

Press Release – COMARK Introduces the MPTV-8000 Product Line at NAB-2013

Las Vegas, NV April 8, 2013.

COMARK Communications LLC announces the introduction of the **MPTV-8000** Medium Power TV series of solid state DTV transmitters. The **MPTV-8000** series is available in both air and liquid cooling and the product family covers 2kW through over 20kW output power levels. The **MPTV-8000** solid state transmitters utilize **DOHERTY** amplifier technology along with the latest 50VDC LDMOS devices. Doherty solid state amplifiers bias the transistors in both Class AB and Class C to improve linearity and efficiency, which approaches 40%. Another inherent benefit of Doherty based solid state amplifiers are that they operate cooler than a comparable Class AB, which helps improve system reliability.

The **MPTV-8000** is equipped standard with the COMARK **ATSC-8000** DTV exciter in either single drive or dual drive configuration. Introduced at last year's NAB, the **ATSC-8000** 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. COMARK has already deployed numerous **ATSC-8000** exciters with impressive performance results in both solid state and IOT transmitters.

The **MPTV-8000** family includes many standard features such as a color touch screen control system, remote parallel and web interfaces, compatibility with A/53 and A/153 ATSC fixed and Mobile DTV standards, built-in GPS receiver, and a low loss RF combiner system. As with all products from COMARK; the MPTV-8000 is backed by our US based customer service team with 24x7x365 support.

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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