AVPro edge

40Gbps 8K60 (4:2:0) 4x2 MATRIX SWITCH
AC-MX-42X

HDR

HDMI® HDCP™
HIGH-DEFINITION MULTIMEDIA INTERFACE   HIGH-BANDWIDTH DIGITAL CONTENT PROTECTION

The AC-MX-42X is a 4x2 HDMI matrix switch. Supporting HDMI 2.1, HDCP 2.3, up to 8K video resolution with 40Gbps bandwidth. This switch allows any source (Blu-ray, satellite receiver, game consoles, PCs, etc.) to show on any connected displays. In addition, this matrix equalizes and amplifies the output to ensure the HDMI signal will transmit through long HDMI cables without loss of quality.
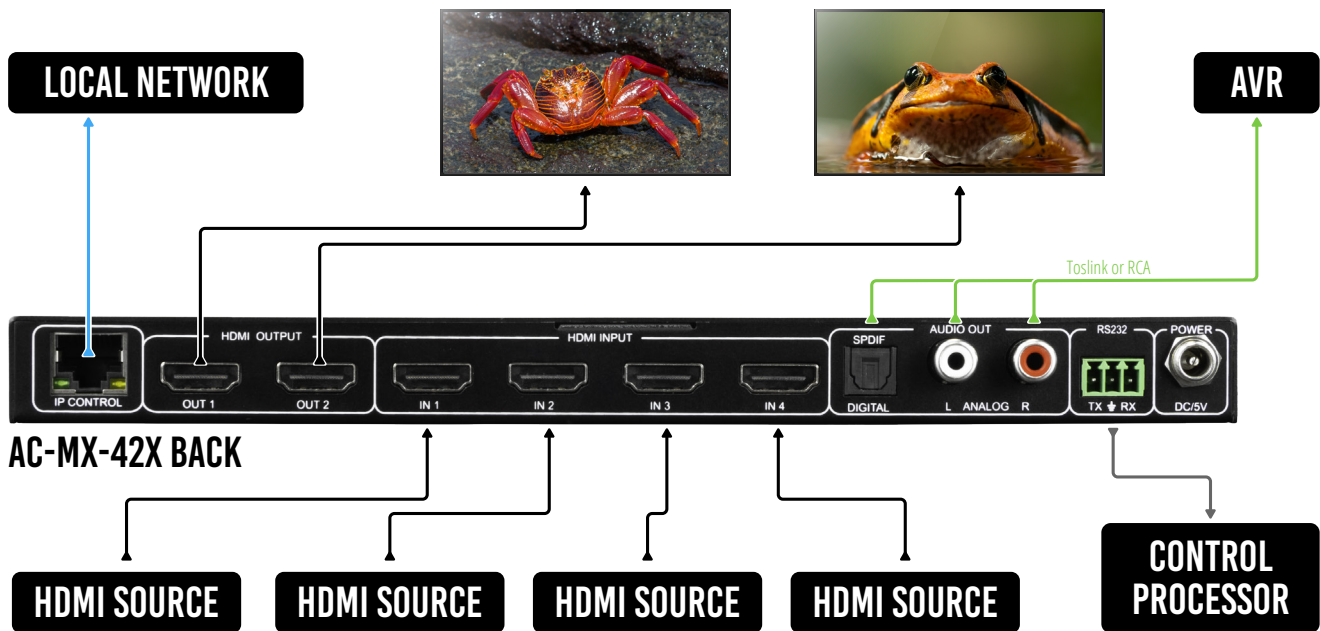
The AC-MX-42X is ideal for bypassing AVRs that do not support full 40Gbps. Instead of bottlenecking video quality through a legacy audio device that can't handle 40Gbps. Integrators can run down-scaled video to a legacy audio device and send uncompressed HDMI to the display. Audio remains untouched on a down-scaled output, making it an ideal component for systems where high bit rate audio is critical.

AVPro edge
AC-MX-42X

CONNECTION DIAGRAM

HDMI	
ETHERNET	
AUDIO	
CONTROL	

LOCAL NETWORK

AVR

Toslink or RCA

AC-MX-42X BACK

HDMI SOURCE   HDMI SOURCE   HDMI SOURCE   HDMI SOURCE

CONTROL PROCESSOR

SPECIFICATIONS COMING SOON

AVProedge

IN THE BOX:
- AC-MX-42X (Matrix Switch)
- Operating Instructions
- 5V/2A Locking Power Supply
- 1 x IR Remote Control
- 1 x 3 Pin Terminal Connector (For RS232)
- Mounting Ears

40G_{BPS} TRUE 8K60 (4:4:4)
4x2 MATRIX & AUTO SWITCH/AVR BYPASS

- HDMI 2.1
- 40Gbps Bandwidth Support
- 8K60 (4:4:4) Support
- Full HDR Support (HDR 10 & 12 Bit)
- Dolby Vision, HDR10+ and HLG Support
- HDCP 2.3 (and all earlier versions supported)
- 8K > 1080p Down Scaler (Out 1)
- Perfect AVR Bypass deliver 40Gbps to Display and uncompressed audio to AVR
- Advanced EDID Management
- IR, RS-232 and LAN Control Options
- Digital Toslink Out (7CH PCM, DD, DD+, DTS, DTS-MA)
- Balanced Analog Out (2CH PCM)
- Down-scaling mode for mixed systems
- Driver Support for Crestron, C4, RTI, ELAN and more
- Extracted Audio Supports DD+, DTS Master Audio on Toslink
- Extracted Audio bound to output 1 or 2