



18GBPS 4K AUHD 4x4 MATRIX SWITCH AC-MX44-AUHD

HDBT™ **HDMI™** **HDCP™**
ASE HIGH DEFINITION MULTIMEDIA INTERFACE HIGH-BANDWIDTH DIGITAL CONTENT PROTECTION

THIS IS AN IDEAL SOLUTION FOR DIGITAL ENTERTAINMENT CENTERS, HDTV RETAIL, SHOW SITES, DATA CENTERS, SCHOOLS, CONFERENCE OR TRAINING CENTERS AND MUCH MORE. THE AC-MX44-AUHD IS A TRUE 4x4 HDMI MATRIX SWITCH, SUPPORTING HDMI 2.0(A/B), TOSLINK AUDIO OUTPUT UP TO DOLBY® 7.1, DTS® AND LPCM, UP TO 4K VIDEO RESOLUTION, AND UP TO 18 GBPS BANDWIDTH.



This switch allows *any* source (Blu-ray, UHD Blu-ray, satellite receiver, game consoles, PCs, etc.) to be shown on *any* of the connected displays. This matrix equalizes and amplifies the output to ensure the HDMI signal can be transmitted through long HDMI cables without loss of quality. Fully matrix-able audio allows you to move the audio signal independently from the video signal at any of the de-embedded audio outputs. Audio delay is also 'on-board' so you can manage lip-sync issues before they become a problem. Also, with built-in scalers you don't have to forfeit that 4K signal just because you have a couple of older displays. If that wasn't enough, full EDID management allows maximum flexibility with today's wide variety of sources and displays.

AC-MX44-AUHD CONNECTION DIAGRAM





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IN THE BOX:

- AC-MX44-AUHD
- 12V/4A Locking Power Supply
- (1) IR Remote Control
- (1) IR Extension Cable
- Operating Instructions



PRODUCT SPECIFICATIONS

VIDEO	
HDMI INPUTS	4
HDMI OUTPUTS	4
HDMI OUTPUT FORMAT	2.0 (A/B)
VIDEO FORMATS SUPPORTED	4K60 (ALL UP TO 4:4:4), 4K30, 1080P, 1080I, 720P, 576P, 480P, 576I, 480I
VIDEO SCALING MODES (PER OUTPUT)	BYPASS, HDBT COMPATIBILITY (96), 4K->2K, 2K->4K
HDCP VERSIONS	2.2 AND EARLIER
SIGNAL RATE	18 Gbps
HDR SUPPORTED	HDR 10, DOLBY VISION
AUDIO	
AUDIO FORMATS SUPPORTED (HDMI)	UP TO DTS-HD, DOLBY TrueHD
SPDIF AUDIO OUTPUTS	4
AUDIO FORMATS SUPPORTED (SPDIF)	UP TO DOLBY 7.1, DTS, & LPCM
BALANCED AUDIO OUTPUTS	4
BALANCED AUDIO OUTPUT LEVEL	LINE
AUDIO DELAY (PER OUTPUT BALANCED/SPDIF)	UP TO 630MS
OTHER	
EDID MANAGEMENT	SDR & HDR PRESETS UP TO 18Gbps (4K 4:4:4), CUSTOM EDIDS, EDID COPY/EMULATE
INPUT VIDEO SIGNAL	0.5-1.0 VOLTS P-P
INPUT DDC SIGNAL	5 VOLTS P-P
TRANSMISSION DISTANCE OVER HDMI	45 FEET (15 METERS)
CONTROL	RS-232, IR, ETHERNET
RS-232 SETTINGS	BAUD RATE: 57600 DATA BITS: 8 PARITY: NONE STOP BITS: 1 HANDSHAKING: NONE
POWER SUPPLY	12V 4A (100-240V INPUT)
POWER CONSUMPTION	30W (MAX)
OPERATING TEMPERATURE	32-95°F (0-35°C)
OPERATING HUMIDITY	15-90% RH
WEIGHT	5.3LBS
DIMENSIONS	L440 X W256 X H42 MM 17.3 X 10 X 1.65 IN 19 INCH RU'S: 1

*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. MASS & DIMENSIONS ARE APPROXIMATE.

CUTTING EDGE OF THE INDUSTRY

- Advanced Equalization and Amplification of Outputs for Smooth Switching
- 1080p >4K & 4K >1080p Up/Down Scalers on each Output
- Advanced EDID Management
- HDMI 2.0 (a/b)
- 4K60 4:4:4 Support
- HDR Support
- HDCP 2.2
- Fully Matrix-able Independent Audio Outputs
- Toslink Audio Output Supports up to Dolby 7.1, DTS & LPCM
- Dual Audio De-embedding
- Built in Test Pattern

EASY TO USE

- Install in Seconds
- Feature Rich
- Powerful EDID management
- Front Panel Control
- IR Remote
- IR & RS-232 Control
- LAN Control