

Vertex Standard Digital Radios Now Shipping in North America

A new choice in digital radios for easy analog conversion.

Tokyo, Japan – 19 September 2011 – [Vertex Standard Company](#) is now shipping the new VXD Series conventional digital land mobile radios providing a new digital choice for users seeking to maximize their radio investment.

“The new VXD Series enables analog radio users to gradually upgrade to digital as needed to make the most of their radio investments,” stated Mike Gray, Vertex Standard North America LMR Sales Vice President. “The portable and mobile radios operate in both analog and digital modes making conversion to digital flexible and easy. If budget is an issue, users can gradually evolve from analog to digital as required to best address their functional and financial needs.”



The VXD Series also operates on the most widely-used digital mobile radio protocol known as DMR, which uses 2 slot TDMA (time division multiple access) in 12.5kHz channels. “When switching to digital, customers need to understand that the operating protocol is an important factor for supporting a more dynamic and flexible digital radio system,” stated Gray. He continued, “Unlike analog where any brand of radio can be used together, not all digital radios are the same -- the radios can only communicate if operating on the same protocol. The VXD Series is designed to work with other DMR TDMA radios, so users benefit by getting more choices of interchangeable digital equipment.”

Recently announced by the [DMR Association](#), Vertex Standard VXD Series successfully completed interoperability testing which validated digital performance compatibility with both MOTOTRBO™ and SELEX Communications digital radios.

The VXD Series includes: VXD-720 portable radio, VXD-7200 mobile radio and VXD-R70 repeater.

Performance features:

- Consistently clear digital audio quality
- Integrated voice and text communications
- Submersible portable radio: IP57 water resistance rating – submersible up to 3 feet for 30 minutes
- Increased calling privacy

TDMA protocol advantages:

- Re-use of existing analog licenses with doubled call capacity
- Reduced costs with doubled call capacity without extra infrastructure equipment
- Enhanced battery life performance
- More radio choices

Frequency ranges: 134-174 MHz VHF and UHF 403 – 470 MHz and 450 – 512 MHz.

FCC Narrowbanding compliance:

While analog radio users are required to operate radios at 12.5 kHz efficiency by December 31, 2012; the VXD Series enables users to meet the FCC recommendation to convert directly to 6.25 kHz equivalent efficient equipment for greater spectrum efficiency.

Get more information about the VXD Series at: www.dodigitalright.com



About Vertex Standard

Established in 1956 and based in Tokyo, Japan, Vertex Standard is a global manufacturer of two-way radio communications equipment. The radios are sold and serviced through more than 1,000 dealerships in North America. All Vertex Standard radios sold in North America are covered with a 3-year warranty backing of quality and reliability for maximum value. For more information on any Vertex Standard product, visit www.vertexstandard.com/lmr , follow on [Facebook](#) or e-mail: vertexstandard-na@vertexstandard.com