

M88-8K

HDMI 2.1 (48Gbps) 8K/4K120Hz.

8x8 HDMI Matrix with ARC

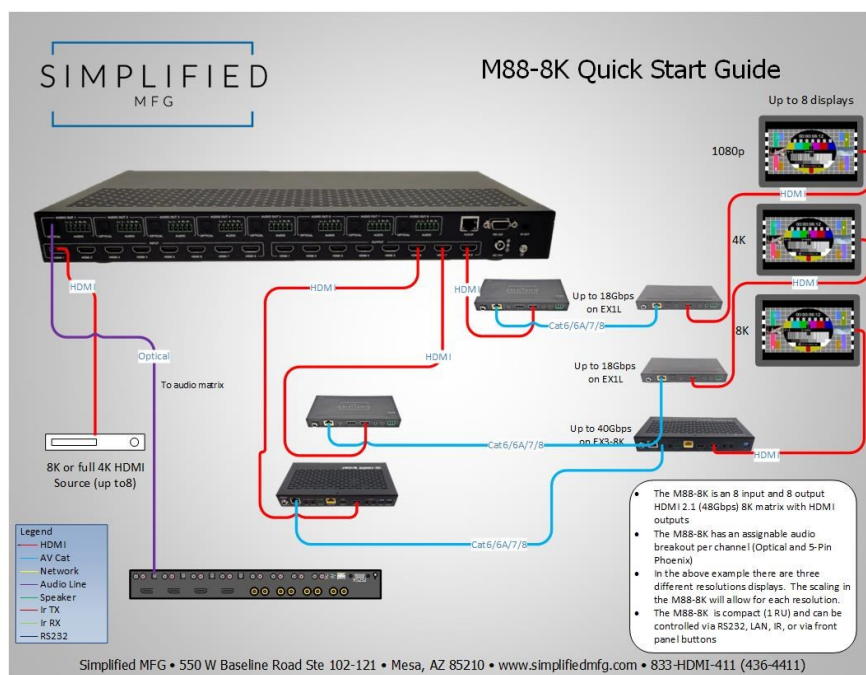
SIMPLIFIED
MFG

The M88-8K is an 8x8 AV matrix utilizing 48Gbps processing. The M88-8K supports the entire HDMI 2.1 format. This includes any 4K signal up to 120Hz. along with the 8K formats supported in the HDMI2.1 technology. Audio breakout can be assigned one of three ways (from the input, the output or from the ARC of the display on that zone). Other features include scaling so it is possible to have 8K, 4K and 1080p displays in the same venue seamlessly integrated. Easy to use web GUI for assigning audio, naming zones and presets, setting EDID, and setting the scaling features. The matrix can be paired with AOC HDMI cables, fiber extenders or with EX3-8K 40Gbps HDMI on category cable extender for support of all 4K signals on category cable. The M88-8K give you uncompressed full support of the HDMI 2.1 signals.



Features:

- HDMI 2.1 (48Gbps) & HDCP 2.3 compliant
- Supports 48Gbps FRL (Fixed Rate Link) & 18Gbps TDMS bandwidths
- Video resolutions up to 8K@60Hz. (4:2:0) 12-bit, 8K@30Hz. (4:4:4) 12-bit, & 4K@120Hz. (4:4:4) 12-bit
- Selectable audio breakout (from source, output, or from ARC)
- HDMI 2.1 support including VRR (Variable Refresh Rate), ALLM (Auto Low Latency), QMS (Quick Media Switching), QFT (Quick Frame Transfer), & SBTM (Source-Based Tone Mapping)
- Supports HDR, HDR10+, HLG and DolbyVision™
- Supports all high-definition audio formats including Dolby+/Atmos
- EDID Management through innovative web GUI
- 3 Party control drivers available
- 3 Year Warranty



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Specifications:

Technical	
HDMI Compliance	HDMI 2.1
HDCP Compliance	HDCP 2.3
Video Bandwidth	48Gbps FRL
Video Resolutions	Up to 8K@60Hz. (4:2:0) 12-bit, 8K@30Hz. (4:4:4) 12-bit, & 4K@120Hz. (4:4:4) 12-bit
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2
Color Depth	8-bit, 10-bit, 12-bit at 1080p and at UHD/4K
HDR	HDR, HDR10+, HLG, and DolbyVision
Audio Formats	HDMI Input/Output, LPCM 2.0/2.1/5.1/6.1/7.1, Dolby Digital, Dolby TrueHD, Dolby Digital Plus(DD+) Dolby Atmos, DTS-ES, DTS HD Master, DTS HD-HRA, DTS-X Optical Output LPCM 2.0CH., Dolby/DTS 5.1CH. Analog Output LPCM 2.0CH (balanced or unbalanced)
ESD Protection	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)
Connections	
Inputs	8x HDMI Type A [19-pin female]
Outputs	8xHDMI Type A (19-pin female) 8x Optical (S/PDIF) 8x 5-Pin Phoenix (balanced or unbalanced audio)
Control Ports	1x TCP/IP [RJ-45] 1x RS-232 [D-Sub 9] 1x 3.5mm mini-jack [IR ext.]
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	440mm / 17.32" (W) x 203mm / 8.0" (D) x 44.5mm / 1.75" (H)
Weight	2.94Kg / 6.48 lbs.
Power Supply	Input: AC100 - 240V 50/60Hz Output: DC 24V/3.75A (US/EU standards, CE/FCC/UL certified)
Power Consumption	70W (Max)
Operation Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)