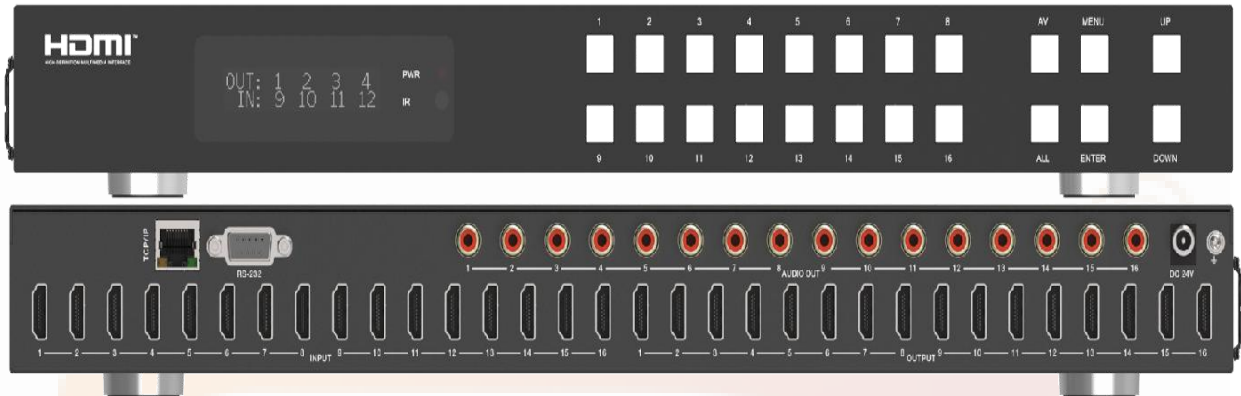


4K 18G HDMI MATRIX SWITCH – 16 x 16



MODEL NO.: - PA-HMX-1616

OVERVIEW: -

The HDMI Matrix is a professional AV signal routing solution designed to distribute multiple HDMI source devices to multiple displays with complete routing flexibility. It delivers crystal-clear Ultra HD video and high-quality audio while enabling independent switching of any input to any output. Featuring intelligent EDID management, reliable signal transmission, and multiple control options, it is ideal for professional AV installations, ensuring seamless operation in demanding commercial environments.

FEATURES: -

- ✓ Supports multiple HDMI inputs and outputs for flexible signal routing
- ✓ Independently routes any input to any output
- ✓ Supports Ultra HD video resolution up to 4K @ 60Hz
- ✓ HDMI 2.0 and HDCP 2.2 compliant
- ✓ High bandwidth up to 18 Gbps
- ✓ Supports HDR and Deep Color for enhanced image quality
- ✓ Intelligent EDID management for optimal display compatibility
- ✓ Supports embedded digital audio transmission
- ✓ Multiple control options including Front Panel, IR Remote, RS-232, and Web/LAN control
- ✓ Plug-and-play operation with easy installation
- ✓ Stable, reliable performance for continuous 24/7 operation
- ✓ Durable metal enclosure for professional AV environments

