



Video Matrix Series

ORDER NO. EL-4KM-V88, EL-4KM-V44-KIT



The ELAN Video Matrix Series of HDMI products seamlessly integrates with ELAN control systems to create the ultimate viewing experience in any room.



EL-4KM-V88



EL-4KM-V44-KIT

ELAN Video Matrices deliver the range of industry-leading features expected from today's HDMI distribution products.

With distribution of 4K HDCP 2.2 compliant video, Bi-directional IR, RS-232 serial communication*, and PoH (PoE) up to lengths of 70m over a single Category cable the ELAN Video Matrix Series allows you to take your installation to the next level.

The ELAN Video Matrices provide a simple and elegant solution to ensure flawless signal distribution. The Video Matrix Series feature Audio Return Channel (ARC) and HDBaseT Outputs. Products in the series offer the flexibility to route HDMI signals to any destination, allowing for the utmost in viewing entertainment, on any TV/monitor in the home.

HDBaseT technology is incorporated to facilitate high-definition content distribution. HDBaseT is used to feed monitors 4K or 1080P images, and feeds all of the high definition audio formats to the audio system. HDBaseT also connects control signals and Ethernet to remote areas,

enabling control of monitors & sources and providing internet to smart TV's, streaming sources and gaming devices. With two-way IR and RS-232 pass-through* the ELAN Video Matrix series delivers the benefits offered by HDBaseT while providing seamless control integration of devices located throughout the project.

Using one of ELAN's powerful System Controllers allows the Video Matrix Series to be easily configured through the ELAN Configuration Software. In just seconds, the integrator can define audio channels, designate EDID presets and insert audio delays on outputs to correct any lip-sync issues within the system all from ELAN's Configuration Software. The built-in web interface module gives you the option to setup and use these powerful products in all your installations even without an ELAN controller!



TOP: Integration of the ELAN Platinum Series matrices is seamless using ELAN's Configuration Software.

BOTTOM: Control of the ELAN Platinum Series matrices is seamless, using the award winning ELAN user interface.



* only on the 44-Kit



Video Matrix Series

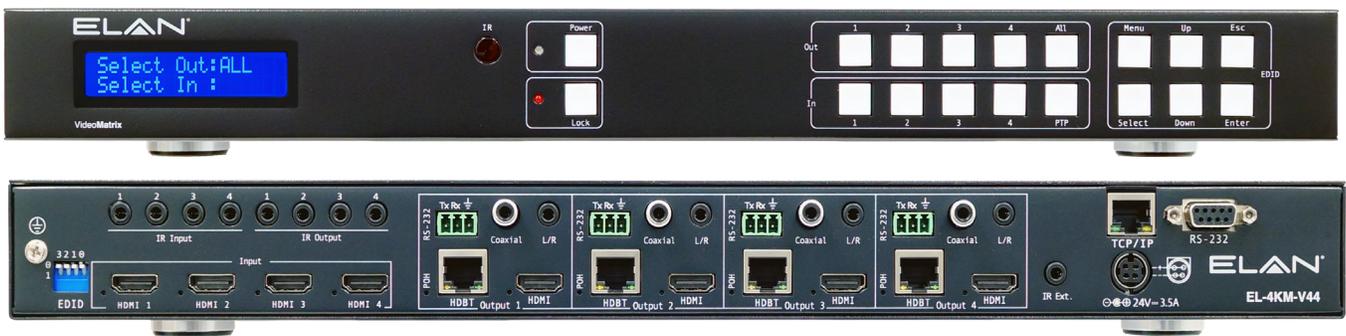
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COMMON FEATURES:

- HDMI 2.0 inputs
- HDCP 2.2 Compliant
- Extend 4K UHD video up to 40m (3840 x 2160 @30Hz 4:4:4, 4096 x 2160 @24Hz 4:4:4, and 4K @60Hz 4:2:0)
- Extend 1080P video up to 70m
- Dolby TrueHD®, Dolby Atmos®, Dolby Digital Plus® and DTS-HD Master Audio® pass-thru
- Advanced HDBaseT technology offering uncompressed video and audio with zero latency
- Advanced EDID Management
- Web Interface for control and configuration of matrix
- Bi-directional IR from all input and output locations
- Supports PoH (Power over HDBaseT)
- 1U Design for 19" rack mount integration
- Front Panel Control
- Works seamlessly with ELAN System Controllers



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SPECIFICATIONS	
Video Input Connectors	8x HDMI Type A, 19-pin, female
Video Output Connectors	6x HDBaseT RJ45 connector, 2x HDMI Type A, 19-pin, female
RS-232 serial ports	DB-9, female
TCP/IP Control	RJ45, female
IR Input ports	9x5v 3.5mm stereo jack
IR Output ports	8x5v 3.5mm mono jack
Rack-Mountable	1U rack height, rack ears included
Casing Dimensions (W x H x D)	17.35" x 11.85" x 1.7" (440mm x 300mm x 43mm) without feet
Dimensions Including Connections (W x H x D)	17.35" x 12" x 1.7" (440mm x 305mm x 43mm) with feet
Shipping Weight	5.95lbs (2.7kg)
Operating Temperature	32°F to 104°F (0°C to 40°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Power Supply	12V/5A DC (main) & 24V/6A DC (POH)



EL-4KM-V88



Video Matrix Series

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FEATURES

- Bi-Directional RS-232 from all input and output locations
- Simultaneous HDBaseT and HDMI outputs
- Audio Return Program (ARP) over HDBaseT
- Includes 4 x EL-4KHDBT-RX-40-IRS HDBaseT Receivers (Shown below)



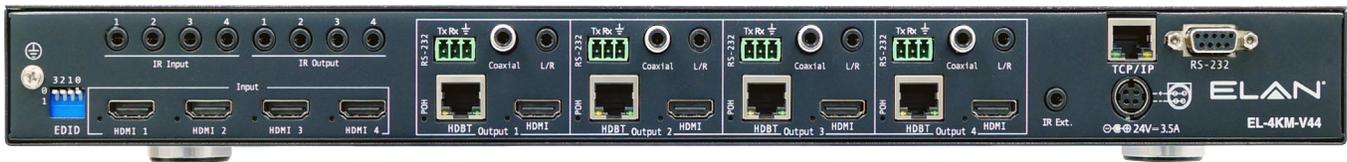
FRONT



BACK



SPECIFICATIONS	
Video Input Connectors	4x HDMI Type A, 19-pin, female
Video Output Connectors	4x HDMI Type A, 19-pin, female, 4x HDBaseT RJ45 connector
Audio Output Connectors	4x 3.5mm stereo jack
RS-232 serial ports	5x DB-9, female
TCP/IP Control	1x RJ45, female
IR Input ports	5x5v 3.5mm stereo jack
IR Output ports	4x5v 3.5mm mono jack
Rack-Mountable	1U rack height, rack ears included
Casing Dimensions (W x H x D)	17.35" x 9.25" x 1.7" (440mm x 235mm x 43mm) without feet
Dimensions (W x H x D)	17.35" x 9.5" x 1.7" (440mm x 241mm x 43mm) with feet
Shipping Weight	5.95lbs (2.7kg)
Operating Temperature	32°F to 104°F (0°C to 40°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Power Supply	1x 24V/3.5A DC (POH)



EL-4KM-V44



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