

Maryland Public Television orders 75kW PARALLAX® UHF DTV Transmitter from Hitachi Kokusai Electric Comark

SOUTHWICK, MA, March 30, 2018 – 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 that Maryland Public Television (MPT) has ordered a new COMARK 75kW PARALLAX® UHF transmitter for their WMPT site. WMPT serves the Central Maryland Region and beyond.

The WMPT DTV transmitter will consist of 3 rack cabinets, each equipped with 16 UHF Asymmetric Broadband Doherty power amplifiers providing up to 75kW TPO. The PARALLAX transmitter will be delivered complete with dual EXACT-V2 exciters (in main/standby configuration), the liquid cooling system, and a complete RF mask filter system inclusive of Magic Tee’s for combining each of the transmitter cabinets. COMARK will also manage the shipment, offloading, and placement of the new equipment in the transmitter facility, as well as removal of the existing DTV transmitter.

COMARK debuted the PARALLAX high efficiency transmitter at NAB 2016, where it won NewBay Media’s Best of Show Award, presented by TV Technology. PARALLAX is the transmitter that is “designed for repack” providing broadband Doherty performance and a future proof design. PARALLAX offers all broadcasters:

- Highest power, liquid cooled, solid state transmitter available; up to 27.5kW TPO per rack cabinet, multiple cabinets for up to 100kW
- Highest efficiency with wideband Doherty technology
- Unique vertical high-gain power amplifiers providing:
 - ✓ 2kW per PA module for UHF
 - ✓ 1.6kW per PA modules for VHF band 3
- Asymmetrical Doherty; same power in 8VSB and OFDM
- Unique DualCast ATSC 1.0 / 3.0 upgradeable; preserves investment
- Hot-swap AC to DC rectifiers with >96% efficiency
- Made in the USA; serviced and supported out of Southwick, MA

“COMARK worked with the management of Maryland Public Television to provide a complete solution for their repack requirements. PARALLAX provides the latest technology and is easily upgradeable for ATSC 3.0” says Dick Fiore, President and CEO of Hitachi Kokusai Electric Comark, LLC.

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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 entirely 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 efficient performance initiatives that improve coverage and save power.

***Look for Hitachi Kokusai Electric Group at NAB
2018, booth # C4309.***

Information about products from Hitachi-Comark
is available at www.comarktv.com.

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