

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



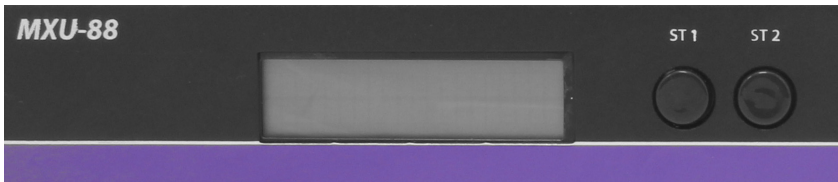
Designed and Manufactured in the USA

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!

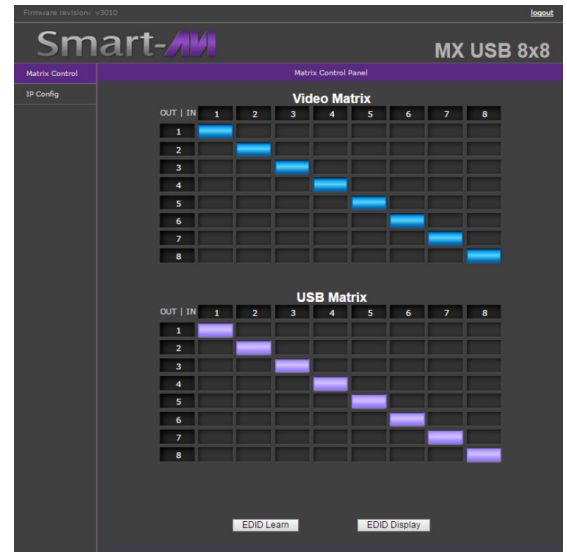
The MXU-88 features two user-friendly methods of control

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.

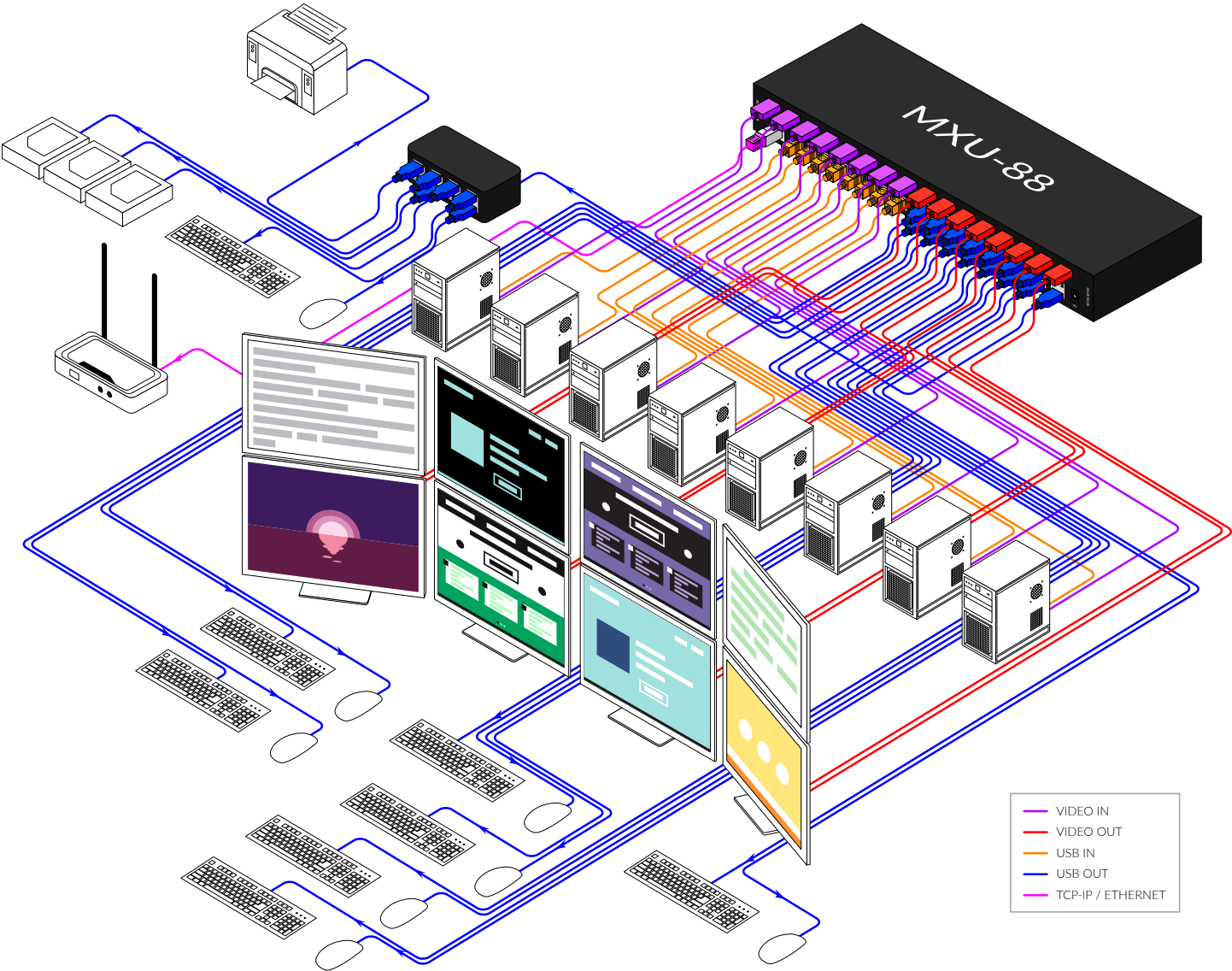


MXU-88 Front



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) |