

News Release

FOR RELEASE ON
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Septentrio announces AsteRx3™, most compact GPS/GLONASS/Galileo receiver on the market

Leuven, Belgium –, Septentrio announces AsteRx3™, a compact multi-frequency GPS/GLONASS/GALILEO and COMPASS-ready receiver. AsteRx3™ is specially designed for integration in demanding precision positioning, navigation and automation applications such as land and maritime survey, machine control, UAV payloads, and many others, and provides excellent preparation for reaping the benefits of all modernized GNSS signals.

Providing simultaneous access to legacy and modernized GPS, GLONASS and GALILEO signals on L1, L2, L5, E5a, E5b and E5 AltBOC, AsteRx3™ is the most compact and future-proof OEM receiver on the market. A range of innovative features, collectively known as GNSS+™ is introduced. ATrack+, Septentrio's patented Galileo AltBOC tracking, provides spectacularly low noise tracking and multipath resistance for Galileo's most advanced signal. LOCK+ tracking guarantees exceptional tracking stability under high vibration conditions. The advanced multipath mitigation algorithm APME has been extended for use with the modernized signals, and provides the best multipath mitigation, especially for the predominant and harmful short-delay multipath. AIM+, Septentrio's Advanced Interference Mitigation technology, protects receivers against in-band interference, and allows users to identify the interference in a "spectrum plot" view. These innovative tracking algorithms are complemented with RTK+ for extended RTK baselines over 50 km as well as faster initialization.

"With the evolution of GNSS systems, more and more users demand the possibility to prepare for the benefits these new signals and systems bring." said Peter Grogard, Managing Director of Septentrio. "AsteRx3™ exploits the capabilities of these signals with our latest ASIC technology. As AsteRx3™ is one hundred percent plug-compatible with AsteRx2™ and AsteRx2e™, the AsteRx family is ideal for system integrators to build solutions which perform optimally with signals available today, which can be migrated to new signals and systems seamlessly tomorrow."

Septentrio will start shipping AsteRx3™ in the first quarter of 2010.

Septentrio Satellite Navigation NV designs, manufactures, markets and supports high-end OEM GNSS receivers for demanding professional navigation, positioning and timing applications. Septentrio has an international team of experts in all areas of satellite navigation receiver design and applications. For more information about Septentrio, please visit our website at www.septentrio.com.