

MXU-88

8X8 4K HDMI/USB 2.0 MATRIX SWITCH



**ACCESS AND CONTROL UP TO EIGHT COMPUTERS WITH 4K HDMI AND
TRANSPARENT USB 2.0 DEVICES FROM UP TO EIGHT CONNECTED WORKSTATIONS**

FEATURES

- (8) HDMI inputs with resolutions up to 4K (3840x2160 @ 30Hz)
- (8) HDMI outputs with resolutions up to 4K (3840x2160 @ 30Hz)
- (8) USB 2.0 Type B inputs
- (8) Dual USB 2.0 Type A outputs
- Supports digital audio over HDMI
- Supports DVI-D with adaptors
- Supports USB 2.0 keyboard-mouse control (NO EMULATION)
- Supports transparent USB 2.0 peripheral devices (external hard-drives, smart-card readers, scanners, printers, etc...)
- Simple two-button front panel control with LCD status display
- Full web-based control console over Ethernet
- Learns and stores EDID information
- HDMI 1.4 & HDCP Compliant
- Control Sun, Mac, or PC computers from one workstation

APPLICATIONS

- Remote system management
- Multi-user remote computer operation
- Video editing
- Graphic design and rendering
- Group-based data analysis



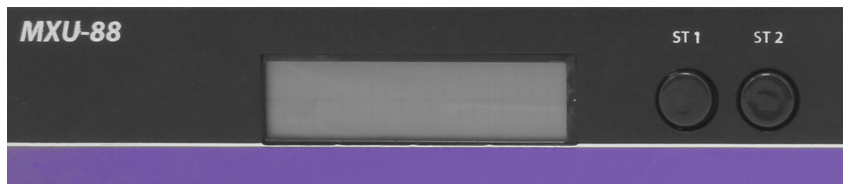
Designed and Manufactured in the USA

OVERVIEW

The MXU-88 is an 8x8 4K HDMI and USB 2.0 matrix switch: it allows up to eight users to control & share any eight remote computers from USB 2.0 equipped workstations with 4K-compatible HDMI displays. Perfect for control rooms or group video editing suites, the MXU-88 excels at expediting workflow by offering control of remote systems via USB peripherals like keyboards, mice, and more with the advantage of 4K-ready HDMI display support.

Controlling the MXU-88 is easy thanks to SmartAVI's simple-yet-robust design. Our two-button front panel control interface allows users to switch between connected systems and devices at the press of a button. Furthermore, MXU88 features a web-based control interface that offers comprehensive command of connected displays and peripherals via an Ethernet connection.

The MXU-88 is capable of ultra-high detail resolutions up to 4K (3840x2160 @ 30Hz) on HDMI monitors. The switch's 4K capabilities makes it an essential component in various real-world applications including control room supervision, post-production, group-based digital design work, large-scale server management, and more!



Front-panel buttons allow for easy switching, EDID learning, and more!

The MXU-88 features two user-friendly methods of control

FRONT-PANEL BUTTONS

Two push buttons for switching between sources, systems, and connected devices.

WEB CONSOLE

Control switching, display settings, peripherals, and more from the MXU-88 web-based control interface.



Connect to the MXU-88's web console for complete device management over the Internet.

