

Astronics Launches Next-Gen Radio Test Solution

The ATS-3100 RTS offers a breakthrough solution to test legacy and modern military tactical radios

EAST AURORA, N.Y.--(BUSINESS WIRE)-- [Astronics Corporation](#) (NASDAQ: ATRO), through its wholly-owned subsidiary [Astronics Test Systems](#) (ATS), introduced its new [ATS-3100 Radio Test Set \(RTS\)](#) – a revolutionary test platform that ensures flawless military radio performance when failure to communicate is not an option.

The ATS-3100 RTS enables users to test both legacy and modern military tactical radios using a single platform. Astronics integrated the most crucial features for radio test into the new ATS-3100 RTS, giving users the capability to test both airborne and ground legacy radios (e.g. SINCGARS) plus modern wideband waveforms (e.g. 117G, ANW 2, TSM) from virtually any original equipment manufacturer (OEM). The ATS-3100 RTS is the newest member of the ATS-3100 PXI Integration Platform product family.

“Astronics Test Systems continues to find new ways to protect lives by ensuring peak performance of mission-critical radios. I congratulate our development team and am excited to see the evolution of our ATS-3100 product line,” says Jim Mulato, President of Astronics Test Systems. “We believe the adoption of the ATS-3100 RTS solution is a game-changer that will provide exceptional value to our radio test customers. They’ll now be able to implement this system quickly, and immediately realize the benefit of a single test platform for legacy and next-gen radios from multiple OEMs.”

The ATS-3100 RTS preserves investment in legacy equipment while leaving significant capacity for the addition of new technology. The new system offers a seamless transition from the legacy GRM-122 test set, providing a solution that is cost-effective, easy to maintain, and further customizable to meet individual needs. As a benchtop, software-defined platform, it serves as the perfect complement to the Astronics CTS-6010 portable tester, released in May of 2016.

“Our ATS-3100 RTS and CTS-6010 work together, enabling our customers to leverage a common software framework and test executive across both benchtop and portable testers,” notes Brian Price, Executive Vice President of Astronics Test Systems. “This synergy between our depot and field solutions gives our customers reduced test development time, increased supportability of their solutions, and faster turnaround to get critical radio equipment back in circulation.”

About the ATS-3100 RTS

Designed for maintainability, the ATS-3100 RTS features rapid, 2-hour automated calibration, allowing users to significantly reduce turnaround time and have test sets back up

and running quickly. Additionally, with easy access to the two primary line-replaceable units (LRUs), mean time to repair (MTTR) reduces from hours to minutes.

The ATS-3100 RTS tests advanced radio capabilities including frequency hopping, bit error rate, error vector magnitude (EVM), and sensitivity. Additional features include:

- Frequency range from 1 MHz to 6 GHz
- Wide modulation bandwidth up to 200 MHz
- Intuitive graphical user interface (GUI) and test executive
- Compact, benchtop platform
- Two-hour automated calibration & verification
- Reconfigurable and expandable PXIe-based platform

Astronics Test Systems will display and demonstrate the new ATS-3100 RTS at AUTOTESTCON in Schaumburg, Illinois, September 11-14, 2017. For complete product details, to view the solution sheet, or to request a quote, please visit [Astronics.com](http://www.Astronics.com).

Astronics Test Systems leverages nearly 60 years of experience to offer automatic test expertise to electronics manufacturers in the aerospace, military, semiconductor, medical, space, mass transit, and automotive industries. Astronics' test solutions ensure the world's most advanced electronic products perform as designed, every time.

ABOUT ASTRONICS CORPORATION

Astronics Corporation (NASDAQ: ATRO) is a leading supplier of advanced technologies and products to the global aerospace, defense, and semiconductor industries. Astronics' products and services include advanced, high-performance electrical power generation and distribution systems, seat motion solutions, lighting and safety systems, avionics products, aircraft structures, systems certification, and automated test systems. Astronics' strategy is to increase its value by developing technologies and capabilities, either internally or through acquisition, and using those capabilities to provide innovative solutions to its targeted markets and other markets where its technology can be beneficial. Through its wholly owned subsidiaries, Astronics has a reputation for high-quality designs, exceptional responsiveness, strong brand recognition, and best-in-class manufacturing practices.

For more information on Astronics and its products, visit www.Astronics.com.

Note to editors: Astronics Test Systems is taking appointments to demonstrate the new ATS-3100 RTS to editors at Autotestcon. Please contact Anil Bhalla to arrange an appointment.

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