

Analog Video Matrix Switchers

16x16 through
16x256 / 256x16

Key features:

- * RS232 and Ethernet remote control
- * Built in web page control
- * Compact size just 1RU. Weighs less than 5 pounds
- * Very low power consumption. 15 watts
- * Optional remote control panels

Applications:

- * Broadcast Studios
- * Command and control, aerospace, flight simulators
- * Post-Production Facilities
- * ENG/OB Applications
- * Remote Trucks
- * Flyaway video production cases

These analog video routing switchers represent the ultimate combination of performance, low price and compact size with a powerful control system.

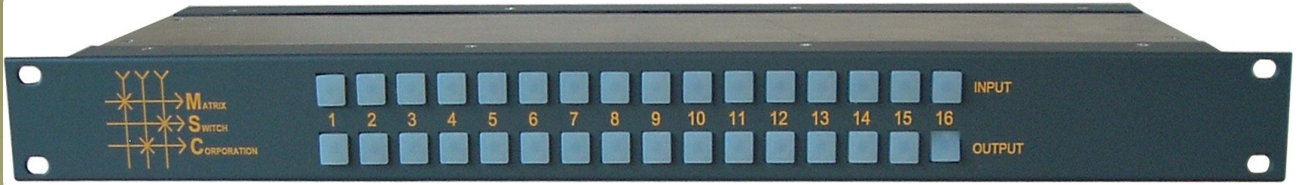
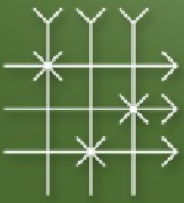
Each system has a minimum signal bandwidth of 50MHz. More than enough for any analog video installation. While achieving this extraordinary bandwidth Matrix Switch Corporation has been able to design these matrix switchers without compromising other critical performance and installation requirements. The use of premium quality components, extensive shielding and low noise linear on board power supply regulation has resulted in systems with extremely low crosstalk and low noise levels.

Equal to the need for good analog signal path performance, these analog video matrix switchers are equipped with a powerful control system. Matrix Switch Corporation switchers employ a flexible and user friendly control system. In addition to a simple and logical RS232 ASCII protocol that is currently supported by a number of third party control companies, these analog switchers have other easy to use control ports. Each system has a built in web page. Unlike GUI software that must be loaded on a PC which may be OS dependent, have conflict issues or compromise system performance, the built in web page will run on any platform and with any web browser. In addition Matrix Switch Corporation offers a selection of remote control panels. These panels are TCP/IP Ethernet based, which give you the greatest flexibility in placement, quantity and how they will be networked.

The remote software update feature allows new software with new features to be easily re-loaded via the Ethernet port without the need to open up the system, use any special programming systems or development system software.

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Specifications subject to change without notice



SPECIFICATIONS

VIDEO INPUT:

Video Level:	800 mV
Impedance:	75 Ohm 1%
Coupling:	DC
Connector:	BNC
Return Loss:	40 dB @ 5MHz

SDI VIDEO OUTPUTS:

Connector:	BNC
Level:	800 mV
Return Loss:	40 dB @ 5MHz
Crosstalk:	<50dB @ 5 MHz
Impedance:	75 Ohm 1%
Vertical Interval Switching:	Line 6

ENVIRONMENTAL:

Temperature:	0 C to 50 C ambient
Humidity:	10% - 100% non-condensing
Power consumption (@ 12VDC):	15 VA typical
AC Voltage (External Power Supply Included):	90-240VAC VAC 50 - 60Hz

MECHANICAL:

Height:	1.75 inches
Width:	19 inches
Depth:	6 inches
Weight:	5 lbs



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Distributor:

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