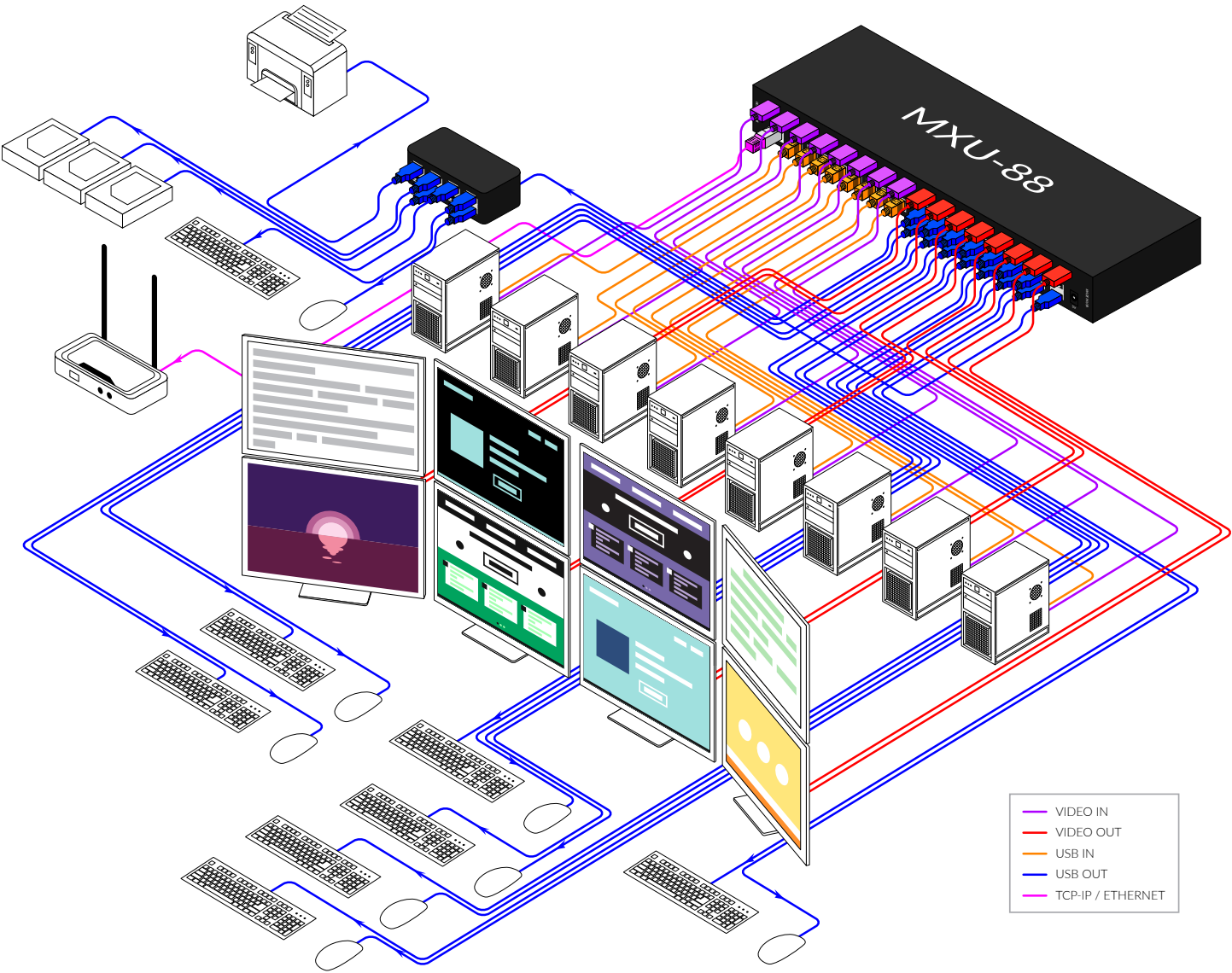


MXU-88 Front



MXU-88 Back

APPLICATION DIAGRAM



TECHNICAL SPECIFICATIONS

VIDEO & AUDIO	
Input Interface	(8) HDMI Type A 19-pin Female TMDS
Output Interface	(8) HDMI Type A 19-pin Female TMDS
Max. Resolutions	Up to 4K (3840x2160 @ 30Hz)
HDMI Version	HDMI 1.4
Video Bandwidth	300 MHz
Max. Cable Length	Up to 20 ft
Audio	Stereo Embedded in HDMI signal

USB	
Signal Type	USB 2.0, 1.1, and 1.0
Input Interface	(8) USB Type B Female (No Emulation)
Output Interface	(16) USB Type A Female

PART NO.	DESCRIPTION
MXU88-S	8X8 4K HDMI/USB 2.0 Matrix Switch. Includes: [MXU-88 & (PS12VDC5A)]

CONTROL	
Front Panel	Front panel buttons
Ethernet (TCP/IP)	Via RJ-45

OTHER	
Power Supply	Internal 100-240 VAC/ 12 DC, 5A
Max Consumption	100 W
Dimensions	17.06" W x 2.0" H x 10.4" D
Weight	8.8 lbs
Operating Temperature	+32 to +104°F (0 to +40°C)
Storage Temperature	-4 to 140°F (-20 to +60°C)
Humidity	Up to 95% (No Condensation)