4K UHD 8x8 Matrix Switch

AC-MX88-UHD

AC-MX88-UHD

INPUT
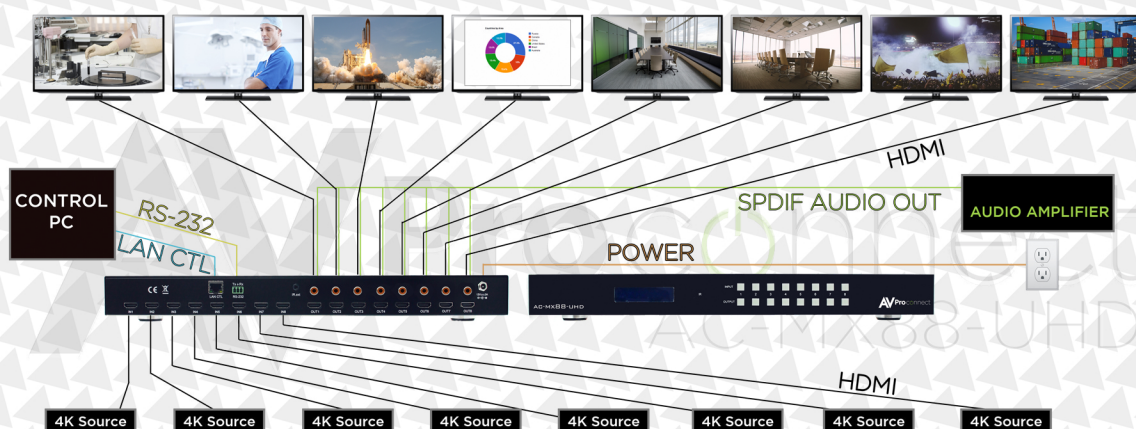1 2 3 4

OUTPUT
1 2 3 4 5 6 7 8

AVProconnect

*able to switch a signal with

HDR

NEXT LEVEL OF MATRIX

Being able to handle UHD content will be the standard in the near future, be there now with this power matrix switch. This is an ideal solution for digital entertainment centers, HDTV retail, show sites, data centers, schools, conference and training centers and any other occurence a lot of sources and displays together. Also with audio de-embedding you are able to take the audio from any of your inputs. Engineered for simple yet powerful use, this will take your project to the next level.

HDMI

CONTROL PC

RS-232

LAN CTL

SPDIF AUDIO OUT

AUDIO AMPLIFIER

POWER

AC-MX88-UHD

AVProconnect

HDMI

4K Source | 4K Source | 4K Source | 4K Source | 4K Source | 4K Source | 4K Source | 4K Source

