

8×8 3G-SDI Matrix Switcher

MSS0811



The compact SDI routing switcher MSS0811 has 8 inputs and 8 outputs, supports standard 3G/HD/SD SDI rates, automatic bypass of non-standard rates between 270Mbit/s and 3Gbit/s, and passes all SDI embedded audio/ancillary data. It can conveniently controlled by front panel button, keyboard via USB and PC software via LAN/RS-232.

Connections

SDI Video Input

8×SD/HD/3G-SDI(75Ω BNC)

Control

Front panel button,
 USB keyboard,
 PC software via LAN/RS-232

Updates and Configuration

LAN(RJ45)

SDI Video Output

8×SD/HD/3G-SDI(75Ω BNC)

Standards

SDI Format Support

(2K) 2048×1080p 30/29.97/25/24/23.98
 (2K) 2048×1080PsF 30/29.97/25/24/23.98
 (HD) 1920×1080p 60/59.94/50/30/29.97/25/24/23.98
 (HD) 1920×1080PsF 30/29.97/25/24/23.98
 (HD) 1920×1080i 60/59.94/50
 (HD) 1280×720p 60/59.94/50
 (HD) 1280×720p 30/29.97/25/24/23.98
 (SD) 625i 50
 (SD) 525i 59.94

SDI Compliance

SMPTE 372M, SMPTE 259M,
 SMPTE 292M, SMPTE 296M,
 SMPTE 424M, SMPTE 425M,
 DVB-ASI

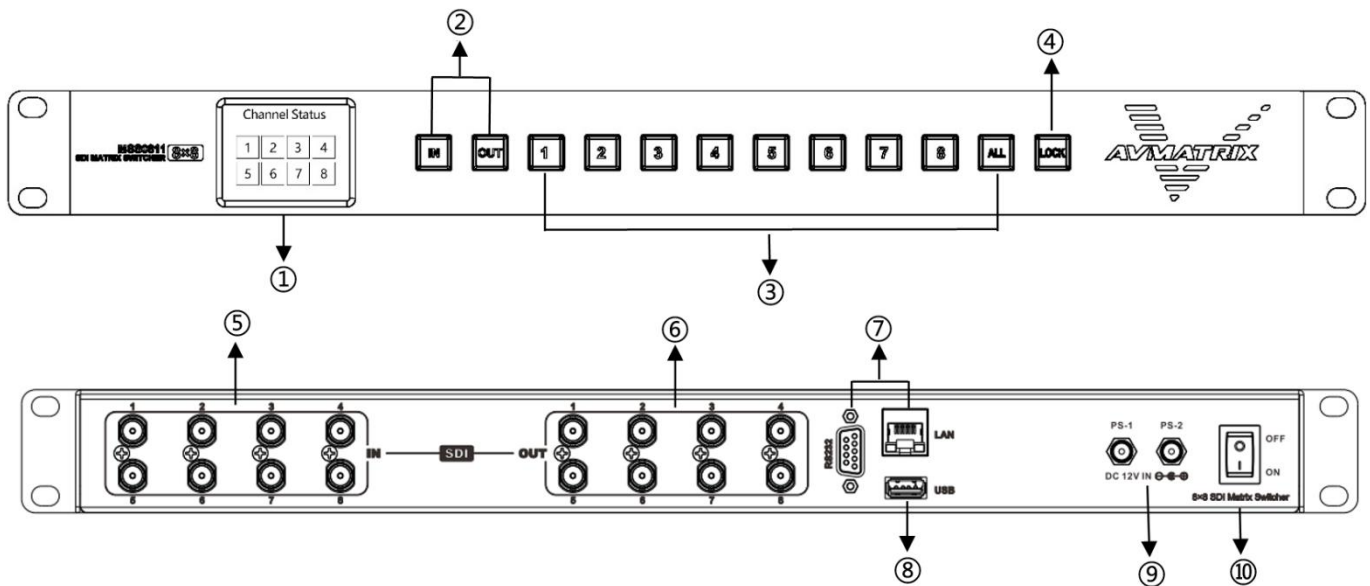
SDI Color Space and Precision

RGB 4:4:4 10bit/12bit
 YUV 4:2:2 10bit/12bit
 YUV 4:4:4 10bit/12bit
 XYZ 4:4:4 12bit

SDI Auto Switching

Automatically detects SD, HD and 3G-SDI

Controls



① 2.2 inch LCD display	Show channel switching status
② IN/OUT buttons	Select the input or output channel
③ Channel buttons	input or output channel from 1 to 8 and all channel
④ Lock button	Lock or unlock, press the button to Lock or unlock front panel buttons
⑤ Inputs	SDI inputs 1-8
⑥ Outputs	SDI outputs 1-8
⑦ Control port	PC software via LAN/RS-232
⑧ USB port	Connect by USB keyboard to control
⑨ Power	Dual power connectors PS-1 & PS-2, for power redundancy
⑩ Power switch	To turn on or off the device

Front Panel Control

- Switching an input to an output.
e.g. press buttons “IN, 1, OUT, 2” to switch input 1 signal to output 2.
- Switching an input to multiple outputs.
e.g. press buttons “IN, 1, OUT, 2, 4, 5” to switch input 1 signal to output 2, 4, 5.
- Switching an input to all outputs.
e.g. press buttons “1, ALL” to switch input 1 signal to all outputs.

