

MSC Routers and Switchers

Digital/Analog video routers and audio routers and Matrix switches



An exceptional range of extremely high quality products

Hamlet is very pleased to offer this exceptional range of extremely high quality products. MSC is founded on high reliability and high performance. Hamlet are Master distributors in the UK and Europe (excluding Switzerland, Germany and Austria)

The digital/analog video routers and audio routers are ideal for critical broadcast, post-production, multi-media, presentation, medical, sports, video assist, mobile trucks, command & control, defense (airborne and naval) government and private enterprise applications.

MSC matrix switches provide a number of options for control and integration including: local and remote, with Ethernet connected button panels, web page interface (demo) and an ASCII protocol over TCP/IP and RS-232 serial.

End users include: Grass Valley, NBC, ABC, CBS, CNN, Major League Baseball, Naval Underwater Warfare Centre, Flight Safety Simulation, Command and control centers in Hawaii and Alabama and many others.

Please contact Hamlet Sales for more information

Features and functions

- Some features of the 1080P, 3D and HD switch matrixes available follow:
- Compact design
- Ethernet remote control panels
- Store and recall up to 10 non-volatile presets
- Vertical interval switching
- Re-clock or bypass any rate from 19MBPS to 2.97GBPS
- RS232 AND TCP/IP control via simple ASCII based protocol
- TCP/IP Ethernet including a built in web page and SNMP control
- Optional analog audio - mono or stereo
- Optional digital audio
- Optional redundant power supply
- Complies with all relevant FCC, U/L and CE requirements
- 2 year warranty



See our website for applications

www.hamlet.co.uk

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TECHNICAL SPECIFICATION

This technical data is a sample of one of the range
Please contact Hamlet Sales for more details

HD/SDI VIDEO INPUT:

Data Rate: 143Mbps, 270Mbps, 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



WARRANTY: - 1 Year.

Extendable free on registration: - To 2 Years

By using the service area of our web site

<http://www.hamlet.co.uk/support/warranty/>

Devices in the Range

3D HD and 3G switchers 4x4 - 36x36

Compact HD/SDI Switchers 4x4 - 8x8

Modular 1RU HD/SDI Switchers 16x8 - 16x16

Modular 2RU HD/SDI Switchers 24x8 - 32x32

Modular 4RU HD/SDI Switchers 40x8 - 72x72

VGA/RGBHV Switchers

Analog Video Switchers

AES Audio Switchers

Analog Audio Switchers

Control Panels



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Hamlet products are Manufactured to ISO9001.2000 and ISO14001 specification.

Our most up to date information is available on our web site.

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10/04/2012

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