



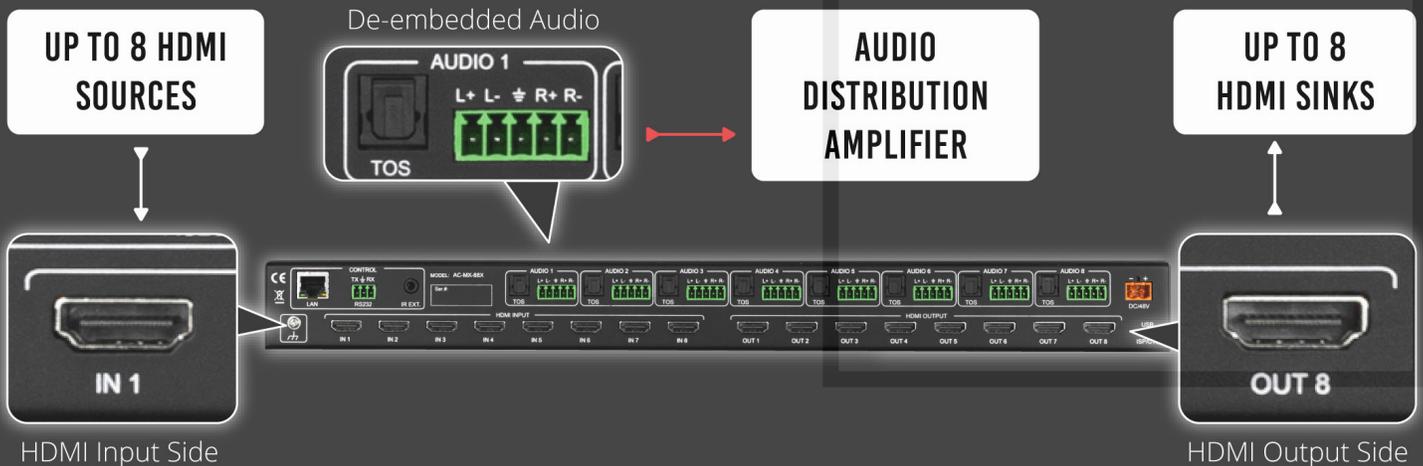
## 40Gbps 8K 8x8 Matrix Switch AC-MX-88X

Simply stated, the AVPro Edge AC-MX-88X is a classic transformed into an icon. Our engineers focused on reimagining the venerable AC-MX-88, boosting bandwidth to an ultrawide 40Gbps with 8K input and output stages, for a world-first, Next-Gen 8 input / 8 output matrix switching platform providing a foundation for all possibilities that follow. "X" marks the spot for high performance that is unmistakably AVPro Edge, as we once again redefine the face of the HDMI switching era. Gaming enthusiasts, rejoice - multiple inputs for multiple consoles! Select Xbox Series X, PlayStation 5, or your Alienware Aurora Ryzen by control system or from the supplied IR remote and leave the cable juggling to Cirque du Soleil.

The AC-MX-88X, designed with the needs of Next-Gen users in mind, prepares your clients for tomorrow's over-the-near-horizon signals, while ultrawide bandwidth supplies sure-footed dynamic headroom for hiccup-free performance with HDMI 2.1a devices. With the unmatched pedigree of AVPro Edge behind it tradition never fails, as the AC-MX-88X lets you break convention and seek perfection.



