

THE CLOUD 9

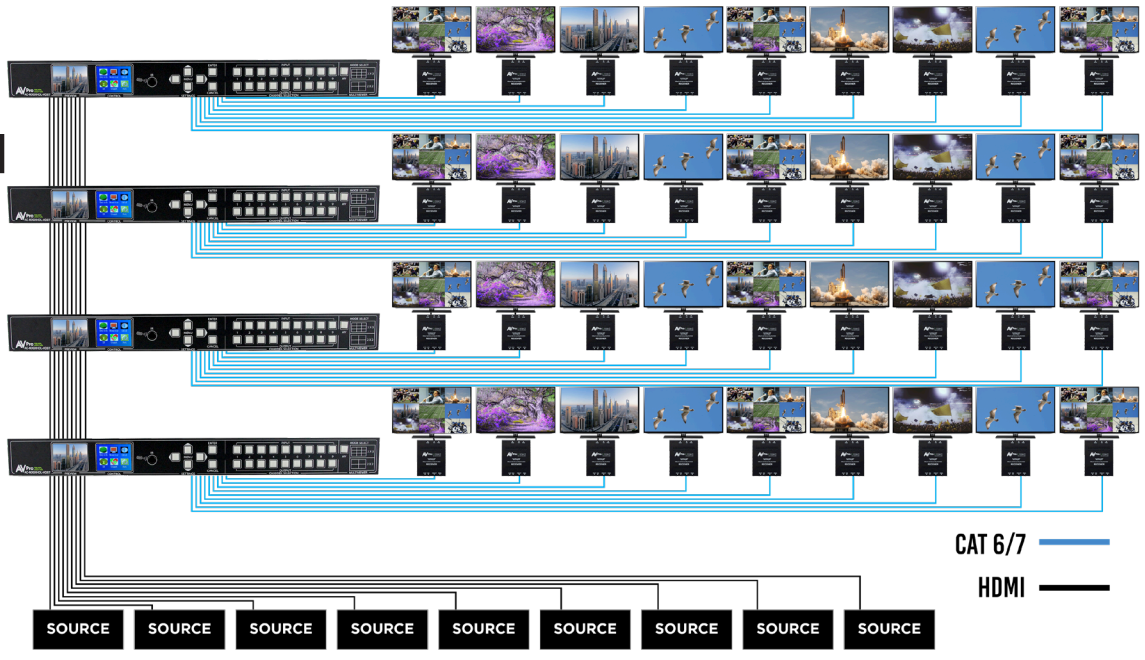
9 x UNLIMITED HIGH DEFINITION LOOP MASS MEDIA MATRIX

AC-MX9XHDL-HDBT

FINALLY, A STABLE ALTERNATIVE TO AV OVER IP. THE CLOUD 9 IS A UNIQUE PIECE OF TECHNOLOGY THAT ALLOWS YOU TO TAKE 9 INPUTS AND DISTRIBUTE THEM TO ALMOST LIMITLESS OUTPUTS BY ADDING OR STACKING ADDITIONAL UNITS.

Utilizing uncompressed HDBaseT technology, this system will truly shine! It is more reliable than others that have come before it and will give actual lossless images on screen, making it ideal for low to no maintenance setups. This is a quick and efficient installation option for larger AV systems because no network switch is required. In addition, you will have access to dual, front panel, color screens to further simplify the setup process. Features of the Cloud 9 include matrixable quad-view, 9-source multi-view, Actual Instant Matrix Switching (AIMS), IR & RS-232 control of the displays, matrixable audio and more.

