

SD and HDSDI Matrix router



MX8x8HDSDI is a high performance multirate SD and HDSDI matrix switcher available in different I/O numbers that distributes and switches SDI and HDSDI serial digital video signals. Inputs are equalized to compensate up to 170 meter long coaxial cable. All outputs are reclocked for stable, jitter free signal transmission. The unit can be controlled either by RS232 / RS422 port or TCP/IP LAN connection or by uilt in website. Housed in a robust metal case, the MX8x8HDSDI is an ideal equipment for rental/staging applications. The unit can be seamlessly integrated in a Vista Spider or Barco Encore system.

Features

- Routing: 4x4; 8x4; 8x8 and 8x8 Dual Link I/O configurations
- Dual Link HDSDI version for 4:4:4 RGB applications in post production studios
- Gold plated HD rate BNC connectors
- Automatic input cable compensation on all inputs 170 meters at HD datarate and 350 meters at SD
- SMPTE 259M and 292M compliant
- Signal detect LED on each input
- Automatic rate selection
- PLL reclocking for signals at 143 Mb/s, 177 Mb/s, 270 Mb/s, 360 Mb/s, 540 Mb/s and 1.485 Gb/s
- PLL lock indicators on each output
- RS-232 or RS-422 control
- Genlock function for both SD and HD signal rates
- Ethernet control for remote system monitoring and control
- Web page hosting capabilities
- Front panel buttons control
- Preset memory function
- Power fail memory function
- TCP/IP LAN control port with built in WEB access
- Vista Spider and Barco Encore compatible

Connectors

| | |
|-----------------|----------------|
| Inputs/Outputs: | 8 x BNC |
| Genlock: | 1 x BNC |
| RS-232/RS-422: | 1x Dsub female |
| Ethernet: | 1x RJ45 |
| Power: | IEC connector |

Specifications

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|---------------------------|--|
| Inputs: | 8 x SD/HD SDI multirate |
| Bit rate: | 143Mb/s to 1.485 Gb/s |
| Equalization: | Automatically |
| Input Cable compensation: | SD datarates: max 350 meter HD datarates: max 170 meter |
| RS-232/RS-422: | 9600 Baud Rx; Tx |
| LAN: | Ethernet 10Base-T or 100Base-TX (Auto-Sensing) |
| Routing: | 8x8 non-blocking - any input(s) to any output(s) |
| Outputs: | 8x SD/HD SDI multirate |
| Reclocking: | Yes |
| Data rates: | 143; 177; 240; 360; 540 and 1485 MBit/sec |
| Power: | 100 to 240 V AC; 70 Watts |
| Power consumption: | 10W |
| Dimensions: | 446 (482)W x 303D x 43,9H mm |
| Compliance: | CE |
| Net weight: | 4420 gramms |
| Warranty: | 3 years |



I/O configurations

4x4; 8x4; 8x8 and 8x8 Dual Link