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Press Release – COMARK Introduces Innovative Transmitter for Large and Small TV Stations

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 launch of PARALLAX™—the industry's next generation medium and high power, liquid cooled, solid state transmitter.

According to Richard E. Fiore, Jr., COMARK CEO, PARALLAX has been developed to address the rapid changes in solid state RF device technologies and design techniques—and in the shifting needs of the market. “The industry requires a more efficient, solid state, broadband transmitter that will allow for the highest signal quality and reliability at an affordable cost to own and maintain. PARALLAX delivers it all.”

For large or small stations, PARALLAX has the unique flexibility to ensure top-notch performance for specific needs. With up to 16 Power Amplifiers, it delivers an industry best of up to 27.5kW, stacked in a single rack cabinet. Power levels can be scaled higher with multiple cabinets (up to 100kW TPO) or scaled back to as few as 3 x 2kW amplifiers for 5.4kW output power.

“The vertical configuration is easier to handle, and amplifiers are within comfortable reach,” Fiore said. “It permits straightforward orientation of the associated RF combiner, it syncs with the RF plumbing, and the RF compact design is fully integrated into the cabinet, which saves valuable floor space and overhead space.”

The system also features liquid cooling, an optimized RF design, and can be controlled and monitored via an optional Wi-Fi connection using a smart phone or digital tablet. PARALLAX also features a built-in control redundancy in case of emergency operation, keeping the unit on air at all times. The control system also enables COMARK's customer service group to remotely diagnose during transmitter operation and perform remote software updates.

“COMARK is ready for the future,” Fiore said“ PARALLAX offers an exciting, concrete solution for the demands of the changing global TV broadcast industry.”

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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 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 2015, booth # SU-3021.

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

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