations. This tough communication tool can also help your fire crews to save lives and vessel should a fire breaks out.

MOTOTRBO XiR P6600i TIA SERIES, XiR P8600i* TIA SERIES AND XiR P8600EX SERIES

The MOTOTRBO radios meet the TIA safety certification standards for safe operation in hazardous environments. Water resistant with anti-dust function and highest **ATEX gas explosion group rating, they also passed the ***IEC 60529 international protection grade certification and many other rigorous environmental tests required by military standards. These portables radios also comply with the IP67 standard for dust and water intrusions. Even under the impact of high water column pressure, these devices continue to function well, allowing ship crews to remain in contact and increasing their safety and productivity.

FOR USE IN HAZARDOUS LOCATIONS (HAZLOC), CRUCIAL INSTANTS AND CRITICAL RESCUES

The MOTOTRBO radios have obtained the TIA4950 certification for use in hazardous locations. During crisis situations in maritime operations and fire & rescue missions, they provide clear communication and timely coordination to help personnel safely evacuate from hazardous areas.

PERFECT ACCESSORIES FOR MOTOTRBO DIGITAL TWO-WAY RADIOS

The MOTOTRBO radio accessories, such as remote speaker microphones (RSMs) and headset microphones, also comply with TIA standards for anti-dust and water resistance to enhance safety. They provide both the convenience and high-quality communication required in various maritime scenarios.

*XiR P8600i series two-way radios can meet IP68 standards
**Applicable to XiR P8600EX ATEX series two-way radios
***Applicable to XiR P8600i and XiR P8600EX series two-way radios

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MOTOTRBO DIGITAL TWO-WAY RADIOS AND ACCESSORIES COMPLY WITH CHAPTER II-2 OF THE SOLAS CONVENTION.

	MOTOTRBO XiR P8600EX Series	MOTOTRBO XiR P8600i TIA Series	MOTOTRBO XiR P6600i TIA Series
Transmitter specifications	Channel spacing 12.5, 20, 25 kHz	Channel spacing 12.5, 25 kHz	Channel spacing 12.5, 25 kHz
Receiver specifications	Analog sensitivity (12 dB SINAD) 0.25 uV	Digital sensitivity (5% BER) 0.14 uV	Digital sensitivity (5% BER) 0.14 uV
Audio specifications	Audio response TIA603C	Audio response TIA603D	Audio response TIA603D
IP specifications	IP67	IP68	IP67
Environmental specifications	Packaging test MIL-STD 810D and E US military standards MIL-STD 810C, D, E, F, and G	Packaging test MIL-STD 810D and E US military standards MIL-STD 810C, D, E, F, and G	Packaging test MIL-STD 810D and E US military standards MIL-STD 810C, D, E, F, and G
Remote Speaker Microphone	**PMMN4094** IMPRES ATEX Active Noise Cancelling with large front PTT and side PTT, volume control, emergency button, programmable button, Nexus jack.	**PMMN4113** IMPRES Windporting equipped with 4-pole Nexus jack, emergency button, and programmable button. Front and side PTT buttons.	**PMMN4076** Windporting with 3.5mm audio jack, small (IP54)
Audio Accessories	**RMN5123** ATEX HC-1 Headset	**GMMN4585** SAVOX HC-1 Helmet-COM® Single skull microphone/single earpiece	**MDRLN4885** Earbud with 3.5mm plug
	PMLN7188 3.5mm jack earpiece with trans tube	**PMLN7188** 3.5mm jack earpiece with trans tube	**WADN4190** Ear receiver with coil cable & 3.5mm plug

For more information on how to communicate safely in unsafe places, visit motorolasolutions.com.

Or find your closest Motorola representative or authorized partner.

Specifications are subject to change without notice. The listed specifications are general specifications.

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