

Multi-Mode Receiver Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/M4BA107390A0EN.html>

Date: January 2023

Pages: 146

Price: US\$ 2,499.00 (Single User License)

ID: M4BA107390A0EN

Abstracts

The global multi-mode receiver market size reached US\$ 1,125.5 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 1,457.3 Million by 2028, exhibiting a growth rate (CAGR) of 4% during 2023-2028.

A multi-mode receiver or MMR refers to an advanced integrated navigational system that combines multiple navigation functionalities into a single and compact unit. It comprises numerous navigational and landing systems, such as GPS landing system, instrument landing system (ILS), GNSS landing system (GLS) and microwave landing system, integrating signals from these instruments to offer higher precision. It also assists the aircraft in eliminating problems associated with multipath interference while supporting advanced navigation standards like GLS Category II/III. As a result, MMR is widely used in the aviation industry to enhance the landing, navigation and positioning capabilities of the aircraft.

Multi-Mode Receiver Market Trends:

MMR integrates various stand-alone receivers into one unit and enhances the safety of the aircraft while minimizing the overall size, power consumption, and costs of equipment. The growing need to reduce weight, maximize space utilization, and improve the efficiency of the aircraft represents the primary factor driving the global market. Besides this, the escalating demand for new and upgraded aircraft due to the rising air passenger and freight traffic is another major growth-inducing factor. Additionally, governments of various countries are implementing favorable aviation safety regulations to encourage the installation of satellite-based augmentation systems (SBAS). This, in confluence with the heavy investments in ongoing research and development (R&D) activities by key players, is catalyzing the product demand.

Furthermore, the increasing retrofitting activities to equip aircraft with modern and innovative components to enhance the overall performance are accelerating the product adoption rates. Moreover, the leading manufacturers are entering into strategic partnerships and focusing on product innovations to gain a competitive edge and expand their customer base, thereby propelling the market growth. Other factors, including the rising aircraft deliveries, inflating consumer disposable incomes, rapid urbanization, and technological advancements in avionics, are also providing a positive market outlook.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global multi-mode receiver market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on fit, sub-system, platform and application.

Breakup by Fit:

- Line-Fit
- Retrofit

Breakup by Sub-System:

- ILS Receiver
- MLS Receiver
- GLS Receiver
- VOR and DME Receiver

Breakup by Platform:

- Fixed-wing
- Rotary-wing

Breakup by Application:

- Navigation
- Positioning
- Landing

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being BAE Systems plc, Honeywell International Inc., Indra Sistemas S.A., Intelcan Technosystems Inc., Interface Inc., Leonardo S.p.A., Raytheon Technologies Corporation, SAAB AB, Thales Group, Val Avionics Ltd and W. W. Grainger Inc.

Key Questions Answered in This Report

1. What was the size of the global multi-mode receiver market in 2022?
2. What is the expected growth rate of the global multi-mode receiver market during 2023-2028?
3. What are the key factors driving the global multi-mode receiver market?
4. What has been the impact of COVID-19 on the global multi-mode receiver market?

5. What is the breakup of the global multi-mode receiver market based on the fit?
6. What is the breakup of the global multi-mode receiver market based on the platform?
7. What are the key regions in the global multi-mode receiver market?
8. Who are the key players/companies in the global multi-mode receiver market?

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