

Key Digital Debuts KD-X2x1WVTx

Written by Frederick Douglas
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Key Digital announces the KD-X2x1WVTx, an HDBaseT wall-plate transmitter and presentation switcher with x1 HDMI and x1 VGA + Analog audio input designed for professional video installations.



The KD-X2x1WVTx has two native Rx integration options-- for point-to-point extension the KD-X2x1WVTx can be received by KD-X40MRx black box HDBaseT Rx. For larger video systems requiring additional source connectivity, KD-X2x1WVTx can be integrated with KD-PS42 to create a complete presentation switcher solution including wall-plate interface, x3 additional HDMI inputs, audio de-embedding, CEC control of the connected monitor/projector and mirrored HDBaseT plus HDMI output.

KD-X2x1WVTx is HDCP 2.2 compliant and supports 4K/UHD 24/25/30/60 (4:4:4) resolutions with up to 18Gbps bandwidth. It extends 4K/UHD signals up to 40m and 1080p signals up to 70m via single CAT5e/6 cable. In addition to AV signals, KD-X2x1WVTx extends IR and RS232 for controlling remotely located equipment.

The kit converts VGA video and analog audio to HDMI, and features video scaling of aspect ratio, resolution set, image size, image position, image phase and colour tone processing of VGA signals to ensure proper display. KD-X2x1WVTx supports all SD, HD, VESA (VGA, SVGA, XGA, WXGA, SXGA, UXGA) and UHD/4K up to 4096×2160 or 3840×2160 24/25/30/60hz at 4:4:4 (signals up to 18Gbps bandwidth). It is also HDR10 and Dolby Vision capable, and supports Deep Color with ranges up to UHD/4K 30Hz 4:4:4/12 bits or 60Hz 4:4:4/8-bit. Lossless compressed digital audio format support includes Dolby TrueHD, Dolby Digital Plus, Dolby Atmos and DTS-HD Master Audio.

The KD-X2x1WVTx is controllable via RS-232 or IP via API.

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