

Extron Adds to PLUS Matrix Switcher Series

Written by Frederick Douglas
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Extron adds the DXP 42 HD 4K PLUS to the DXP HD 4K PLUS line of high-end matrix switchers-- a 4x2 model supporting data rates of up to 18Gbps and video resolutions reaching 4K@60Hz with 4:4:4 chroma sampling.



In order to maintain signal integrity and reliability, the switcher provides automatic cable equalisation on each input and independent output reclocking to reshape and restore video signal timing on both HDMI outputs. EDID Minder and Key minder ensure what Extron says is optimal system performance and compliance with HDCP-encrypted content.

The matrix switcher also facilitates easy integration into a wide variety of professional AV applications with audio de-embedding and audio breakaway capabilities. The audio outputs simplify integration with a local audio system. Installers can switch embedded digital audio from a source along with the corresponding video signal to either or both selected HDMI outputs.

Built-in audio de-embedders allow the routing of signals to analog audio outputs and made available as line-level stereo audio on captive screw connectors. The internal de-embedders eliminate the need for external HDMI audio extraction products. The result of integrating the DXP 42 HD 4K PLUS matrix switcher is fewer boxes in the AV system, reducing complexity and maintenance costs.

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The DXP 42 HD 4K PLUS is available now.

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