

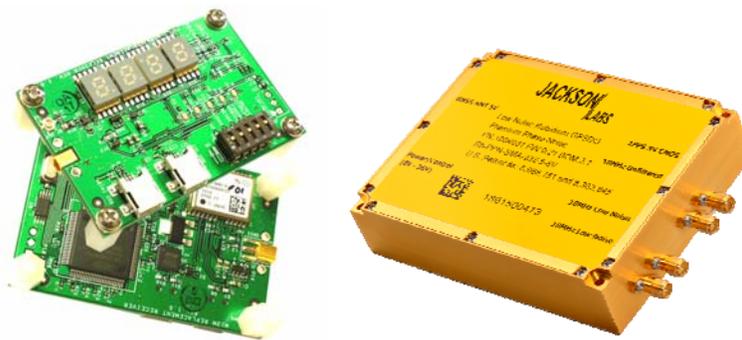


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FOR IMMEDIATE RELEASE

JACKSON LABS TECHNOLOGIES, INC. DELIVERS WORLD'S FIRST GALILEO-ENABLED MULTI-GNSS DISCIPLINED OSCILLATORS (GNSDO™)

A First-to-Market Galileo Update for Numerous JLT Products Allows Concurrent Operation of GPS/Glonass/BeiDou With the New Galileo Satellite Navigation System -- Improving Performance and Reliability



LAS VEGAS, NV--(Marketwired - July 26, 2016) - Jackson Labs Technologies, Inc, a designer and manufacturer of cutting-edge GNSS, timing and frequency equipment, today announced several new products with full support for the new and emerging Galileo Satellite Navigation System, as well as a free software retrofit to existing products adding Galileo functionality.

The European Galileo satellite navigation system has now become a reality with recent launches and commissioning of Galileo satellites. Three to four Galileo satellites can now typically be tracked on average in the continental U.S., and additional space vehicle launches are planned for later this year and next year that will significantly improve Galileo availability. JLT has upgraded the popular Mini-JLT GPSDO with an 8th generation GNSS NEO-M8T Timing receiver from u-blox that allows receiving Galileo signals as well as concurrent GPS, Glonass, BeiDou, and QZSS signals. Users can choose to operate a single GNSS system, or multiple concurrent GNSS systems for redundancy. Concurrent operation aids performance by allowing reception of up to 72 GNSS satellites in challenged reception areas such as in urban canyons, under foliage, indoors, or close to the earth's poles etc.

"A new era of Global Navigation System performance has arrived with the advent of enough usable Galileo Space Vehicles that are now allowing first Positioning and Timing operations. Galileo promises new technology and performance levels over the many decades-old GPS and Glonass systems, and we are excited to lead the way with our new Galileo product line," says JLT President Said Jackson.

The Galileo GNSS promises significant improvements in timing and frequency performance due to improved on-board Hydrogen Maser Atomic references (Cesium and Rubidium references are used in GPS and Glonass satellites) and other system improvements. In stationary timing mode, the new Galileo-capable GNSDO products will operate with as little as one single satellite in-view, and can use additional satellites to improve timing stability and accuracy via an over-determined timing solution for oscillator disciplining. Indoor tracking is possible with an unmatched GNSS performance of down to -167dBm.

These new Galileo GNSDO's provide 1PPS timing, Position and Navigation (PNT) data, as well as highly-stable and accurate 10MHz reference outputs. The M12M Replacement Receiver also provides a user-adjustable timing/frequency output with 1Hz to > 10MHz adjustment range, while the Low Noise



Rubidium GNSDO can provide an industry-leading typical holdover performance of up to, and better than 500ns over 24 hours.

Besides introducing the new Mini-JLT GNSS module, JLT also makes available concurrent Galileo reception via a free software update to existing customers of the JLT M12M Replacement Receiver, and the Low Noise Rubidium product line.

Galileo-enabled M12M Replacement Receiver modules ship from stock, and are priced at \$220 each.

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About Jackson Labs Technologies, Inc.:

Located in Las Vegas, NV, Jackson Labs Technologies, Inc. is a privately held company that is setting new standards in timing and frequency generation for the telecom, defense, engineering, test & measurement, broadcast, and research markets. Jackson Labs Technologies, Inc.: The Next Generation of Timing & Frequency. To learn more, visit www.jackson-labs.com.