

Description

MRS series are the compact cost effective switchers designed for broadcast control and/or monitor system. In a smart standard 1U chassis, it can provide 1-16CH individual inputs and outputs. Each product has its own front panel and supports 1-3 remote control panel on which the amazing Genlock\ H\V phase LED indicators are supplied to alarm the time difference between source signals and the local synchronize signal, so user could change PST select quickly as soon as the LED light is on to avoid accident.

SNMP and RS-232 control protocol are also built in the machine. All the configurations and operations can be done by three ways, which are RCP, SNMP and RS-232.

Key Features

- 12bit digital processing, with high quality and high stability
- 1-16 independent outputs selectable
- PSU/Genlock/H&V Phase LED supplied to alarm the abnormal condition
- Vertical interval switching for clean switching. Reverts to free running if the reference is not connected
- Transparent to high definition and standard definition signals carrying embedded audio
- Compatible with ASI transport streams, such as MPEG video
- Configuration and operation by Ethernet , RS-232 or manual
- Built-in WEBSERVER, SNMP and RS-232 protocol
- Standard 1U frame
- Redundant power supplies and controllers

Ordering Information

Model	Description
MRS16x16HS	16x16 HD & SD router, w/ 16x16 remote control panel
MRS16x8HS	16x8 HD & SD router, w/ 16x8 remote control panel
MRS16X4HS	16x4 HD & SD router, w/ 16x4 remote control panel
MRS16X1HS	16x1 HD & SD router, w/ 16x4 remote control panel
MRS16x16HSRC	16x16 HD & SD router, w/ Reclock, and 16x16 remote control panel
MRS16x8HSRC	16x8 HD & SD router, w/ Reclock, and 16x16 remote control panel
MRS16X4HSRC	16x4 HD & SD router, w/ Reclock, and 16x4 remote control panel
MRS16X1HSRC	16x1 HD & SD router, w/ Reclock, and 16x1 remote control panel
MRS16x16	16x16 SD router, w/ 16x16 remote control panel
MRS16x8	16x8 SD router, w/ 16x8 remote control panel
MRS16X4	16x4 SD router, w/ 16x4 remote control panel
MRS16x16RC	16x16 HD & SD router, w/ Reclock, and 16x16 remote control panel
MRS16x8RC	16x8 HD & SD router, w/ Reclock, and 16x16 remote control panel
MRS16X4RC	16x4 HD & SD router, w/ Reclock, and 16x4 remote control panel

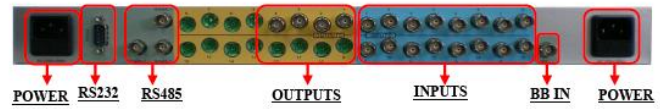
MRS SERIES

MRS 16xx Series Router

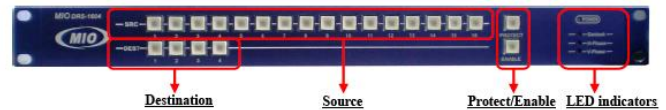
Interface



Appearance



Host Back interface



RCP Front Panel

Specifications

Digital video Input / Output

Input number: 1-16

Output number: 1-16

Input interface: SDI, BNC

Impedance: 75Ω

Signal:

SMPTE 292M (1.485Gb/s, 1.485/1.001Gbps), SMPTE 59M-C(270Mb/s)

Formats:

SD: 576i50, 480i59.94,

HD: SMPTE 274M: 1080i /59.94, 1080i50

SMPTE 296M: 720p59.94, 720p50

Reference input

Signal style: analog composite

Input interface: 1*CVBS, BNC

Impedance: 75Ω

Control Interface

For RCP : 3*RS485 BNC

For PC: 1* RS232 DB9, Female

1*RJ45 10/100M

Gross weight: About 6.5 Kg

Status director

PSU/Genlock/ Horizontal phase/ Vertical phase

Power consumption : 60W

Size: 44 mm (1U) x483 mm (19Inch) x498 mm

Weight: About 5 Kg