CLOUD 9 CASCADE APPLICATION



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PRODUCT SPECIFICATIONS	
VIDEO	
VIDEO RESOLUTIONS	UP TO 1080P 60, UNCOMPRESSED FULL HD
VESA RESOLUTIONS	UP TO 1900X1200
HDR RESOLUTIONS	1080 FORMATS ONLY
COLOR SPACE	YUV, RGB (CSC: REC. 601, REC. 709, BT2020)
CHROMA SUB-SAMPLING	4:4:4, 4:2:2, 4:2:0 SUPPORTED
DEEP COLOR	UP TO 12 BIT
AUDIO	
AUDIO FORMATS SUPPORTED HDMI	PCM 2.0 CH, LPCM 5.1 & 7.1, DOLBY DIGITAL DTS 5.1, DOLBY DIGITAL PLUS, DOLBY TRUEHD
AUDIO FORMATS SUPPORTED EXTRACTED	PCM 2.0 CH, LPCM 5.1, DOLBY DIGITAL 5.1, DTS
AUDIO EXTRACTION LOCATION	INPUT, OUTPUT, OR MATRIX (INDEPENDENT)
DISTANCE	
HDBASET OUTPUTS	70M (230 FEET)
HDMI IN/OUT	UP TO 50 FEET
OTHER	
BANDWIDTH	9 GBPS
HDCP	HDCP 1.4 AND EARLIER (2.2 W/AC-SC1-AUHD)
PORTS	
HDMI	TYPE A
HDBASET	RJ45
LAN	RJ45 W/ WEB INTERFACE/CONTROL
AUDIO (EXTRACTED)	DIGITAL COAX
IR TX	3.5MM MONO (2-CONDUCTOR)
IR RX	3.5MM STEREO (3-CONDUCTOR)
RS-232	3 PIN TERMINAL BLOCK
ENVIRONMENTAL	
OPERATING TEMPRATURE	23 TO 125°F (-5 TO 51°C)
STORAGE TEMPRATURE	-4 TO 140°F (-20 TO 60°C)
HUMIDITY RANGE	5-90% RH (NO CONDENSATION)
POWER	
POH FOR HDBT RX'S	YES
POWER CONSUMPTION (TOTAL)	105 WATTS
POWER SUPPLY (MATRIX)	INPUT: AC 100-240V ~50/60HZ OUTPUT: DC 12V 5A
POWER SUPPLY (POH)	INPUT: AC 100-240V ~50/60HZ OUTPUT: DC 48V 3A
DIMENSIONS	
DIMENSIONS (UNIT ONLY, HEIGHT/WIDTH/DEPTH)	MM: 50.8 x 260.35 x 441.33 | INCH: 2 x 10.25 x 17.375
DIMENSIONS (PACKAGED HEIGHT/WIDTH/DEPTH)	MM: 88.9 x 444.5 x 495.3 | INCH: 3.5 x 17.5 x 19.5
WEIGHT (UNIT)	11 LBS / 4.98KG
WEIGHT (PACKAGED)	14 LBS / 6.35KG
*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. MASS & DIMENSIONS ARE APPROXIMATE.	

IN THE BOX:

- AC-MX9XHDL-HDBT
- Operating Instructions
- 12V/3A Locking Power Supply
- 48V Power Supply for PoE
- (1) IR Remote Control
- (1) IR Extension Cable
- Rack Ears
- Terminal Connectors

FULL FEATURE SET

- Beautiful, uncompressed video
- Instant switching w/ AIMS technology
- 9-source, unlimited outputs
- Robust HDBaseT technology
- Matrixable quad-view
- 9-source multi-view
- Dynamic video walls (w/ AC-EX150VW-C9R)
- Dual color LCD screens for setup
- Instantly jump from multi-view/quad-view to single image
- IR, RS-232, or Ethernet control
- IR, RS-232 pass through to HDbaseT receivers (displays/ projectors)
- Advanced RS-232 routing to single outputs
- 4 port IR matrix
- Free PC control software (serial)
- Web interface for control and setup
- FPGA based hardware
- HDBaseT lossless video transport
- Instant, seamless switching of sources and into and out of multi-view mode (or video wall mode)
- Digital (coax) audio extraction with 3 operational modes: Fixed to Inputs, Follows Outputs, and Independent Matrix.
- HDMI audio selection/martix in quad-view & 9 screen multi-view
- 9 HDMI inputs & loop outputs
- 9 HDBaseT outputs (can cascade for more)
- Full HD (1920x1080p 60Hz)
- Supports legacy formats (1080i, 720p, 480i/p, and more)
- HDCP 1.4 and earlier supported
- HDCP 2.2 (with AC-SC1-AUHD)
- Up to 70m (230 ft) on 4K (CAT6A)
- PoH Receivers, no power supplies needed for receivers
- Single UTP/STP LAN cable (CAT5E/6A) for all signals
- Transfer IR & RS-232 signals from matrix to Rx
- 3-20V protection circuit built in for safe IR transport
- Supports uncompressed PCM 2- Ch., 5.1, 7.1, Dolby Digital, DTS, Dolby TrueHD, DTS HD-Master Audio, Atmos
- Cascadable for massive distributions