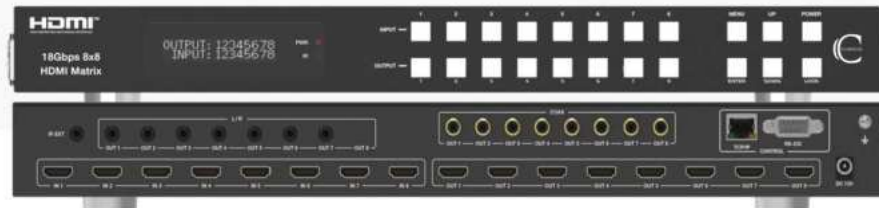


HDMI Matrix

Model No.: CLA-MTX88HDMI



SUMMARY

Experience uncompromising performance with the HDMI Matrix. Designed for professional AV environments, it delivers 4K@60Hz (YUV 4:4:4) video and crystal-clear multi-channel audio from eight HDMI sources to eight HDMI displays. Advanced audio features include de-embedding to analog and coaxial outputs, plus ARC support for extracting audio directly from connected displays. Each output offers independent 4K to 1080p downscaling, ensuring seamless compatibility across mixed-resolution setups. With multiple control options—front panel, IR remote, RS-232, LAN, and Web GUI—this matrix combines flexibility, reliability, and ease of use, making it the perfect solution for high-end installations.

FEATURES

- ❖ **Future-proof compatibility**
With HDMI 2.0b and HDCP compliance, you're assured seamless integration with the latest devices and protected content.
- ❖ **Unmatched visual clarity**
Enjoy breathtaking 4K@60Hz resolution with full HDR support, delivering lifelike colors and contrast for every display.
- ❖ **Flexible display management**
Independent 4K to 1080p downscaling ensures smooth operation across mixed-resolution setups without compromise.
- ❖ **Immersive audio experience**
Pass-through up to 7.1-channel HD audio, plus de-embedded analog and coaxial outputs, give you complete control over sound distribution.
- ❖ **Smart integration**
ARC, CEC, and EDID management simplify setup and guarantee optimal communication between devices.
- ❖ **Professional design**
A compact 1U rack-mount chassis with OLED display provides durability, efficiency, and easy monitoring in any installation.
- ❖ **Effortless control**
Multiple options including front panel, IR remote, RS-232, LAN, and Web GUI make operation intuitive and versatile

HDMI Matrix

Model No.: CLA-MTX88HDMI

SPECIFICATIONS

Model	CLA-MTX88HDMI
HDMI Compliance	HDMI 2.0
HDCP Compliance	HDCP 2.2 and HDCP 1.4
Video Bandwidth	18Gbps
Video Resolution	Up to 4K2K@50/60Hz (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
Video Resolution	4K60-5m/16ft, 4K30-10m/32ft, 1080p60-15m/50ft
L/R Audio Formats	PCM2.0CH
HDR Support	HDR10, HDR10+. Dolby Vision, HLG
ESD Protection	Human body model: ±8kV (air-gap discharge) & ±4kV (contact discharge)
Input Ports	8x HDMI Type A [19-pin female] 1x IR EXT [3.5mm Stereo Mini-jack]
Output Ports	8x HDMI Type A [19-pin female] 8x Coax Audio (RCA) 8x L/R Audio [3.5mm Stereo Mini-jack]
Control port	1x TCP/IP [RJ45] & 1x RS-232 [D-Sub 9]
Housing	Metal Enclosure
Color	Black
Dimensions	440mm (W)x200mm (D)x44.5mm (H)
Weight	2.8kg
Power Supply	Input: AC 100 - 240V 50/60Hz Output: DC 12V/5A
Operation Temperature	14°F - 113°F / -10°C - 45°C
Relative Humidity	20 - 90% RH (no condensation)

