zenitel

NEW DIGITAL
Radio Models

MOTOTRBO R7
series two-way radio

MOTOROLA SOLUTIONS

PLATINUM RESELLER

MOTOTRBO R7

series two-way radio

Clear communication in challenging
maritime and offshore environments

**A Game-Changer for Communications
in the Noisiest Environments.
Experience the next level of sound
clarity and noise cancellation.**

Introducing the cutting-edge MOTOTRBO R7 – a series of
rugged and dependable portable two-way radios. These
innovative radios are designed to provide your maritime and
offshore teams with outstanding noise cancellation, loudness,
and crystal-clear communication, ensuring that safety and
efficiency are never compromised.

Key features & benefits

Crystal-Clear and Loud Audio.

MOTOTRBO R7 series offers reduced distortion and improved noise
cancellation thanks to its adaptive dual microphone noise suppression.
Intelligent technology ensure a seamless voice experience by eliminating
nearby radio feedback and automatically adjusting the speaker volume
based on the background noise level.

Performance You Can Rely On.

IMPRES technology delivers an impressive battery life of up to 28 hours.
The R7 models ensure minimal downtime and excellent signal strength.
These radios are equipped with Wi-Fi 2.4 and Bluetooth 5.2 and work at
UHF and VHF frequency ranges.

Optimized for Harsh Environments.

Built to military standards MIL-STD 810, the MOTOTRBO R7 series can
withstand water jet sprays, dust, and drops, confirmed by both IP68 and
IP66 ratings. It can operate in temperatures ranging from -30 °C to 60 °C.

Intuitive User Experience.

The models can be easily calibrated independently and offer simple
configurations and extensive interoperability options. To ensure secure
operations, radios come with built-in protection against unauthorized
access and interception.

Ergonomic Design.

The R7 radios are delivered in ergonomic and rugged form factor, one
version comes complete with a clear QVGA 2.4-inch display and a full
keypad. These models are easy to clean and resistant to moisture and
dust.

Maritime Approved.

Zenitel supplies many critical communications solutions based on the
R7 series that meet the strictest requirements and regulations for the
maritime segment and obtain maritime approvals.

Built to outperform your expectations

Explore the MOTOTRBO R7 MODELS

MOTOTRBO R7, UHF 400-527MHz, 4W, 12.5/20/25kHz, FKP, BT, WIFI, GNSS Premium

MOTOTRBO R7, UHF 400-527MHz, 4W, 12.5/20/25kHz, FKP, BT, WIFI, GNSS Capable

MOTOTRBO R7, UHF 400-527MHz, 4W, 12.5/20/25kHz, NKP, BT, WIFI, GNSS Premium

MOTOTRBO R7, UHF 400-527MHz, 4W, 12.5/20/25kHz, NKP, BT, WIFI, GNSS Capable

MOTOTRBO R7a, UHF 400-527MHz, 4W, 12.5/20/25kHz, NKP, No BT, No WIFI, No GNSS

MOTORBO R7 MODELS – EMEA HIGH LEVEL COMPARISON

Fiature Proposal	R7a (NKP)	R7 CAPABLE (NKP / FKP)	R7 PREMIUM (NKP / FKP)
Default 0 Price Battery	2450mAh Core Battery	2200mAh IMPRES Slim Battery	2200mAh IMPRES Slim Battery
Basic Privacy	✓	✓	✓
Enhanced Privacy	✓	✓	✓
UL TIA 4950 Option	✓	✓	✓
GCAI MINI Accessory Connector	✓	✓	✓
One Time Activation (Regionalisation)	Not Required	Required	Required
Option Board Capable (After Market)	✗	✓	✓
Main Down / Fall Alert	✗	✓	✓
DINC (Dual Input Noise Cancellation)	✗	✓	✓
BlueTooth 5.1	✗	Charged Licence Key – Optional	✓
Wi-Fi 2.4 & 5Ghz	✗	Charged Licence Key – Optional	✓
GNSS	✗	Charged Licence Key – Optional	✓
Indoor Location	✗	Charged Licence Key – Optional	✓
BT accessory commands	✗	Charged Licence Key – Optional	Charged Licence Key – Optional
AE8 256 Encryption	Charged Licence Key – Optional	Charged Licence Key – Optional	Charged Licence Key – Optional
Audio Recording	✗	Charged Licence Key – Optional	✓
BT Generic Sensor	✗	Charged Licence Key – Optional	✓
Radio Smart App	✗	Charged Licence Key – Optional	✓

Designed for reliable performance today Ready for the future challenges

Zenitel supplies MOTOTRBO R7 solutions and a wide range of accessories that will help optimize the solution to our customers' specific needs and improve comfort and productivity.

PMLN8085A, Behind-the-Head Headset, GCAI Mini
PMLN8086A, Over-the-Head Headset, GCAI Mini
PMLN8265A, Over-the-Head Headset, NEXUS
PMLN8266A, Behind-the-Head Headset, NEXUS
PMLN8267A, Hardhat Mount Headset, NEXUS

WHY ZENITEL?

You need systems that work. Every time. We provide reliable and resilient integrated communication solutions. We understand that the safety and efficiency of your most valuable resource – your employees – is key to your success.

We're specialists in the maritime and energy segments: we know the ocean industry, and we speak your language. Our innovative solutions for critical and intelligent communication deliver reliable performance in all conditions. We also understand your need to safeguard your assets, whether it is an ocean-going vessel or an energy plant. That's why we offer integrated communication solutions that enable seamless information sharing, so you can make better decisions more quickly.

Our systems and solutions provide high availability, scalability, reliability, maintainability and cyber defensibility. Our flexible and innovative solutions for intelligent communication, data, safety and entertainment systems deliver reliable performance in all conditions.

System "Remote Control" via VPN	Training	24/7 Service	Service agreements	Type-approved systems
Innovative technology	Monitoring of system solution with follow-up on sailing ships	Spare parts policy	Extended warranty terms	Crew training program

Scan to see all Two-Way Radio Products

A100K12250   22.11.2023   www.zenitel.com | maritime@zenitel.com