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Astronics Introduces Next-Gen Land Mobile Radio Service Monitor

The portable Freedom R8200 delivers comprehensive LMR and RF network analysis

EAST AURORA, N.Y.--(BUSINESS WIRE)-- [Astronics Corporation](https://www.astronics.com) (NASDAQ: ATRO), a leading provider of advanced technologies for global aerospace, defense, and other mission critical industries, announced today the [Freedom R8200](#) Communications System Analyzer, a next-generation land mobile radio (LMR) test instrument for public safety, maritime, commercial, and critical infrastructure communications systems. The new service monitor is the first test instrument that combines comprehensive digital and analog LMR testing with the ability to measure important RF network characteristics, such as distance to fault (DTF), return loss, and voltage standing wave ratio (VSWR).

This press release features multimedia. View the full release here:
<https://www.businesswire.com/news/home/20200319005710/en/>

The FREEDOM R8200 from Astronics offers comprehensive testing for LMR radio systems and infrastructure in one, portable package. (Photo: Business Wire)

Featuring a vector network analyzer (VNA), the Freedom R8200 enables users

to return communications assets to the field faster by reducing set-up time associated with multiple, stand-alone instruments when performing subscriber radio and infrastructure testing.

“As radio technology continues to evolve, our goal is to provide maintainers with the right tools to ensure optimal performance of critical communications systems,” said Jim Mulato, President of Astronics Test Systems. “Building on our Freedom legacy of LMR test equipment, we are pleased to offer this high-impact product designed to increase operational efficiency.”

The new FREEDOM R8200 includes several standard new features, plus a Process Automation Toolkit (PAT), which enables technicians at any level of expertise to compose automated test scripts. Additionally, the remote front panel allows users to monitor and control the analyzer from any networked PC and the extended generate output range simplifies operation by eliminating the need to switch ports for receiver testing.

Astronics Test Systems will participate in a live webinar today, March 19th, “Enforcing First Responder In-Building Coverage,” detailing further applications of Freedom Communications Analyzers, including the Freedom R8200. For additional information or to register, [click here](#).

For complete Freedom R8200 product details, to view the datasheet, or to request a quote, please visit [Astronics.com](https://www.astronics.com).

ABOUT ASTRONICS CORPORATION

Astronics Corporation (Nasdaq: ATRO) serves the world's aerospace, defense, and other mission critical industries with proven, innovative technology solutions. Astronics works side-by-side with customers, integrating its array of power, connectivity, lighting, structures, interiors and test technologies to solve complex challenges. For 50 years, Astronics has delivered creative, customer-focused solutions with exceptional responsiveness. Today, global airframe manufacturers, airlines, militaries, completion centers and Fortune 500 companies rely on the collaborative spirit and innovation of Astronics.

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

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