



Hitachi Kokusai Electric Comark Announces the EC705LP-AT1 and EC720LP-AT1 Air-Cooled Transmitters for LPTV

Southwick, MA, May 13, 2020 – 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*** EC705LP-AT1 (50W) and EC720LP-AT1 (125W) series high-efficiency air-cooled solid-state UHF DTV transmitters. These transmitters are being released specifically for requirements of the LPTV repack market.

These two new models, EC705LP-AT1 and EC720LP-AT1, incorporate the ATSC exciter, driver, and final PA into a single rack-mountable chassis. The EC720LP-AT1 includes a slot that can accommodate a second, optional backup power supply for 100% redundancy. The power supplies utilize a front panel plug-in connection for quick service. The air-cooled PA design includes automatic cooling fan speed control that provides lower acoustic noise levels during operation and saves electrical energy while increasing the life span of the fans. Customers can either mount the transmitter in their existing equipment rack cabinet or an optional 10RU rack supplied by COMARK.

The EC700LP-AT1 series of transmitters feature System-on-Chip (SoC) technology. SoC integrates multiple system elements into a compact architecture utilizing high power processing power and superior reliability. SoC embeds powerful software such as MER measurements, IMD measurements, as well as linear and non-linear automatic digital pre-correction. The transmitters include front panel controls, comprehensive web-GUI, and SNMP for remote control and monitoring. An optional off-air receiver is available so that these units can be operated as a translator. The ***E-Compact*** family is compact and rugged, perfectly suited for broadcasters looking to replace their current older and less efficient equipment.

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News Release

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

Contact:
Joseph Turbolski
VP of Sales & Marketing
Tel: +1 413 998 1100
Email: jturbolski@comarktv.com