



8x2 & 8x2 Rack Mountable Matrix Switchers

(AC-MX82-AUHD, AC-MX82-AUHD-RM)

Eight Input, Two Output HDMI Matrix Switcher built for 4K60 (4:4:4) HDR or Dolby Vision Video





True 4K Matrix Switchers

A 18Gbps 4K HDMI Matrix Switcher with everything an integrator would want.

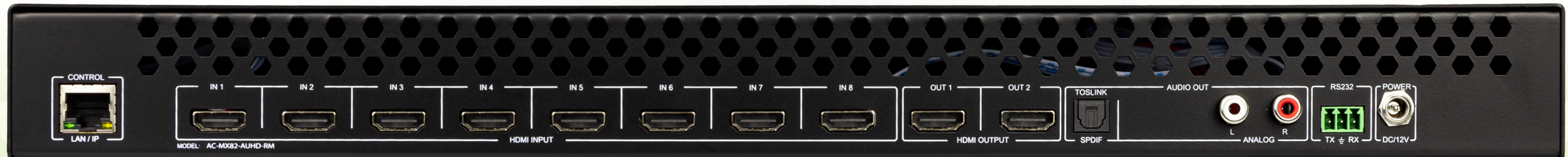
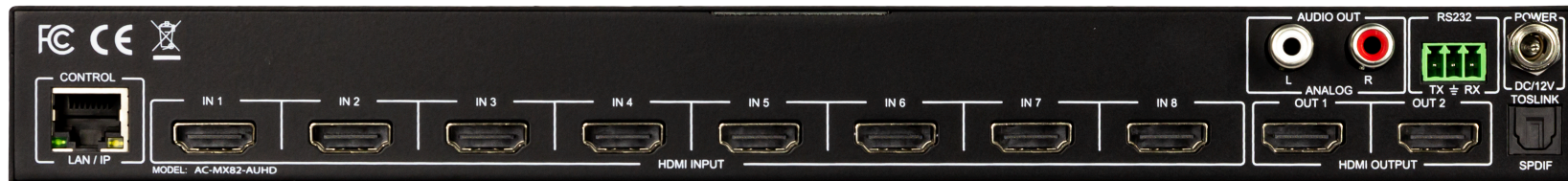
- Full HDR Support (HDR 10 & 12 Bit)
- Dolby Vision, HDR10+ and HLG Support
- HDCP 2.2 (and all earlier versions supported)
- 4K > 1080p Down Scaler (Out 1)
- Perfect AVR Bypass deliver 18Gbps to Display and uncompressed audio to AVR
- Advanced EDID Management





Control

RS-232 and Ethernet Control allow this switch to work alongside your favorite control system. CanvasCSI control from AVPro is a great option if you are looking for a control system, ask a rep today!

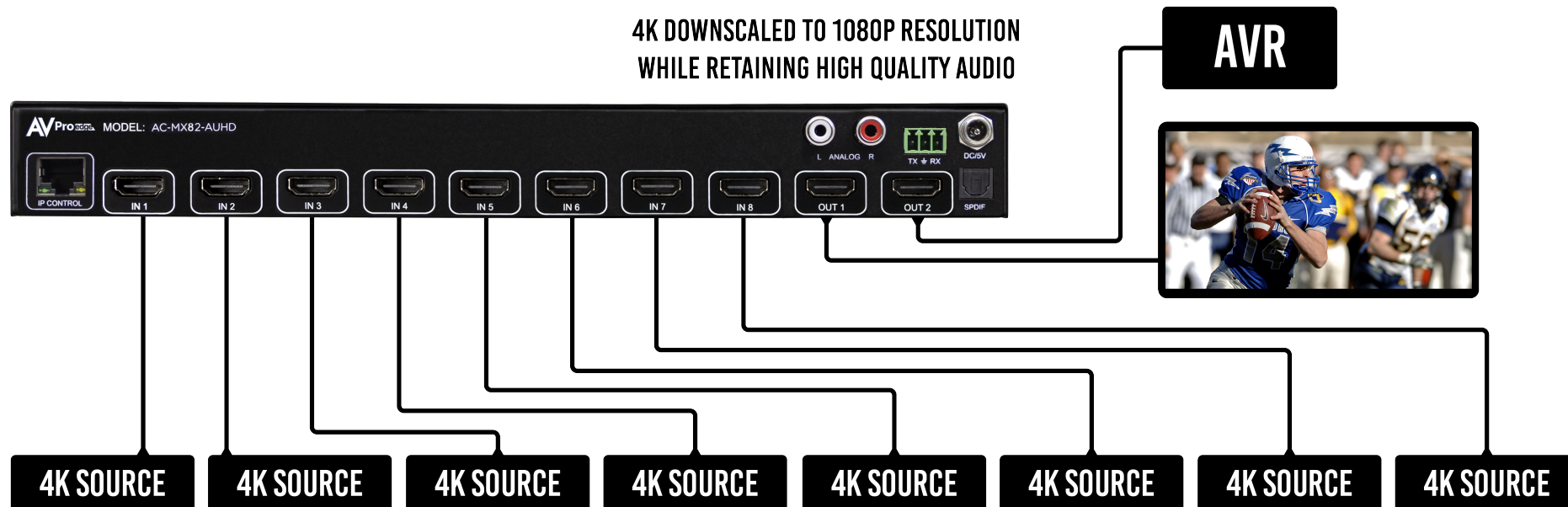
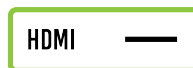


