



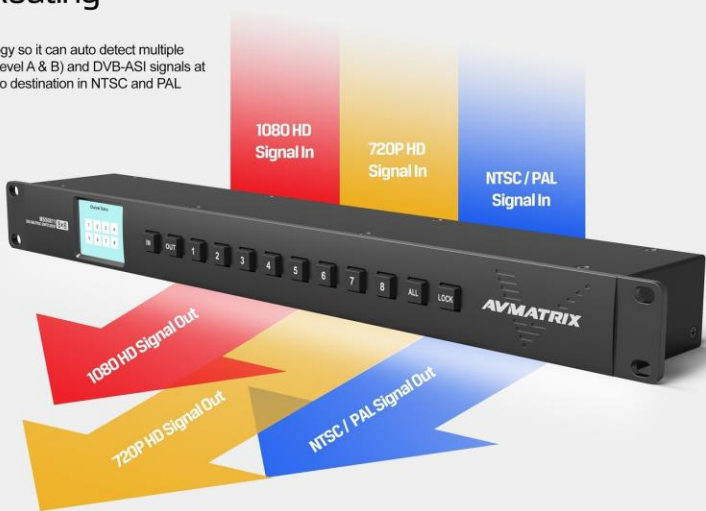
## MSS0811

Model NO. **3G-SDI 8x8 MATRIX SWITCHER**

- ▶ 8x3G-SDI inputs, 8x3G-SDI outputs
- ▶ SDI input signal auto detection & equalization
- ▶ Level A and level B signal supported
- ▶ DVB-ASI interface compatible
- ▶ Free PC software control: LAN, RS-232
- ▶ Front panel buttons control & USB keyboard
- ▶ Redundant power design

### 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.



### 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

|                    |                                      |   |
|--------------------|--------------------------------------|---|
| <b>CONNECTIONS</b> | Input                                | SD/HD/3G-SDI/DVB-ASI × 8  |
|                    | Output                               | SD/HD/3G-SDI/DVB-ASI × 8  |
| <b>FORMATS</b>     | <b>SDI Input Format Support</b>      | 1080p 60/59.94/50/30/29.97/25/24/23.98<br>1080PsF 30/29.97/25/24/23.98<br>1080i 60/59.94/50<br>720p 60/59.94/50/30/29.97/25/24/23.98<br>625i 50, 525i 59.94 |
|                    | <b>SDI Video Rate</b>                | SD/HD/3G-SDI  |
|                    | <b>SDI Compliance</b>                | SMPTE 259M, SMPTE 292M, SMPTE 296M<br>SMPTE 372M, SMPTE 424M<br>SMPTE 425M level A and B  |
|                    | <b>SDI Color Space and Precision</b> | RGB 4:4:4 10bit/12bit, YUV 4:2:2/4:4:4 10bit/12bit  |
|                    | <b>SDI Auto Switching</b>            | Auto selects SD, HD and 3G-SDI on input   |
|                    | <b>Control</b>                       | Front panel buttons<br>LAN (software control)<br>RS-232 (software control)<br>USB Type A (USB keyboard control)   |
| <b>POWER</b>       | <b>Power Connector</b>               | Threaded locking connector  |
|                    | <b>Voltage Range</b>                 | DC 6~24V  |
|                    | <b>Power Supply</b>                  | PS-1, PS-2, power redundancy  |
| <b>ENVIRONMENT</b> | <b>Operating Temperature</b>         | -20°C~60°C  |
|                    | <b>Storage Temperature</b>           | -30°C~70°C  |
|                    | <b>Relative Humidity</b>             | 0%~90% non-condensing   |
| <b>SIZE</b>        | <b>Power Consumption</b>             | 7W  |
|                    | <b>Size</b>                          | Standard 19" 1 rack unit  |
| <b>PACKING</b>     | <b>Weight</b>                        | 1.1Kg   |
|                    | <b>What's Included</b>               | MSS0811 (8x8 3G-SDI matrix switcher)<br>DC 12V 2A power adapter × 2   |
| <b>WARRANTY</b>    | <b>Warranty</b>                      | 3 year limited warranty   |

