

Press Release – COMARK Introduces the VLP-5000 Product Line at NAB-2013

Las Vegas, NV April 8, 2013

COMARK Communications LLC announces the introduction of the **VLP-5000** Very Low Power series of DTV transmitters and translators. The **VLP-5000** series is a compact and rugged platform designed from the ground up specifically for LPTV operators needing to upgrade, replace, or construct VHF or UHF stations. The product family is available in 75 through 600 Watts, incorporating the latest 50VDC LDMOS devices and air cooling to ensure ultimate reliability and efficiency. Compact size allows for mounting into standard 19” wide EIA style rack cabinets.

The **VLP-5000** is equipped standard with the COMARK **ATSC-5000** DTV exciter. This exciter features industry leading Digital Adaptive Precorrection (**DAP**), which provides the lowest cost of operation with very high system efficiency. **DAP** automatically corrects both the linear and non-linear system distortions inherent to all transmitter designs.

As an option, the VLP series can be supplied with an RF tuner for operation as a translator. The translator incorporates a unique **OPPM** feature for locking the carrier frequency and symbol clock frequency. This feature allows the translator to retain the original legacy ATSC and ATSC-MH symbol order and supports both MFN and SFN operations. In addition to **OPPM**, the translator has a wide dynamic input range and high sensitivity all while providing strong adjacent channel rejection.

About COMARK Communications LLC:

For over 40 years COMARK has been synonymous with broadcast expertise and innovation. A trusted partner to the world’s leading broadcasters, COMARK (formerly Thomson Broadcast) has pioneered many developments that have shaped the industry, leading innovation in IOT & MSDC-IOT technology, transistorized solid-state technology, Digital Adaptive Pre-correction (DAP), and also winning multiple Emmy® Awards; and gaining numerous patents in technologies that have become fundamental to broadcasting. COMARK is now building on this great heritage with the release of an entire new range of transmission products for terrestrial television broadcasting, and state-of-the-art products for scientific/industrial RF applications. With thousands of active COMARK transmission systems deployed worldwide and a global support presence, COMARK plans to continue to develop technologies for the future, with efficiency and performance initiatives for improving coverage and saving power.

Look for COMARK at NAB 2013, booth # SU-2321.

Information about products from COMARK™ is available
at www.comarktv.com.

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