- 8×3G-SDI inputs, 8×3G-SDI outputs
- SDI input signal auto detection & equalization
- Level A and level B singal supported
- DVB-ASI interface compatible
- Free PC software control: LAN, RS-232
- Front panel buttons control & USB keyboard
- Redundant power design

Model NO. **MSS0811**

3G-SDI 8×8 MATRIX SWITCHER

Powerful Signal Routing

This matrix includes multi format technology so it can auto detect multiple video format sources of SD/HD/3G-SDI (level A & B) and DVB-ASI signals at the same time and route the multiple video destination in NTSC and PAL SD, 720, 1080 at any frame rate.

1080 HD Signal In
720P HD Signal In
NTSC / PAL Signal In

1080 HD Signal Out
720P HD Signal Out
NTSC / PAL Signal Out
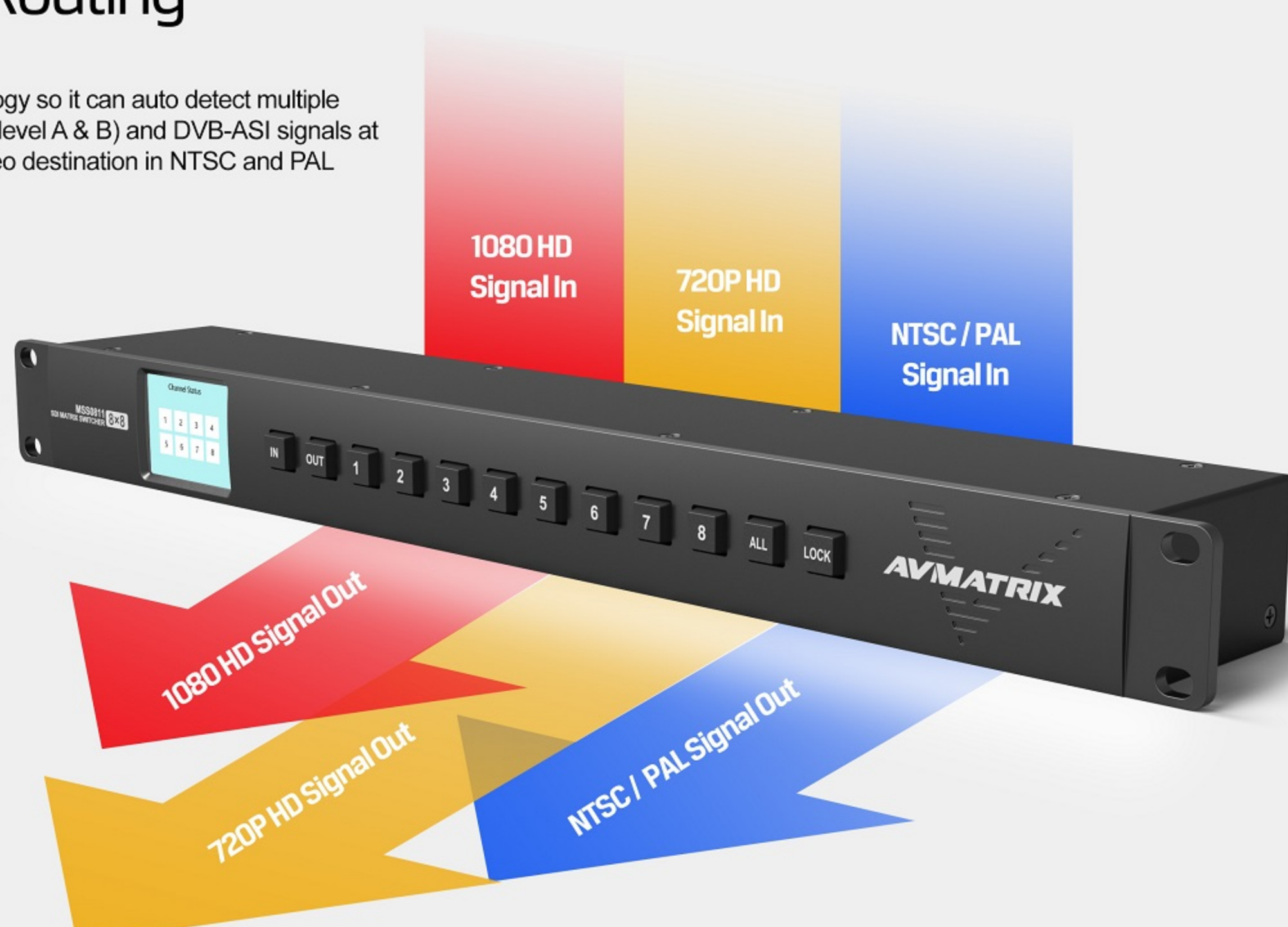
Multiple Control Methods

Front Panel
MSS0811 matrix switcher enables full control from the front panel. The current channel status can be viewed visually from the 2.2 inch LCD screen. Besides, the LOCK button perfect avoid accident.

PC Software
The matrix switcher coming with a free PC control software, you can connect a computer via Ethernet to realise the network router control on a Windows PC. Also you can use the software control via the serial port RS-232 connecting your PC.

USB Keyboard
There is another smart control method that connecting a USB keyboard from the USB port to realize a quick and easy configuration.

Redundant Power

The use of premium components coupled with dual redundant power supplies ensures the highest signal quality and maximum uptime even in the unexpected event of a power supply failure.

Compact Design

The super-compact 1RU format is just a few inches deep, making them a perfect fit for any broadcast, production, or post production environment, from mobile sports trucks and edit suites, through to corporate video installations or live theatrical A/V rigs.

Technical specification

CONNECTIONS	Input	SD/HD/3G-SDI/DVB-ASI × 8
	Output	SD/HD/3G-SDI/DVB-ASI × 8
FORMATS	SDI Input Format Support	1080p 60/59.94/50/30/29.97/25/24/23.98
		1080PsF 30/29.97/25/24/23.98
		1080i 60/59.94/50
		720p 60/59.94/50/30/29.97/25/24/23.98
		625i 50, 525i 59.94
	SDI Video Rate	SD/HD/3G-SDI
	SDI Compliance	SMPTE 259M, SMPTE 292M, SMPTE 296M
		SMPTE 372M, SMPTE 424M
		SMPTE 425M level A and B
	SDI Color Space and Precision	RGB 4:4:4 10bit/12bit, YUV 4:2:2/4:4:4 10bit/12bit
	SDI Auto Switching	Auto selects SD, HD and 3G-SDI on input
CONTROLS	Control	Front panel buttons
		LAN (software control)
		RS-232 (software control)
		USB Type A (USB keyboard control)
POWER	Power Connector	Threaded locking connector
	Voltage Range	DC 6~24V
	Power Supply	PS-1, PS-2, power redundancy
ENVIRONMENT	Operating Temperature	-20℃~60℃
	Storage Temperature	-30℃~70℃
	Relative Humidity	0%~90% non-condensing
SIZE	Power Consumption	7W
	Size	Standard 19" 1 rack unit
	Weight	1.1Kg
PACKING	What's Included	MSS0811 (8×8 3G-SDI matrix switcher)
		DC 12V 2A power adapter × 2
WARRANTY	Warranty	3 year limited warranty

482.5mm
44mm
72.5mm
443.5mm

WWW.AVMATRIX.NET

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