Built-in Downscaling

The increased bandwidths of 4K video have caused millions of HDMI products to not work properly when presented with these new high bandwidth signals. Specifically AVR's, with built in downscaling that is no longer a problem, send 4K to the display and 1080p to the AVR, while not effecting the sound quality in any way.

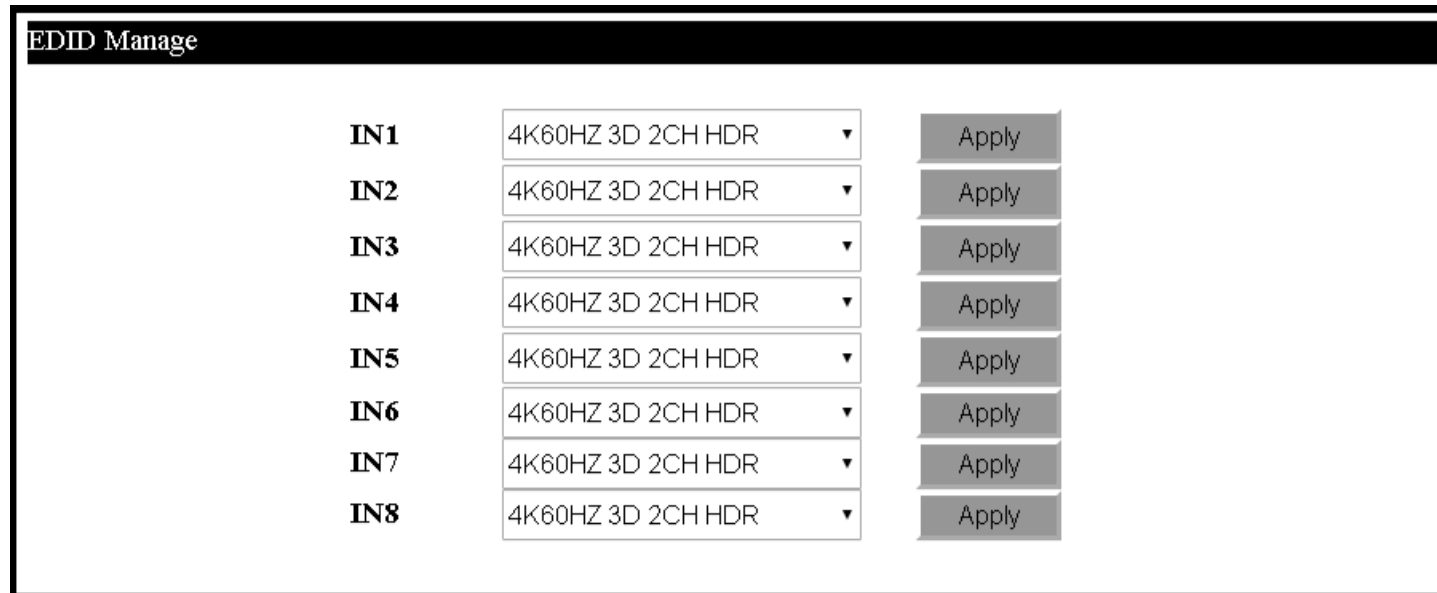


AC-MX82-AUHD AVR BYPASS APPLICATION



Advanced EDID Management And Web OS

Advanced EDID Management is a stock feature on AVPro Edge's 8x2 Matrix Switchers. This allows you to override the EDID's coming from the display and give the source an EDID that you choose. Below is a screenshot of the web os that comes standard with every 8x2, just connect to a network and type the IP address into any browser.



