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WyreStorm prepares to launch a pair of HDBaseT 4K UHD matrix switchers with dedicated audio matrix switching at ISE 2017-- the 16x16 MX-1616-HDBT-H2X and the 10x10 MX-1010-HDBT-H2X.

The H2X matrix switcher series is designed for large, high-end residential and commercial applications demanding multi-source video distribution of 4K HDR content, as well as multi-source audio matrix switching to multiple zone. A SmartEDID feature dynamically detects and reacts to display and source capabilities to output the highest possible resolution for each source, while the addition of the RX-70-4K-SCL HDBaseT scaling receiver adds 4K-2K scaling and frameless switching.

The company says the H2X switchers offer the same best-in-class video performance as the current H2 matrix platform, with 4K UHD 4:2:0 8bit 60Hz and 10-bit HDR 24Hz up to 70m with Class A HDBaseT supporting the 5Play feature set and ARC to all zones. HDMI 18Gb/s inputs and mirrored outputs offer full-range 4K UHD transmission capacity, with automatic or manual CEC power triggers for every HDMI or HDBaseT output.

Modular architecture allows custom configuration support, and an optional HDBaseT Input/HDBaseT Output transmission card is also available. Both HDBaseT ports support the 5Play feature set, meaning PoH, ethernet and control signals are passed to both transmitter and receiver locations. On the audio side, the integrated audio matrix handles 3 possible source inputs per zone in the form of audio-dembeding of HDMI video sources, ARC from zones up to 5.1 and adjustable line-level audio only sources via S/PDIF audio input.

"The H2X is an important release for WyreStorm, both in terms of its powerful feature set for residential and commercial applications, but also as an example of not merely following the trend of keeping up with technology. The H2X is something completely new," the company says. " A product that really breaks new ground and opens up incredible integration opportunities for the dealer that we are confident they will appreciate.”

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