

8x24/24x8 through 32x32 HD-SDI mid-size digital video switchers



Key features:

- * Automatic cable compensation up to 1,000 feet
- * Automatic HD/SDI rate detect and re-clocking
- * RS232 and Ethernet remote control
- * Compact size just 2RU
- * Optional remote control panels

Applications:

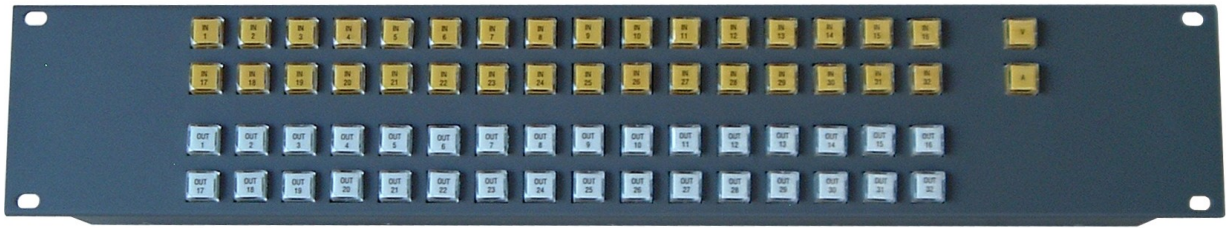
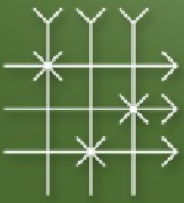
- * Broadcast Studios
- * Post-Production Facilities
- * ENG/OB Applications
- * Remote Trucks
- * Flyaway video production cases

These mid-size switchers are an ideal solution for any HD and SDI video environment and will easily handle any SDI or HD format from 19 Mbps to 1.485 Gbps, as well as DVB-ASI signals. Each input has automatic cable loss equalization and each output auto detects standard SMPTE data rates. Standard SMPTE data rates are re-clocked. The Auto Rater Detect logic switches to bypass for any non-SMPTE data rate.

A variety of audio and control panel options. These include AES3 S/PDIF 75 ohm digital audio on BNC I/O, AES3 Balanced 110 ohm digital audio or stereo analog audio. Remote control panels are available as single bus or XY type with re-legend-able Veetronix switches or Matrix Switch Corporation illuminated switches.

Matrix Switch Corporation
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Specifications subject to change without notice



Optional MSC-CP32x32V Remote Control Panel

SPECIFICATIONS

HD/SDI VIDEO INPUT:

Data Rate:	143Mbps, 270,Mbps, 1.483-1.484Gbps
Data Type:	SMPTE 259M, SMPTE 292M, SMPTE 344M, DVB-ASI
Input Cable Equalization:	Auto up to 300 meters@270 Mbps, 100 meters @ 1.485Gbps
Video Level:	800 mV
Impedance:	75 Ohm 1%
Coupling:	AC
Connector:	BNC
Return Loss:	15 dB @ 1.5Gbps

HD/SDI VIDEO OUTPUTS:

Connector:	BNC
Level:	800 mV
Return Loss:	12 dB @ 1.5 Gbps
Jitter:	<0.2 UI
Impedance:	75 Ohm 1%
Vertical Interval Switching:	Line 6

ENVIRONMENTAL:

Temperature:	0 C to 50 C ambient
Humidity:	10% - 100% non-condensing
Power consumption	70 VA typical
AC Voltage:	90-240VAC VAC 50 – 60Hz

MECHANICAL:

Height:	3.5 inches
Width:	19 inches
Depth:	11 inches
Weight:	20 lbs

Available Models

MSC-HD0824	HD-SDI 8X24
MSC-HD0832	HD-SDI 8X32
MSC-HD1624	HD-SDI 16x24
MSC-HD1632	HD-SDI 16x32
MSC-HD3224	HD-SDI 32x24
MSC-HD2408	HD-SDI 24x8
MSC-HD2416	HD-SDI 24x16
MSC-HD2424	HD-SDI 24x24
MSC-HD2432	HD-SDI 24x32
MSC-HD3232	HD-SDI 32x32

Distributor:



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