AVProconnect

877-886-5112 | +1 605-782-2462

www.AVProConnect.com

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

HDCP™
HIGH-BANDWIDTH DIGITAL CONTENT PROTECTION

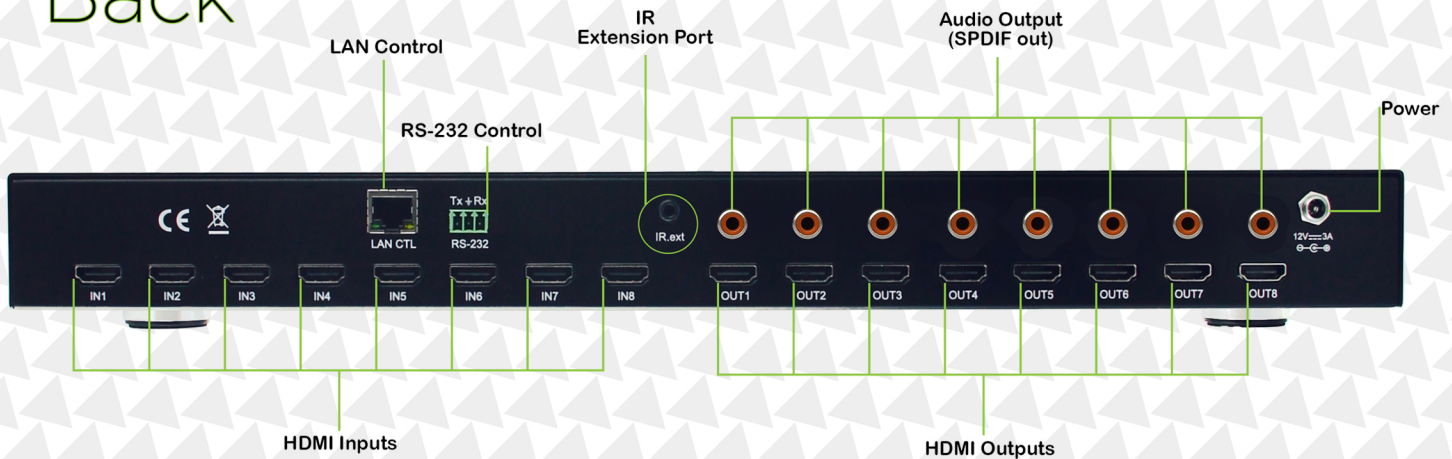HDBT™ ASE

Front

LCD Display Screen

IR Receiver Eye

Input Buttons

INPUT
1 2 3 4 5 6 7 8

OUTPUT

AC-MX88-UHD

AVProconnect

Output Buttons

Back

LAN Control

RS-232 Control

IR Extension Port

Audio Output (SPDIF out)

Power

Tx + Rx
LAN CTL   RS-232
IR.ext
12V = 3A

IN1 IN2 IN3 IN4 IN5 IN6 IN7 IN8   OUT1 OUT2 OUT3 OUT4 OUT5 OUT6 OUT7 OUT8

HDMI Inputs
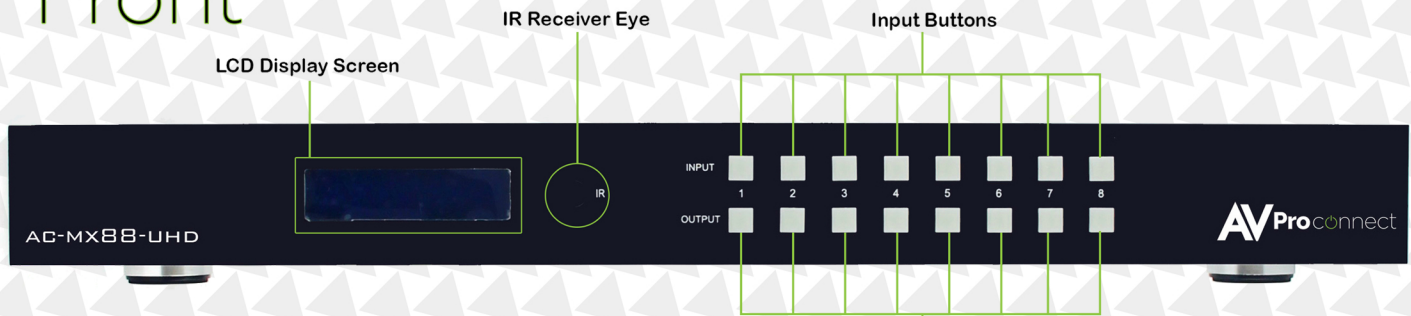
HDMI Outputs

AC-MX88-UHD Specifications	
Parameter	**Description**
HDMI Inputs	8
HDMI Outputs	8
HDMI Output format	1.4 and 2.0
Video Formats supported	4K60 (4:2:0), 4K30, 1080P, 1080I, 720P, 576P, 480P, 576I, 480I
Audio Formats Supported (HDMI)	Up to DTS-HD, Dolby trueHD
HDR Suppoerted	HDR 10, Dolby Vision
SPDIF Audio Outputs	8
Audio Formats Supported (SPDIF)	Up to Dolby 5.1 PCM
HDCP Versions	2.2 And earlier
Signal Rate	10.2 GBPS
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 3A
Power Consumption	15W (Max)
Operating Temprature	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

TRUE HDMI MATRIX

The AC-MX88-UHD is a true 8x8 HDMI matrix switch. Supporting HDMI 2.0, HDCP 2.2, up to 4K video resolution, and up to 10.2 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. You can extend your distance further with the AC-EX 70-UHD HDMI Extender. Full EDID management allows maximum flexibility with todays wide mixture of sources and displays.

-Advanced Equalization and amplification of outputs for smooth switching (No more "coughing" up the signal!)
-Audio De-embedding
-Advanced EDID Management
-HDMI 2.0
-4K60 4:2:0 Support
-Can support HDR*
-HDCP 2.2
-IR, RS-232 and LAN Control Options