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Contact:

Brian Galante

Dimension PR

570-898-2224

brian@dimensionpronline.com

Link to Image: [AT-PRO5-MX810](#)

Atlona PRO5 Series Takes the Matrix Switcher into New Territory

Series features a matrix switcher and two companion receivers that break new ground in long-distance, point-to-point 4K video and audio extension

SAN JOSE, California, March 19, 2025 – [Atlona](#)'s path of AV innovation takes another leap forward with the PRO5 Series, a next-generation matrix switching solution featuring an industry-first breakthrough for long distance, point-to-point extension.

Now shipping, Atlona's PRO5 Series is anchored by the **AT-PRO5-MX810**, an 8x10 matrix switcher with HDMI inputs and AV extension outputs featuring SDVoE® technology, for point-to-point transmission of 4K HDR video and audio to companion PRO5 Series receivers. This innovative solution is great for applications in education and corporate environments continue that call for high-performance, reliable matrix switching to route sources to multiple displays in remote destinations.

The PRO5-MX810 matrix switcher is HDCP 2.3 compliant, and supports 4K/60 4:4:4 and HDR at HDMI data rates up to 18 Gbps. Each SDVoE extension output includes an RJ45 port, and an SFP+ cage for copper or fiber optic 10GbE connectivity to transmit video, embedded audio, Gigabit Ethernet, and RS-232 and IR control signals to the receiver. The RJ45 port allows extension up to 330 feet (100 meters) over CAT6a UTP cable, along with PoE for powering the receiver, while the SFP+ cage can be used with a compatible fiber optic transceiver module to extend from 38 meters up to 10 kilometers over fiber optic cable.

The PRO5-MX810 includes a comprehensive host of audio and control system integration features, including independent audio matrix switching, and the ability to individualize CEC display control per output. Video processing is available in the companion **AT-PRO5-101-SC-RX** scaling receiver, including 4K video upscaling and downscaling with frame rate conversion, and video wall processing. (Also available is the **AT-PRO5-101-RX** receiver without video processing.) When extending over copper, the PRO5-MX810's PoE capability provides integrators with the flexibility

Global Headquarters

70 Daggett Drive, San Jose, CA 95134 | US: 1.877.536.3976 | 1.408.962.0515 | atlona.com



to install PRO5 receivers adjacent to a display or projector without local AC power. End users benefit from long-term reductions in energy usage through the ability to shut down receivers via PoE from the matrix switcher, along with triggering display control via CEC.

“The PRO5 Series represents a remarkable new achievement in the evolution of the traditional matrix switcher, especially as it pertains to long-distance signal extension in learning and meeting spaces,” said Marshall Simmons, Product Manager at Atlona. “The PRO5-MX810’s high-performance, point-to-point SDVoE transmission capabilities bring the benefits of full-bandwidth distribution without the costs of a full 10GbE network, and opens new opportunities through native video processing, video wall capability, and fiber optic extension. Atlona customers can also rest assured that the PRO5 Series offers proven dependability and ample capacity to serve most commercial applications that require flexible multi-zone AV distribution.”

For more information on the PRO5 Series, please visit <https://atlona.com/at-pro5-mx810>.

About Atlona

Atlona, a Panduit company, is a leading manufacturer of AV distribution, AV over IP, collaboration, and control solutions. Our core brand vision is to improve technology for the sharing of ideas, through innovative AV products used every day in a wide variety of commercial and educational applications. Atlona prioritizes quality, user experience, simplicity, and management in every product we develop. More information about Atlona is available at atlona.com.

About Panduit

Global connectivity leader Panduit Corp. creates innovative electrical and network infrastructure solutions for applications across the enterprise. Headquartered in Tinley Park, Ill. and operating in 112 worldwide locations, Panduit’s technology leadership and robust ecosystem help support, sustain, and empower business growth in a connected world. panduit.com

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