

# **Middle East & Africa Land Mobile Radio Market Forecast to 2030 - Regional Analysis - by Type (Handheld and In-Vehicle), Technology (Analog and Digital), Frequency (25 - 174 VHF, 200 - 512 UHF, and 700 MHz and Above), and Application (Commercial, Industrial, Public Safety & Government, and Military)**

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## **Abstracts**

The Middle East & Africa land mobile radio market was valued at US\$ 314.40 million in 2022 and is expected to reach US\$ 688.86 million by 2030; it is estimated to grow at a CAGR of 10.3% from 2022 to 2030.

Rising Integration with Advanced Technologies fuel the Middle East & Africa Land Mobile Radio Market

5G, when combined with technologies such as mobile edge computing and IoT, can improve workplace efficiency and safety, and new solutions such as machine automation or video analytics for quality control or security can be developed. However, the industry does not need to go entirely IP-based and virtual overnight. Operators such as Orange have declared to integrate 5G into industry solutions, while Mastercom collaborates with partners to provide broadband alongside analog radio. Companies such as Motorola Solutions and Tait Communications are developing systems that handle both LMR and broadband communications. For instance, Motorola's MOTOTRBO Ion Smart Radio combines LMR and cellular in a single portable device that runs an Android operating system. In contrast, Tait combines LMR and cellular network integration with radios and ruggedized smartphones to accommodate a variety of scenarios. Vendors should build next-generation networks to complement existing networks, integrating them in useful and secure ways. As companies are moving toward

implementing 5G and IoT-based solutions in LMR-related technologies, this would create lucrative opportunities in the Middle East & Africa land mobile radio market.

## Middle East & Africa Land Mobile Radio Market Overview

The LMR market in the Middle East & Africa is one of the most critical markets due to growing tension for public safety in the region. The users of LMR-based devices in the Middle East are continuously shifting toward adopting digital technology ranging from P25 and DMR to TETRA. Other economically well-off nations such as Kuwait, Jordan, and Bahrain have also witnessed to make significant investments in digital LMR products. The challenges of geography and economy make analog the dominant LMR technology across northern and southern Africa. Network coverage is a prime concern for broadband-enabled digital LMR solutions, majorly in remote areas. Yet, modern cost-optimized digital mobile radio (DMR) is becoming popular, and TETRA is also playing a crucial role in security services requiring enhanced security features. Additionally, the expansion of the industrial sector has contributed significantly to the LMR market growth. Industries such as oil & gas, mining, transportation, and construction demand reliable communication solutions to ensure smooth operations and worker safety. The implementation of LMR systems enables real-time, secure, and efficient communication; better coordination; and improved overall efficiency, driving their adoption across various industrial applications in the Middle East & Africa. Ongoing technological advancements and the integration of LMR with other communication technologies in the region will offer new opportunities for businesses and governments to improve their communication capabilities and emergency response systems.

## Middle East & Africa Land Mobile Radio Market Revenue and Forecast to 2030 (US\$ Million)

## Middle East & Africa Land Mobile Radio Market Segmentation

The Middle East & Africa land mobile radio market is segmented based on type, technology, frequency, application, and country. Based on type, the Middle East & Africa land mobile radio market is bifurcated into handheld and In-vehicle. The handheld segment held a larger market share in 2022.

Based on technology, the Middle East & Africa land mobile radio market is bifurcated into analog and digital. The digital segment held a larger market share in 2022.

Based on frequency, the Middle East & Africa land mobile radio market is segmented into 25 - 174 VHF, 200 - 512 UHF, and 700 MHz and above. The 700 MHz and above segment held the largest market share in 2022.

Based on application, the Middle East & Africa land mobile radio market is segmented into commercial, industrial, public safety & government, and military. The public safety & government segment held the largest market share in 2022.

Based on country, the Middle East & Africa land mobile radio market is segmented into South Africa, Saudi Arabia, the UAE, and the Rest of Middle East & Africa. The Rest of Middle East & Africa dominated the Middle East & Africa land mobile radio market share in 2022.

Icom Inc, Sepura Ltd, Hytera Communications Corp Ltd, JVCKENWOOD Corp, L3Harris Technologies Inc, Motorola Solutions Inc, Tait Communications Ltd, and Thales SA are some of the leading players operating in the Middle East & Africa land mobile radio market.

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