



April 1, 2015

Press Release – COMARK Introduces the E-Compact DOHERTY Air Cooled Transmitter Family at NAB-2015

Southwick, MA....COMARK Communications LLC, a manufacturer and supplier of DTV transmitters, encoding systems, and associated field services for over 40 years, has announced the introduction of the **E-Compact** series of high efficiency air cooled solid state UHF DTV transmitters. The **E-Compact** is available to support most worldwide DTV standards including ATSC, DVB, and ISDB-T.

The **E-Compact** series integrates Doherty solid state amplifier technology; using less energy while delivering more power. The heart of the transmitter is a 3RU amplifier chassis that produces over 800 watts RMS in ATSC. Also included is COMARK's 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 DTV systems. The exciter features "DualCast" technology which is easily upgraded via firmware from ATSC 1.0 to 3.0; protecting investment today for use tomorrow.

The **E-Compact** platform is compact and rugged, perfectly suited for broadcasters looking to upgrade or replace older less efficient equipment currently at their TV stations. The product family is available in 700 Watts through 5600 Watts, incorporating the latest 50VDC LDMOS devices and air cooling to ensure ultimate reliability and efficiency. User control and monitoring is simple with the **E-Compact** – a front panel man-machine interface provides the basics while a built-in web server allows more in-depth metrics and control. And an optional SNMP client is available for broadcasters that want remote access back to a central network operations center (NOC). The **E-Compact** transmitter will be on display at the COMARK booth, located at SU3021.

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 has pioneered many developments that have shaped the industry, leading innovation in IOT & MSDC-IOT technology, transistorized solid-state technology, Digital Adaptive Precorrection (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 2015, booth # SU-3021.

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

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