

# 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 keyboard-mouse control (NO EMULATION)
- Supports USB peripheral devices (external hard-drives, 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
- Plug-and-play for immediate use

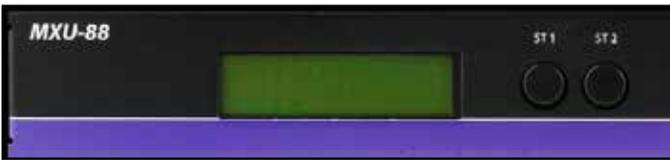


## OVERVIEW

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, MXU-88 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:

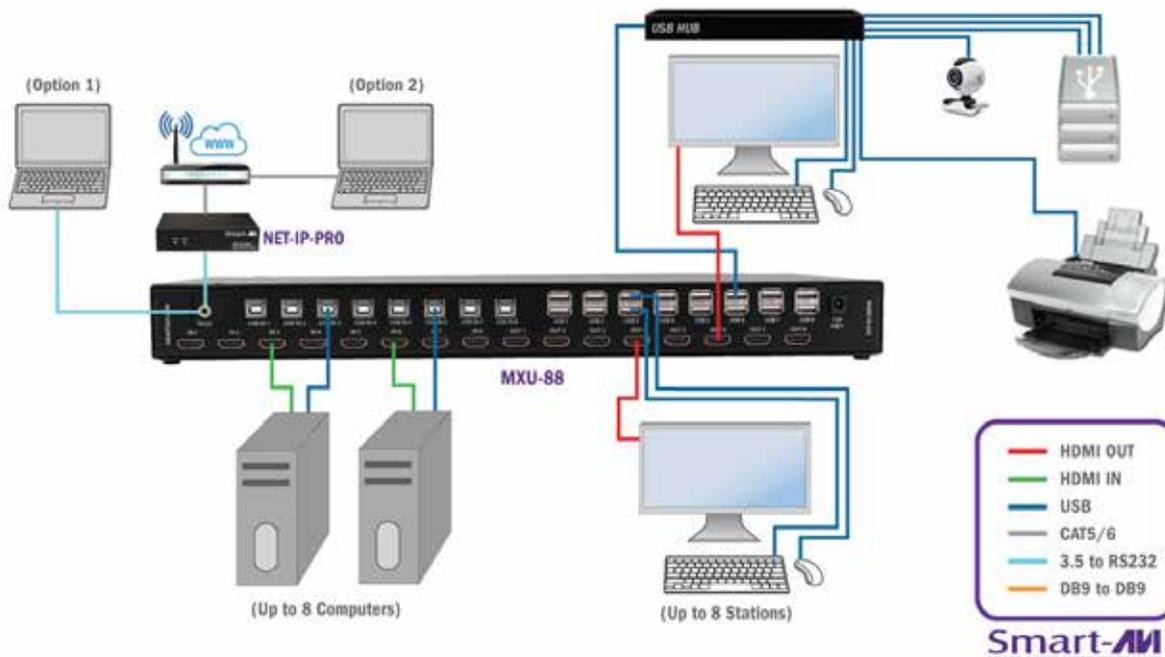
**Front-Panel Buttons:** two push buttons for switching between sources, systems, and connected devices.

**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.

## APPLICATION DIAGRAM



## SPECIFICATIONS

MXU-88 Front



MXU-88 Rear



### 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	(8) USB Type B Female (No Emulation)
Output	(16) USB Type A Female

### 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 Temp.	32 to 122°F (0 to 50 °C )
Storage Temp.	-4 to 149 °F (-20 to 65 °C )
Humidity	Up to 85% RH (non-condensing)

## ORDERING INFORMATION

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



Designed and Manufactured in the USA

[www.smartavi.com](http://www.smartavi.com)

Tel: 800.AVI.2131 • 818.503.6200 •

2455 W. Cheyenne Ave. Ste. #112

North Las Vegas, NV 89032

**Smart-AVI**  
SMART AUDIO VIDEO INNOVATION