

A/V MX 4x4  
 A/V MX 4x8  
 A/V MX 4x16  
 A/V MX 8x4  
 A/V MX 8x8  
 A/V MX 8x16  
 A/V MX 16x4  
 A/V MX 16x8  
 A/V MX 16x16

## General Specifications:

Composite Video / Stereo Audio Matrix Switcher

Connectors: BNC (Video), Screw Terminal (Audio)

### Switching...

Front Panel Switches w/ LEDs

Optional RS-232 Interface for remote switching.

Any input may be routed to any output.

Audio & Video may be switched together or separately.

### Video...

-3dB Video Bandwidth: 100mHz.

Gain Flatness: 0.1dB

Slew Rate: 1050V/us

Differential Gain: 0.02%

Differential Phase: 0.03Deg.

Crosstalk: -73dB (5mHz)

Supported Standards: NTSC, PAL, SECAM

Input Impedance: 75 Ohms -- All inputs buffered

Output Impedance: 75 Ohms

Input Level: 1VPP

Output Level: 1VPP +/- 1dB Gain Adjustment

### Audio...

Balanced or Unbalanced Stereo Audio

Frequency Response: 20 Hz. - 30 kHz.

Total Harmonic Distortion: < .025%

S/N Ratio: 90dB

Crosstalk: -85dB Between Channels

Input Impedance: 10K -- All inputs buffered

Output Impedance: 600 Ohms

Output Level: +/- 3dB Gain Adjustment

Supply Voltage: 120-240V AC.

Power Consumption: 500 mA Max.

### Dimensions:

Height = 5.25 inches

Width = 19.00 inches

Depth = 9.50 inches

### Configurations...

A/VMX 4x4: 4 sources to 4 outputs

A/VMX 4x8: 4 sources to 8 outputs

A/VMX 4x16: 4 sources to 16 outputs

A/VMX 8x4: 8 sources to 4 outputs

A/VMX 8x8: 8 sources to 8 outputs

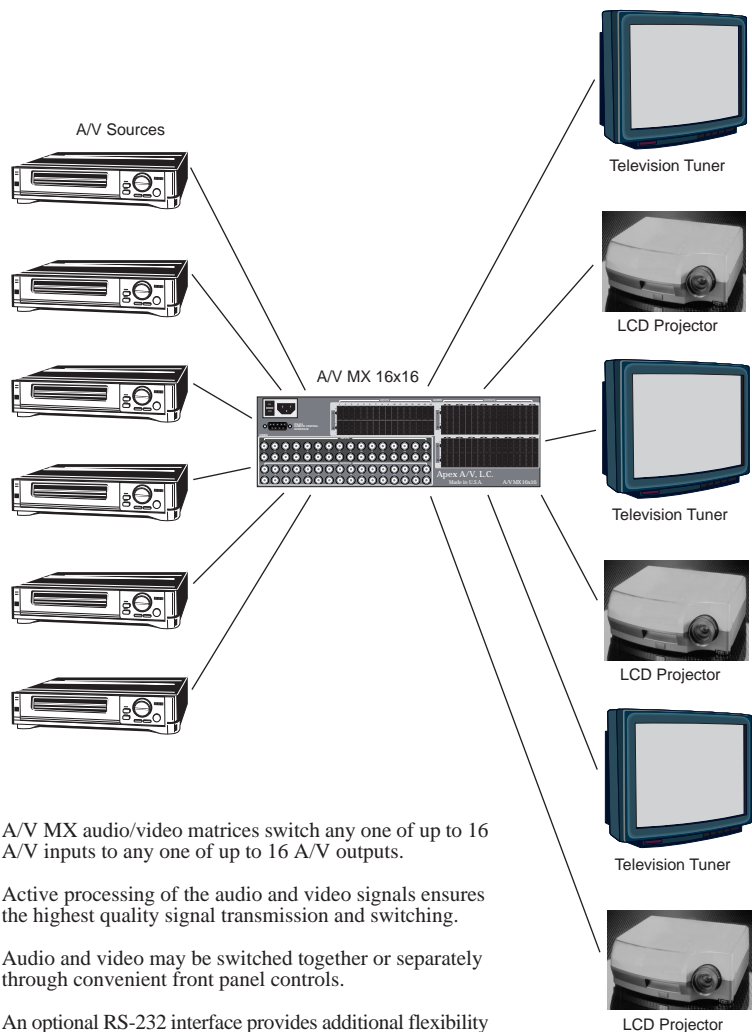
A/VMX 8x16: 8 sources to 16 outputs

A/VMX 16x4: 16 sources to 4 outputs

A/VMX 16x8: 16 sources to 8 outputs

A/VMX 16x16: 16 sources to 16 outputs

## Application Diagram



A/V MX audio/video matrices switch any one of up to 16 A/V inputs to any one of up to 16 A/V outputs.

Active processing of the audio and video signals ensures the highest quality signal transmission and switching.

Audio and video may be switched together or separately through convenient front panel controls.

An optional RS-232 interface provides additional flexibility by allowing remote control panels to control system switching.