

## NEWS RELEASE



For more information, contact:

Amy Lawrence  
Aeroflex Incorporated  
(316) 522-4981  
amy.lawrence@aeroflex.com

James E. De Broeck  
Aeroflex Incorporated  
(316) 522-4981  
jim.debroeck@aeroflex.com

**FOR PRINT AND ONLINE RELEASE: March 10, 2011**

### **New Software for the Aeroflex 3500A Hand-held Radio Test Set Adds Test Capability for Latest Narrowband Digital Radio Systems**

[http://aeroflex.com/ats/products/prodfiles/news/Aeroflex\\_3500A\\_Hand-held\\_RTS\\_Adds\\_Test\\_Capability\\_for\\_Latest\\_Narrowband\\_Digital\\_Radio\\_Systems.pdf](http://aeroflex.com/ats/products/prodfiles/news/Aeroflex_3500A_Hand-held_RTS_Adds_Test_Capability_for_Latest_Narrowband_Digital_Radio_Systems.pdf)

**LAS VEGAS—International Wireless Communications Expo—March 9–11, 2011**—Aeroflex Incorporated, a wholly owned subsidiary of Aeroflex Holding Corp. (NYSE:ARX), announced today two new digital radio test options for the 3500A Hand-held Radio Test Set. Software version 3.8.0 includes new features that extend the test capabilities of the 3500A to the latest land mobile digital radio standards. The 3500A can now test Digital Mobile Radio (DMR) and NXDN™ digital narrowband mobile stations and repeaters. This testing includes the ability to measure the key RF parameters of the DMR and NXDN digital modulation including FSK error, symbol deviation, frequency error, and power.

#### **About NXDN**

NXDN is a very narrowband radio system based on the radio standard developed by the NXDN Forum. Aeroflex is a charter member of the NXDN Forum. With the 3500A, users will be able to verify that the transmitter and receiver of the NXDN radio are operating correctly by measuring key RF parameters. Included in these

measurements are the modulation fidelity parameters: FSK error, symbol deviation, and frequency error. The 3500A can also generate several modulation patterns that verify the operation of a NXDN receiver. These modulation patterns can be used for receiver bit error rate testing as well as tone generation. With a user-defined Radio Access Number (RAN), technicians can test a NXDN radio without putting it into test mode.

### **About Digital Mobile Radio (DMR)**

DMR is a two slot TDMA standard based on ETSI TS 102 361-1. The 3500A performs the RF testing required to ensure that the DMR modulation is performing according to this specification. This testing includes measuring key modulation fidelity parameters such as FSK error, symbol deviation, and frequency error.

The 3500A also measures the power in the slots and the amount of magnitude error over a burst. With the capability of encoding and decoding the color code and radio ID, the 3500A can even verify the operation of a DMR radio without having to put the radio into a special test mode. The 3500A includes the capability to simulate a base repeater.

“A mobile with a duplex offset between its transmit and receive frequencies, cannot be tested, unless the test equipment provides the properly simulated signal for the mobile to synchronize with,” said Lyndon Zielke, senior product marketing engineer, Aeroflex Test Solutions.

### **About the 3500A Series Digital Radio Test Set**

Designed to test key radio parameters, the 3500A Series is the industry leader in hand-held portable testing, with a weight of less than 8 lbs. With extensive test capabilities for testing AM, FM, P25, and now DMR and NXDN radios, the 3500A provides an integrated power meter, RF frequency counter, modulation tests, extensive audio tests including SINAD and Distortion analysis. A 1 GHz spectrum analyzer and audio oscilloscope can be ordered as options.

## Price and availability

The 3500A Hand-held Digital Radio Set has a delivery time of 8-10 weeks upon receipt of order. The 3500A Series is field-upgradeable to include the latest software features. The software update, release notes, and installation instructions are available for download at the Aeroflex web site at:

[http://www.aeroflex.com/ats/products/product/Communications\\_Test/Radio\\_Test\\_Sets\\_-\\_PMR\\_Test/3500A\\_Radio\\_Test\\_Set~645.html#files](http://www.aeroflex.com/ats/products/product/Communications_Test/Radio_Test_Sets_-_PMR_Test/3500A_Radio_Test_Set~645.html#files)

For more information, contact your local Aeroflex sales office by visiting [www.aeroflex.com](http://www.aeroflex.com) or calling Aeroflex Sales at (800) 835-2352.

## About Aeroflex

Aeroflex Incorporated is a leading global provider of microelectronic components and test and measurement equipment used by companies in the space, avionics, defense, commercial wireless communications, medical and other markets.

---

---

NXDN™ is a trademark of ICOM Incorporated and Kenwood Corporation.

*All statements other than statements of historical fact included in this press release regarding Aeroflex's business strategy and plans and objectives of its management for future operations are forward-looking statements. When used in this press release, words such as "anticipate," "believe," "estimate," "expect," "intend" and similar expressions, as they relate to Aeroflex or its management, identify forward-looking statements. Such forward-looking statements are based on the current beliefs of Aeroflex's management, as well as assumptions made by and information currently available to its management. Actual results could differ materially from those contemplated by the forward-looking statements as a result of certain factors, including but not limited to, adverse developments in the global economy; the inability to make payments on our significant indebtedness, dependence on growth in customers' businesses; the inability to remain competitive in the markets Aeroflex serves; the inability to continue to develop, manufacture and market innovative, customized products and services that meet customer requirements for performance and reliability; any failure of suppliers to provide raw materials and/or properly functioning component parts; the termination of key contracts, including technology license agreements, or loss of key customers; the inability to protect intellectual property; the failure to comply with regulations such as International Traffic in Arms Regulations and any changes in regulations; exposure to auction rate securities and the impact this exposure has on liquidity; the failure to realize anticipated benefits from completed acquisitions, divestitures or restructuring, or the possibility that such acquisitions, divestitures or restructurings could adversely affect Aeroflex; the loss of key employees; exposure to foreign currency exchange rate risks; and terrorists acts or acts of war. Such statements reflect the current views of management with respect to the future and are subject to these and other risks, uncertainties and assumptions. Aeroflex does not undertake any obligation to update such forward-looking statements.*