

Press Release – COMARK Introduces the CMX-5000 MPEG-2 Digital TV Encoder / Multiplexer at NAB-2013

Las Vegas, NV April 8, 2013.

COMARK Communications LLC announces the introduction of the **CMX-5000** MPEG-2 digital TV encoder and multiplexer. The CMX-5000 is a powerful yet low-cost product that can be configured with all the functions necessary to get any station on the air with a DTV signal, perfect for LPTV operators or even for backup encoder needs within disaster recover infrastructure.

The **CMX-5000** is an integrated platform but is also very flexible. The unit can be configured to accommodate several different encoding needs. Standard encoder configurations include 2xHD, 4xSD, 1HD + 3xSD, 6xSD and even 8xSD programs with support for SD/HD MPEG-2 MP@ML or MP@HL (4:2:0) video encoding. The encoding engine is extremely powerful with built-in video smoothing and noise filter, selectable on a per program stream basis. Fielded encoders are upgradeable with additional licenses should the station's encoding needs change or evolve. User interface for setup and operation is via a built-in user friendly web-based GUI; connect via a standard PC or laptop.

The **CMX-5000** utilizes a built-in multiplexer to create the final output 19.39 Mbps transport stream. The mux statistically manages the bandwidth allocated to each video program that participates in the stat-mux pool, optimizing image quality across multiple programs. Finally, the **CMX-5000** supports multiple methods of receiving program guide and dynamic PSIP data including COMARK's own CMX-EPG software tool to build a customized program guide with a simple spreadsheet.

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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