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Link to Image: JunoX™ 451 HDBT

Atlona Launches Four-Input HDMI and HDBaseT Switcher for HDR-Enhanced 4K/UHD Signals

New JunoX™ 451 HDBT shipping immediately and will be showcased at CEDIA Expo

SAN JOSE, California, July 9, 2018 – Atlona today introduced the **JunoX™ 451 HDBT** (AT-JUNO-451-HDBT) HDMI and HDBaseT switcher for high dynamic range (HDR) formats, the latest entry in the company's extensive range of HDR-enabled 4K/UHD signal routing solutions. Available immediately and ideal for both residential and commercial AV applications, the new four-input switcher will make its residential-market exhibition debut in booth 3015 at the 2018 CEDIA Expo (September 4-8, San Diego) as part of Atlona's ongoing 15th anniversary celebrations.

Combining the rich features of the proven **JunoX 451** (AT-JUNO-451) 4x1 HDMI switcher with the benefits of HDBaseT for transporting signals over longer distances, the JunoX 451 HDBT features three HDMI inputs alongside one HDBaseT input for receiving video, embedded audio and Ethernet over CAT6a or CAT7 cable up to 330 feet (100 meters). Automatic input selection using hot plug detect (HPD) and active video detection technology intelligently switches between inputs without user intervention when a new source is connected.

The JunoX 451 HDBT supports 4K/UHD video at 60 Hz with 4:4:4 chroma sampling and is compliant with the HDCP 2.2 content protection specification. Able to pass metadata for HDR content, the Juno X 451 HDBT supports the 4K HDR10 and Dolby® Vision™ HDR formats at 60 Hz. The new switcher is compatible with all video resolutions, audio formats and color spaces in the HDMI 2.0b specification, ensuring seamless interoperability with new and emerging 4K/UHD source and display devices.

Pristine image quality and compatibility with the latest HDR-equipped sources, projectors and displays make the JunoX 451 HDBT equally at home in residential theater installations or in

detail-intensive, professional AV environments. Supporting HDMI data rates up to 18 Gbps, the new switcher can receive HDBaseT at data rates up to 10 Gbps from current Atlona distribution solutions including the **AT-UHD-PRO3** family, **AT-UHD-CAT** product line and **AT-UHD-SW** series, as well as 18 Gbps 4K HDR HDBaseT signals from forthcoming Atlona matrix switchers.

HDMI audio de-embedding extracts two-channel PCM or multi-channel bitstream audio to the switcher's TOSLINK optical digital audio output for flexible integration, while support for the HDMI Audio Return Channel (ARC) provides an return audio pathway from a television set to an AV receiver or soundbar via the TOSLINK connection. The JunoX 451 HDBT offers TCP/IP, RS-232 and IR control capabilities and can be configured and managed over a network through its integrated web interface, the Atlona Management System (**AMS 2.0**) software or Atlona's ground-breaking **Velocity™** IP-based AV control platform.

"The valuable integration features, reliability and ease of use of the HDMI-only JunoX 451 have made it very popular with customers and systems integrators for HDR-enhanced residential and commercial switching needs," said Joshua Castro, Atlona product manager. "We're pleased to build on these benefits with the JunoX 451 HDBT, leveraging the reliability and convenience of HDBaseT to provide input interface versatility while making it even easier to integrate with shared sources from another room over long distances."

The JunoX 451 HDBT is now shipping and includes Atlona's award-winning 10-year limited product warranty to ensure long-term reliability and performance for integrators and users.

About Atlona

Celebrating 15 years of innovation, Atlona is a leading global manufacturer of AV and IT distribution and connectivity solutions. In an ever-changing industry, the company has been designing and engineering innovative, award-winning products for a diverse range of residential and commercial AV and IT markets, including education, business, government, entertainment, and healthcare.

Atlona's products and services enable system designers, integrators, consultants, and installers worldwide to simplify installation, minimize maintenance and maximize the versatility of premier automated control solutions. Atlona's customer-driven products are designed and developed with the features, performance and

reliability that leaders demand. More information about Atlona is available at https://atlona.com/. Follow Atlona on Twitter at @Atlona.

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