The screenshot displays the 'EDID Manage' web interface. It features a table with 8 rows, each representing an input channel (IN1 through IN8). Each row contains a dropdown menu showing the selected EDID setting, which is '4K60HZ 3D 2CH HDR' for all channels. To the right of each dropdown is an 'Apply' button. The interface is titled 'EDID Manage' in the top left corner.

Channel	EDID Setting	Action
IN1	4K60HZ 3D 2CH HDR	Apply
IN2	4K60HZ 3D 2CH HDR	Apply
IN3	4K60HZ 3D 2CH HDR	Apply
IN4	4K60HZ 3D 2CH HDR	Apply
IN5	4K60HZ 3D 2CH HDR	Apply
IN6	4K60HZ 3D 2CH HDR	Apply
IN7	4K60HZ 3D 2CH HDR	Apply
IN8	4K60HZ 3D 2CH HDR	Apply

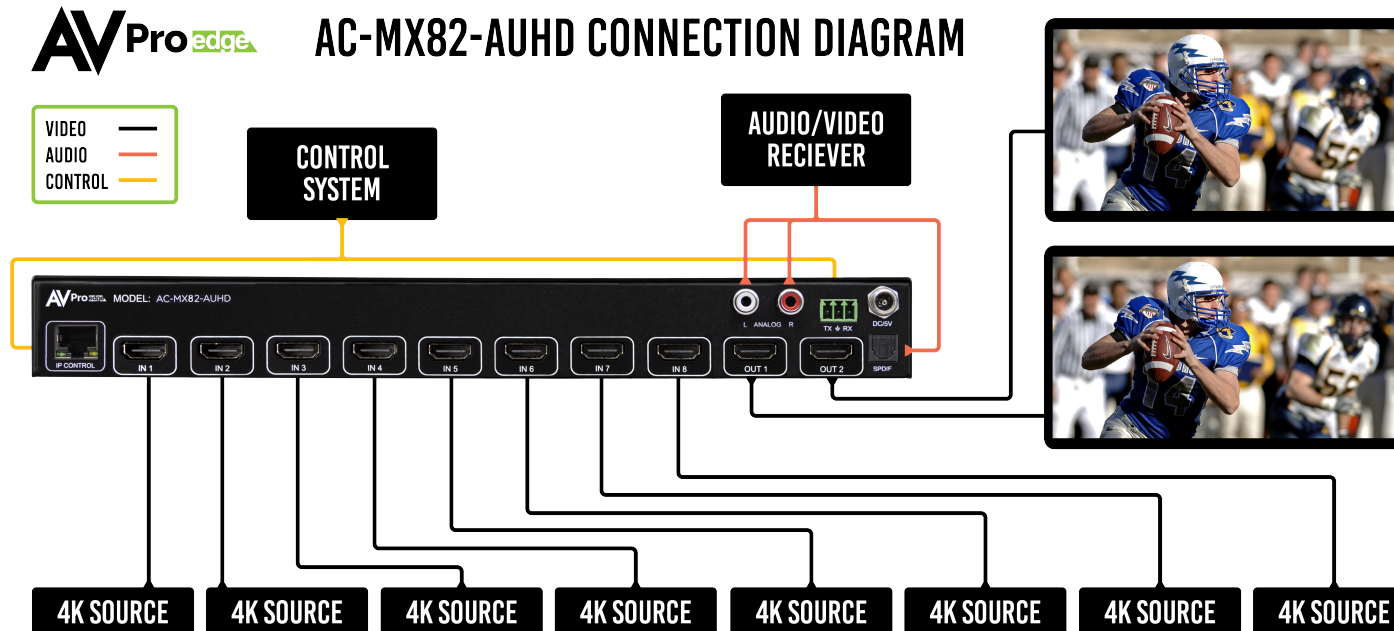
10-Year Warranty

AVPro Edge offers a 10-Year advanced replacement no B.S. warranty. This will give you as the integrator and the customer peace of mind knowing that you have installed a product built to last.



