

# Land Mobile Radio Market to Record a Rise in Revenue of US\$ 25,097 Million by 2031

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/EINPresswire.com/ -- According to the analysis of Astute Analytica, the [global land mobile radio market](#) was valued at US\$ 9,739.6 Million in 2022 and is projected to reach US\$ 25,097 Million by 2031 at a CAGR of 11.61% during the forecast period. However, the market volume is likely to grow at a CAGR of 9.84% in the years to come. This is due to the development of new technologies and the growing use of LMR in diverse sectors.

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A number of sectors, including public safety, transportation, industry, and construction, are showing increasing demand for land mobile radios. This is due to the expansion of two-way radio usage as a communication tool. Organizations that communicate over vast distances, such as the military, utility companies, and police and fire departments find two-way radios to be crucial tools, and as more businesses have started to rely on them, the demand for radios has grown. For instance, in May 2023, Viavi Solutions Inc. launched the CX100 ComXpert Communications Service Monitor. This portable test kit is a dependable, effective option for land mobile radio (LMR) technicians and military radio maintainers and technicians who need to do field testing of equipment, cables, antennas, and tactical, handheld, or vehicle-mounted radios.

The other factor driving the demand for LMR is the advent of technologies that improve the effectiveness and efficiency of LMR systems. As digital land mobile radio provides better features and coverage than conventional analog systems. For instance, in 2022, BK Technologies Corporation introduced the KNG mobile series of radios in Melbourne, Florida. The KNG Mobile is the first touch-screen mobile radio in the market. The KNG Mobile offers exceptional capabilities in a typical-size device for mid- and high-power applications.

North America to Generate Sales of 40% of the Land Mobile Radio Market

North America is the leading region with more than 40% of global sales for land mobile radio. Due to robust demand and penetration in the transportation and military & defense industries. In addition, the rapid conversion of analog land mobile radios to digital, and an increase in research and development efforts across the US is driving the market growth.

Some of the top mobile radio producers in the world, such as Motorola, Nokia, and Samsung, are based in the area. Additionally, the majority of mobile radio subscribers are in North America. Due to its many advantages, land mobile radio (LMR) is popular in the United States. Even in the most isolated or rural places, first responders and other professionals may stay linked in real-time thanks to LMR, a vital communications tool.

China and India are the two largest land mobile radio (LMR) markets in the Asia Pacific region, providing a wide range of opportunities for market participants. Due to their dependability and resilience, LMR systems are being used in the Asia Pacific during natural disasters, including floods, earthquakes, and industrial accidents. Additionally, the region's market is expanding owing to economic stability and rising government spending is fueling the market growth in the region.

#### Handheld Portable Radio Accounted for the Highest Revenue

The handheld portable radio is likely to expand at the highest CAGR over the projection period and held a significant revenue share in 2022. These handheld radios make it possible to communicate instantly and without delay.

#### Digital Radio to Grow at the Highest CAGR

The analog technology segment is likely to witness the highest growth rate. However, Digital radios is likely to grow at the highest CAGR. This is due to the fact that they have a 40% greater battery life than analog radios. Every time a radio transmits, the battery is required for power. Compared to an analog radio, digital radio uses half as much battery power for each broadcast.

#### Public Safety Segment is the Popular Consumer of Land Mobile Radio

The public safety segment acquired more than 60% of the world's demand for land mobile radios. Currently, the public safety segment dominates the worldwide land mobile radio market. The home security sector has the largest market share within the public safety sector, followed by the armed forces and defense. For instance, in Nov 2022, the Massachusetts State Police (MSP) organized safety and law enforcement operations throughout the northeastern U.S. state. In order to replace dated systems that were challenging to maintain, MSP opted to develop a new statewide land mobile radio (LMR) trunked system.

#### Top 5 Companies to Record 42.1% of Revenue Share

The top 5 global land mobile radio companies are Hytera Communications Corporation Limited, Triple C Communications, Inc., BK Technologies, Motorola Solutions, Inc., Anritsu, Leonardo USA, and Tait Communications. They record 42.1% of the market's total revenue as a group.

Astute Analytica lists Motorola as one of the top companies in the world market for land mobile radios. The company is expanding at a good rate and has a sizable market share. For instance, in March 2023, the U.S. Air Force awarded Motorola Solutions a 10-year, US\$ 340.3 million contract to assist in managing the enterprise land mobile radio system's life cycle. The Department of Defense and LMR network sustainment maintenance services will both cover by the indefinite-delivery/indefinite-quantity contract.

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Apart from Motorola, other players also have a strong share and are currently adopting strategies to be in the competitive field.

- In April 2023, L3Harris Technologies radios are now available, according to Southern Linc, the wireless division of Southern Company, which offers communications across P25 Land Mobile Radio (LMR) and LTE networks. The business will sell L3Harris' XL Converge™ and XL Onboard™ family of portable and mobile devices.
- In March 2023, Rhode Island Emergency Management Agency (RIEMA) chose the company Mission Critical Partners (MCP) to finish evaluating the organization's LMR system. The Rhode Island Statewide Communications Network (RISCON), a system utilized by emergency responders, will be improved and upgraded thanks to state funding provided to RIEMA.
- In March 2023, Information technology professionals can use a document created by SAFECOM, the National Council of Statewide Interoperability Coordinators, and the Cybersecurity and Infrastructure Security Agency to plan, build, and maintain land mobile radio networks.

#### List of Prominent Companies

Anritsu

BK Technologies

Cisco Systems Inc.

CODAN Limited

Harris Corporation

Hytera Communications Corporation Limited

Icom

JVCKENWOOD Corporation

Leonardo USA

Motorola Solutions, Inc.

Raytheon Technologies Corporation

Sepura Limited  
Simoco Wireless Solutions  
Tait Communications  
Thales Group  
Triple C Communications, Inc.  
Other prominent players

## Segmentation Outline

### By Type

Fixed Base  
Handheld Portable radio  
Vehicle Mounted radio

### By Technology

Analog Technology  
Digital Technology  
TETRA  
DMR  
P25  
Others (TETRAPOL, NXDN, and dPMR)

### By Frequency

25-174 MHz (VHF)  
450-512 MHz (UHF)  
700 MHz and Above

### By Application

Commercial  
Retail  
Transportation  
Utility  
Mining  
Others (Entertainment, Construction, Manufacturing, Tourism)  
Public Safety  
Military and Defense  
Home Security  
Emergency and Medical Services (EMS)  
Fire Department  
Others (Public Places, Events)

### By Region

North America  
The U.S.

Canada

Europe

Western Europe

The UK

Germany

France

Italy

Spain

Rest of Western Europe

Eastern Europe

Poland

Russia

Rest of Eastern Europe

Asia Pacific

China

India

Japan

Australia & New Zealand

South Korea

ASEAN

Rest of Asia Pacific

Middle East & Africa (MEA)

Saudi Arabia

South Africa

UAE

Rest of MEA

Latin America

Argentina

Brazil

Mexico

Rest of Latin America

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