



Hitachi Kokusai Electric Comark Announces the EC700MP Series of Air Cooled Transmitters at NAB-2019

Southwick, MA, March 20, 2019 – Hitachi Kokusai Electric Comark LLC (hereinafter “COMARK”), a manufacturer and supplier of DTV transmitters, encoding systems, and associated field services for over 45 years, has announced the introduction of the ***E-Compact EC700MP*** series high-efficiency, air-cooled solid state UHF DTV transmitters. The new ***E-Compact MP*** series of transmitters support 170W, 350W, and 1kW RF output power levels.

The ***E-Compact HP*** series was introduced at NAB 2016 and subsequently “repack optimized” for the US market with output power levels of up to 10kW. Many ***HP*** series transmitters are already on-air, serving customers throughout the US and Puerto Rico.

The introduction of the ***E-Compact MP*** series fills out the air cooled UHF product portfolio with high-efficiency, low power models (170W, 250W, and 1kW). All E-Compact transmitters (***MP*** and ***HP*** series) incorporate the latest asymmetric broadband Doherty LDMOS amplifiers (the same device as the award winning PARALLAX® series liquid-cooled UHF transmitters). The PA design includes automatic cooling fan speed control that provides lower acoustic noise levels during operation. The ***E-Compact*** family also features EXACT-V2 IP Optimized DTV exciters with DualCast technology and is easily upgraded from ATSC 1.0 to 3.0, protecting your investment today for use tomorrow.

The ***EC710MP-BB*** transmitter is being introduced for customers requiring a compact, 1kW solution. This 1kW transmitter features separate PA and PSU chassis that utilize only 4RU’s of cabinet space. In addition, future compatibility with both ATSC 1.0 / ATSC 3.0 is ensured, providing the same output power for either standard. The ***EC710MP-BB*** features N+1 hot-swap PSU modules, providing 25% PSU redundancy. Finally, customers are assured of high-efficiency, broadband operation that is the hallmark of the entire ***E-Compact*** product line.

The ***E-Compact*** family is compact and rugged, perfectly suited for broadcasters looking to upgrade or replace older, less efficient equipment currently at their TV stations or for future ATSC 3.0 SFN systems. The ***E-Compact EC710MP-BB*** 1kW transmitter will be on display at NAB 2019 at Hitachi Kokusai Electric Group’s booth, located at # C4409.

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News Release

About Hitachi Kokusai Electric Comark LLC:

For over 45 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 lead the way in developing technologies for the future, with efficiency and performance initiatives for improving coverage and saving power.

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***Look for Hitachi Kokusai Electric Group at NAB
2019, booth # C4409.***

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

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