USB Keyboard Control (“I” = “IN”, “O” = “OUT”, “A” = “ALL”)

- Switching an input to an output.
e.g. press keys “I, 1, O, 2” to switch input 1 signal to output 2.
- Switching an input to all outputs.
e.g. press keys “1, A” to switch input 1 signal to all outputs.
- Switching the device return to the default status “One to One” press the key “C”.
“One to One” means return to default status, “Input 1 to Output 1, Input 2 to Output 2, ..., Input 8 to Output 8”.

PC Control

Please download the PC control software from website: WWW.AVMATRIX.NET

Power

Power Supply

PS-1, PS-2, power redundancy

Voltage Range

DC 6-24V

Power Consumption

7W

Physical Specifications

Dimension

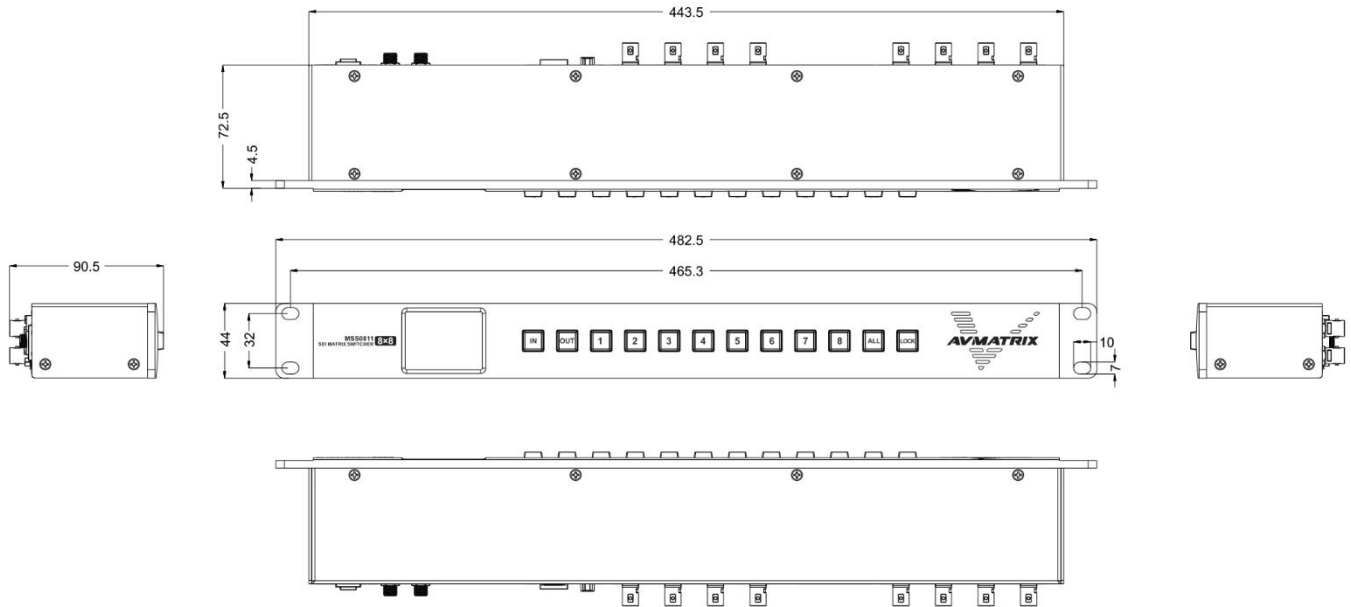
Standard 19" 1 rack unit

Net Weight

1.1kg

Gross Weight

1.7kg



Environmental Specifications

Operating Temperature

-20°C~60°C

Storage Temperature

-30°C~70°C

Relative Humidity

0%~90% non-condensing

What's Included

MSS0811 (8×8 3G-SDI Matrix Switcher)

DC 12V 2A Power Adapter × 2

Warranty

3 Year Limited Manufacturer's Warranty.

◇ Note: due to constant effort to improve products and product features, specifications may change without notice.