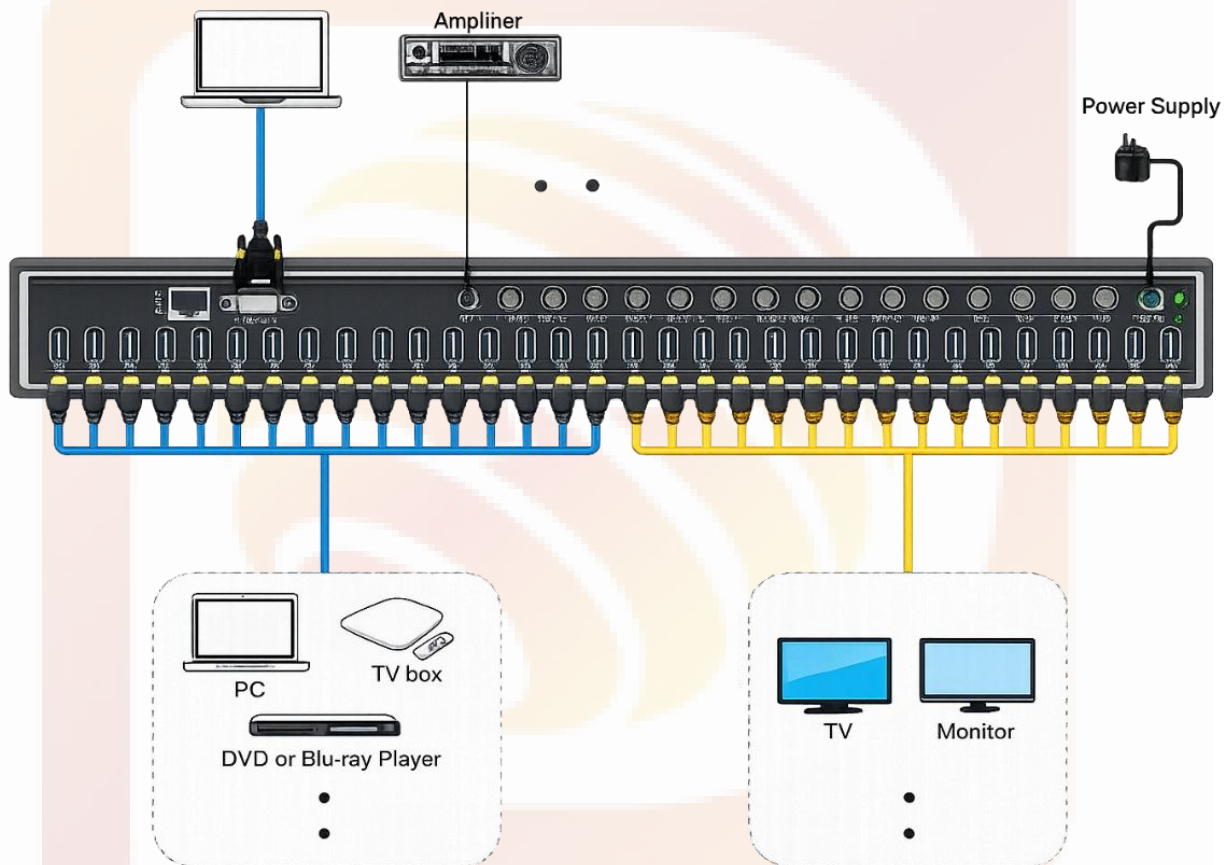
TECHNICAL SPECIFICATIONS: -

PARAMETER	SPECIFICATIONS
HDMI Compliance	HDMI 2.0
HDCP Compliance	HDCP 2.2/1.x
Video Bandwidth	18Gbps
Video Resolution	Up to 4K2K@60Hz (4:4:4)
Color Space	RGB, YCbCr 4:4:4/4:2:2/4:2:0
Color Depth	8-bit,10-bit, 12-bit
HDMI Audio Formats (Pass-through)	LPCM 2/5.1/7.1, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X
Coax Audio Formats	LPCM 2.0, Dolby Digital / Plus, DTS 5.1
HDR Support	HDR10, HDR10+, Dolby Vision, HLG
ESD Protection	Human body model: ±8kV (air-gap discharge) & ±4kV (contact discharge)
Input Ports	16x HDMI Type A [19-pin female]
Output Ports	16x HDMI Type A [19-pin female] 16x Coax Audio (RCA)
Control port	1x TCP/IP [RJ45] 1x RS-232 [D-Sub 9]
Housing	Metal Enclosure
Color	Black
Dimensions	440mm (W)x200mm (D)x44mm (H)
Weight	3.1kg
Power Supply	Input: AC 100 - 240V 50/60Hz, Output: DC 24V/3.75A
Power Consumption (Max)	76.8W
Operation Temperature	14°F - 113°F / -10°C - 45°C
Storage temperature	-4°F - 140°F / -20°C - 60°C
Relative Humidity	20 - 90% RH (no condensation)

APPLICATIONS: -

- Conference Rooms & Boardrooms
- Corporate Offices & Training Centers
- Control Rooms & Security Monitoring
- Educational Institutions & Auditoriums
- Digital Signage & Broadcast Studios
- Hotels, shopping malls & Smart Buildings

MECHANICAL DIAGRAM: -



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