## CONNECTION DIAGRAM



# PRODUCT SPECIFICATIONS

VIDEO:	
VIDEO RESOLUTIONS	UP TO 8K 60HZ 4:2:0/8K 30HZ 4:4:4/4K 120HZ
HDR FORMATS/RESOLUTIONS	420, 422, 444 (10 AND 12 DEEP COLOR) HDR10, HDR10+, DOLBY VISION, HLG
COLOR SPACE	YUV (COMPONENT), RGB (CSC: REC. 601, REC. 709, BT2020, DCI, P3 D6500)
CHROMA SUBSAMPLING	4:4:4, 4:2:2, & 4:2:0 SUPPORTED
DEEP COLOR	UP TO 16 BIT
SCALING (AVAILABLE ON ALL OUTPUTS)	8K TO 4K OR 8K/4K TO 1080P
ADDITIONAL HDMI 2.1 FEATURES	ALLM, VRR, QMS, QFT, HFR
AUDIO:	
AUDIO FORMATS SUPPORTED HDMI	LPCM UP TO 7.1 192 KHZ 24BIT, DOLBY DIGITAL, DOLBY DIGITAL PLUS, DOLBY MAT, DOLBY TRUEHD, DOLBY ATMOS (ALL FORMATS), DOLBY AC-4, DTS DIGITAL, DTS DISCRETE, DTS EXPRESS, DTS HIRES AUDIO, DTS MASTER AUDIO, DTS:X
AUDIO FORMATS SUPPORTED EXTRACTED (TOSLINK)	LPCM UP TO 5.1 96KHZ 24 BIT, DOLBY DIGITAL 5.1, DTS HIRES AUDIO
AUDIO FORMATS SUPPORTED EXTRACTED (2CH PORT)	PCM 2 CH
AUDIO EXTRACTION LOCATION	BIND TO INPUT, BIND TO OUTPUT OR MATRIX (INDEPENDENT)
AUDIO DELAY (PER OUTPUT, EXTRACTED)	UP TO 630MS
DISTANCE: WITH HDMI 2.0 SIGNALS (UP TO 18GBPS - TMDs)	
PASSIVE HDMI IN/OUT	UP TO 10 METERS/32.8 FEET
AOC HDMI IN/OUT	UP TO 100 METERS/328 FEET
DISTANCE: WITH HDMI 2.1 SIGNALS (UP TO 40GBPS - FRL)	
PASSIVE HDMI IN/OUT	UP TO 4 METERS/13.1 FEET
AOC HDMI IN/OUT	UP TO 100 METERS/328 FEET
OTHER:	
BANDWIDTH	40GBPS (FRL 5)
HDCP	1.4, 2.X SUPPORT
CONTROL:	
PORTS	LAN, RS232, IR WINDOW
DRIVERS	C4, RTI, ELAN, CRESTRON, URC (FOR MORE INFORMATION - SEE DRIVERS PAGE ON AVPROEDGE.COM/DRIVERS)
AVPRO WEBUI	YES
PORTS:	
HDMI	TYPE A
LAN	RJ45 W/ WEB INTERFACE/ CONTROL
AUDIO (EXTRACTED DIGITAL)	TOSLINK
AUDIO (EXTRACTED ANALOG)	L/R AUDIO
IR RX	WINDOW ONLY (REMOTE INCLUDED)
RS232	3 PIN TERMINAL BLOCK
ENVIRONMENTAL:	
OPERATING TEMPERATURE	23 TO 125°F (-5 TO 51°C)
STORAGE TEMPERATURE	-4 TO 140°F (-20 TO 60°C)
HUMIDITY RANGE	5-90% RH (NO CONDENSATION)
POWER:	
POWER CONSUMPTION (TOTAL)	129.6 WATTS MAX
POWER SUPPLY - MATRIX	INPUT: AC 100-240V ~ 50/60HZ OUTPUT: DC 48V 2.7A
DIMENSIONS:	
DIMENSIONS (UNIT ONLY - HEIGHT/DEPTH/WIDTH)	MM: 44 X 260.35 X 441.45 INCH: 1.73 X 10.25 X 17.38
DIMENSIONS (PACKAGED HEIGHT/DEPTH/WIDTH)	MM: 88.9 X 444.5 X 495.3 INCH: 3.5 X 17.5 X 19.5
WEIGHT (UNIT)	9 LBS (4 KG)
WEIGHT (PACKAGED)	13 LBS (5.6 KG)
*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. MASS & DIMENSIONS ARE APPROXIMATE	

Our best developers have been hard at work bringing our integrators an easy-to-use web based user interface that allows them to set up, troubleshoot, and control this 8K 8x8. The AVPro Edge user interface (AEUI) allows for easy configuration and sets up the 8K 8x8. This 8K matrix switcher also comes with a screen on the unit that can tell you the IP address for connecting directly to your control system. From built-in scaling to complete EDID control and configuring, you can customize every aspect of this device to work perfectly for your system.

## FULL FEATURE SET

- HDMI Specification HDMI 2.1a
- HDCP 2.3 (and all earlier versions supported)
- Up to 8K 60Hz 4:2:0 / 8K 30 Hz 4:4:4, 60-120fps
- 4K 120Hz, 120fps
- 8K to 4K or 8K/4K to 1080p Down Scaling on all outputs
- Balanced Analog Audio Outputs (2 CH PCM)
- Full HDR Support (HDR 10 & 12 Bit)
- Dolby Vision, HDR10+ and HLG Support
- Advanced EDID Management
- IR, RS-232 and LAN Control Option
- Driver Support for C4, Crestron, Elan, RTI, Savant, URC and more
- NOTE: 8K Ultrawide Bandwidth Necessitates the Use of Active Optical Cables for Distances Over 4 Meters. Please see Bullet Train Cables for Length Options.