Where do these Fit?

- **Home Theaters:** Perfect for connecting many sources, one output goes to the TV or Projector, one goes to the AVR.
- **Small Homes/Apartments:** With this switch you can have many sources connected to a couple displays, but still use a control system.
- **High Bandwidth Installations:** This Matrix Switcher is ready for the highest bandwidth signals under the 2.0 specification. There isn't any signal this matrix can't handle.



Compatible Products

AC-MX42-AUHD

The 8x2's area actually the big brothers to the original best-selling 4x2. So when you don't need 8 inputs, the 4x2 will do the trick.



444 and Fiber HDMI Extender Kits

Our full line of 444 and fiber extenders are ready to distribute your 4K signal from the 8x2 or into the 8x2 from distances up to 1 Kilometer.



Need More Information?

Never hesitate to give us a call at 605-274-6055, we are always happy to clarify any questions you may have.

www.avproedge.com

info@avproedge.com

VIDEO:	
VIDEO RESOLUTIONS	UP TO 4K 60HZ 4:4:4
VESA RESOLUTIONS	UP TO DCI 4K (4096X2160) 5K (UP TO 5120X3200)
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 (1080), UP TO 12 BIT (4K)
AUDIO:	
AUDIO FORMATS SUPPORTED HDMI	PCM 2.0 CH, LPCM 5.1 & 7.1, DOLBY DIGITAL, DTS 5.1, DOLBY DIGITAL PLUS, DOLBY TRUEHD, DTS-HD MASTER AUDIO, DTS-X, DOLBY ATMOS
AUDIO FORMATS SUPPORTED EXTRACTED (TOSLINK)	PCM 2.0 CH, LPCM 6 CH, LPCM 7 CH, DOLBY DIGITAL, DOLBY DIGITAL PLUS, DTS- MASTER AUDIO
AUDIO FORMATS SUPPORTED EXTRACTED (2CH PORT)	PCM 2 CH
AUDIO EXTRACTION LOCATION	FOLLOWS OUTPUT (SELECTABLE)
DISTANCE:	
HDMI IN/OUT (4K60 4:4:4)	UP TO 50 FEET (USING BULLET TRAIN HDMI)
HDMI IN/OUT (W/ AOC CABLE) (4K60 4:4:4)	UP TO 130 FEET (USING BULLET TRAIN AOC)
OTHER:	
BANDWIDTH	18 GBPS
HDCP	HDCP 2.2AND EARLIER
CONTROL:	
PORTS	LAN, RS232, IR WINDOW
DRIVERS	C4, RTI, ELAN, CRESTRON, URC (FOR MORE INFORMATION - SEE DRIVERS PAGE ON AVPROEDGE.COM/DRIVERS
LAN WEBOS	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 TEMPRATURE	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)	12 WATTS MAX
POWER SUPPLY - MATRIX	INPUT: AC 100-240V ~ 50/60HZ OUTPUT: DC 12V 2A
DIMENSIONS:	
DIMENSIONS (UNIT ONLY - HEIGHT/DEPTH/WIDTH)	MM: 33.54 X 111.12 X 28.98 INCH: 1.32 X 4.37 X 11.06
DIMENSIONS (PACKAGED HEIGHT/DEPTH/WIDTH)	MM: 93.73 X 222.25 X 393.7 INCH: 3.69 X 8.75 X 15.5
WEIGHT (UNIT)	1.8 LBS (.82 KG)
WEIGHT (PACKAGED)	3 LBS (1.36 KG)
DIMENSIONS - RACK MOUNTABLE VERSION (UNIT ONLY - HEIGHT/DEPTH/WIDTH)	MM: 20.5 X 94 X 232.98 INCH: .9 X 3.7 X 9.17
DIMENSIONS - RACK MOUNTABLE VERSION (PACKAGED HEIGHT/DEPTH/WIDTH)	MM: 86.61 X 171.45 X 482.6 INCH: 3.41 X 6.75 X 19
WEIGHT (UNIT) - RACK MOUNTABLE VERSION	3.2 LBS (1.45 KG)
WEIGHT (PACKAGED) - RACK MOUNTABLE VERSION	4.4 LBS (2 KG)
*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. MASS & DIMENSIONS ARE APPROXIMATE	