+357 96 030922
info@marketpublishers.com

Asia Pacific Multi-mode Receiver Market By Fit (Line-fit, Retrofit), By Subsystem (ILS Receiver, MLS Receiver, GLS Receiver, VOR/DME Receiver), By Platform (Fixed Wing, Rotary Wing), By Country, Competition, Forecast & Opportunities, 2020-2030F

https://marketpublishers.com/r/AA5C0DB6CF74EN.html
Date: September 2025
Pages: 135
Price: US$ 4,000.00 (Single User License)
ID: AA5C0DB6CF74EN

Abstracts

Market Overview:

Asia Pacific Multi-mode Receiver Market was valued at USD 661.56 Million in 2024 and is expected to reach USD 887.06 Million by 2030 with a CAGR of 5.01% during the forecast period. Asia Pacific multi-mode receiver market is gaining traction as the aviation industry invests in modern avionics to enhance safety, accuracy, and operational efficiency. Growth drivers include the rising adoption of advanced navigation systems that integrate instrument landing systems, satellite-based augmentation, and global navigation satellite systems into a single platform, creating efficiency for aircraft operators and airlines. Increasing air traffic volumes and stringent regulatory mandates for performance-based navigation standards are pushing airlines and defense operators to adopt multi-mode receivers. The demand for reducing pilot workload while ensuring seamless communication and navigation is further boosting adoption. For instance, in 2023 and 2024, airlines in India placed orders for 1,359 new aircraft 999 in 2023 and 360 in 2024 while 680 aircraft are operational and 133 grounded. Among operational fleets, IndiGo operates 319, Air India 198, and Air India Express 101. Of the 105 aircraft over 15 years old, 43 belong to Air India and 37 to Air India Express. IndiGo led orders with 500 aircraft in 2023 and 40 in 2024 (including 10 A320 NEOs and 30 A350s), followed by Air India. Akasa Air ordered 150 Boeing 737-8/-8200s in 2024, up from just 4 in 2023. The government confirmed that DGCA has not set a maximum permissible aircraft age limit.

+357 96 030922
info@marketpublishers.com

Market Drivers

Rising Adoption of Integrated Navigation Systems

The demand for integrated navigation systems is driving the growth of the multi-mode receiver market as operators seek solutions that consolidate multiple navigation functions into one unit. Multi-mode receivers combine instrument landing systems, satellite-based augmentation, and global navigation satellite systems, allowing aircraft to navigate efficiently in varying flight conditions. This integration reduces cockpit complexity by minimizing the need for multiple standalone devices and enhances pilot situational awareness during critical phases of flight. Airlines and defense operators are adopting these systems to improve operational safety while reducing training and maintenance costs. The increasing use of performance-based navigation standards makes integrated solutions even more essential, as they align with regulatory compliance requirements for precision-based flight operations. In commercial aviation, the need to optimize airspace usage and reduce delays has heightened the reliance on advanced avionics systems.

Key Market Challenges

High Upgrade and Installation Costs

One of the major challenges restraining the growth of the multi-mode receiver market is the high cost associated with equipment upgrades and installation. Multi-mode receivers integrate advanced navigation functionalities, which require significant capital investment for procurement, certification, and integration into aircraft systems. Airlines with older fleets face even greater financial hurdles, as retrofitting these systems often involves extensive modifications to legacy avionics infrastructures. For smaller operators and regional carriers, the financial burden can outweigh the immediate benefits, leading to delayed adoption. Maintenance and training costs also add to the financial challenges, as pilots and technicians require specialized instruction to operate and maintain these complex systems. Furthermore, certification processes mandated by aviation regulatory bodies impose additional expenses and extend the time required to bring upgraded aircraft into service.

Key Market Trends

Growing Use of Modular Receiver Systems

+357 96 030922
info@marketpublishers.com

A key trend shaping the multi-mode receiver market is the growing adoption of modular receiver systems designed for scalability and flexibility. These systems allow operators to integrate only the functionalities they require, with the option of adding more capabilities as operational needs evolve. This modular approach reduces initial investment costs, as operators can upgrade receivers gradually rather than replacing entire systems. It also improves compatibility with both new and older aircraft platforms, providing a cost-effective solution for diverse fleets. The modular design approach is gaining traction as airlines and defense organizations look for future-proof solutions that can adapt to evolving navigation standards without frequent complete replacements. It also enhances maintainability by allowing faulty modules to be replaced individually rather than requiring a full system overhaul. This trend is particularly relevant in the context of performance-based navigation requirements, where incremental updates are often necessary to remain compliant.

Key Market Players

BAE Systems PLC

Honeywell International Inc.

Indra Sistemas, SA

Intelcan Technosystems Inc.

Leonardo SPA

Rockwell Collins, Inc.

Saab AB

Systems Interface Ltd.

Thales Group

Val Avionics Ltd

Report Scope:

+357 96 030922
info@marketpublishers.com

In this report, Asia Pacific Multi-mode Receiver Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Asia Pacific Multi-mode Receiver Market, By Platform:

Fixed Wing

Rotary Wing

Asia Pacific Multi-mode Receiver Market, By Fit:

Line-fit

Retrofit

Asia Pacific Multi-mode Receiver Market, By Subsystem:

ILS Receiver

MLS Receiver

GLS Receiver

VOR / DME Receiver

Asia Pacific Multi-mode Receiver Market, By Country:

China

India

Japan

Indonesia

Thailand

South Korea

+357 96 030922
info@marketpublishers.com

Australia

Rest of APAC

Competitive Landscape

Company Profiles: Detailed analysis of the major companies presents in Asia Pacific Multi-mode Receiver Market.

Available Customizations:

Asia Pacific Multi-mode Receiver Market report with the given market data, TechSci Research offers customizations according to the company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Asia Pacific Multi-mode Receiver Market By Fit (Line-fit, Retrofit), By Subsystem (ILS Receiver, MLS Receiver, GLS Receiver, VOR/DME Receiver), By Platform (Fixed Wing, Rotary Wing), By Country, Competition, Forecast & Opportunities, 2020-2030F

Product link: https://marketpublishers.com/r/AA5C0DB6CF74EN.html

Price: US$ 4,000.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/AA5C0DB6CF74EN.html