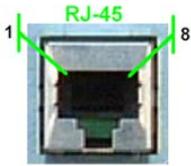


# MX-Lator/SC-400 Rear View

Wednesday, May 16, 2007



U-Net connector is attached to U-Net based control panels via a typical CAT-5 cable and terminated with the supplied U-Net terminators. Maximum cable length of 1000 feet.



U-Net Terminator supplied with SC-400 system. U-Net port MUST be terminated either at the control panel or on the SC-400 rear panel.

E-Net port connects SC-400 to local network via typical CAT-5 cable. Note: There is a separate E-Net connector for the MX-Lator on the right-hand side of the frame.

SC-400 Sync: Use analog black burst or analog Tri-level sync.

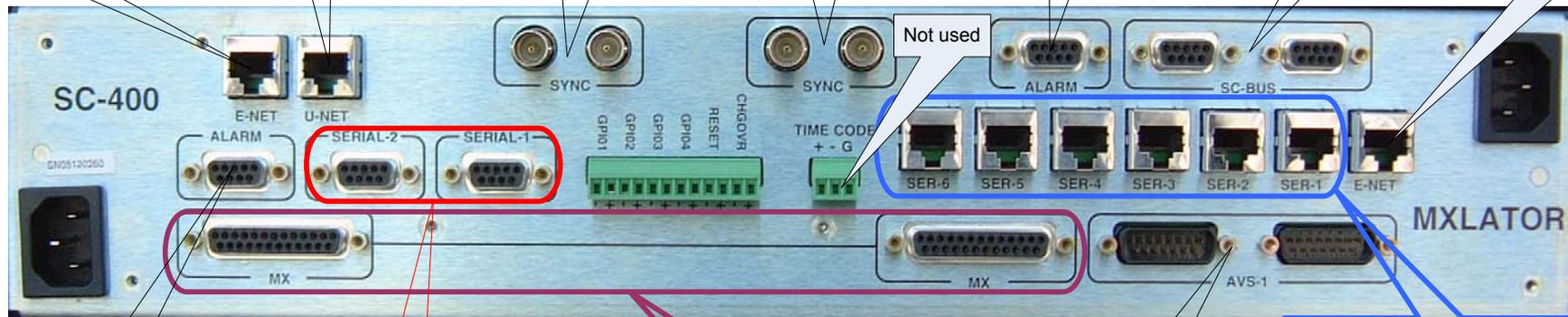
Not used

Alarm Pin Outs:  
1 - ALM0, 2 - ALM1, 3 - ALM2,  
4 - ALM3, 5 - SMPTE0,  
9 - SMPTE, 6,7,8 - GND



SC-Bus for control of Utah AVS-2 series routers using Utah supplied CC-2 cables. Both SC Bus connections must be terminated at all times.

MX-Lator Ethernet interface. In most instances this port must be connected to the SC-4 or SC-400 Ethernet network. Note: There is a separate E-Net connector for the SC-400 on the left-hand side of the frame.



Alarm Pin Outs:

- 1 - ALM0
- 2 - ALM1
- 3 - ALM2
- 4 - ALM3
- 5 - SMPTE0
- 9 - SMPTE1
- 6,7,8 - GND

Serial Port Pin Outs:

- |         |         |
|---------|---------|
| RS-232  | RS-422  |
| 1 - NA  | 1 - N/A |
| 2 - TXD | 2 - TX- |
| 3 - RXD | 3 - RX+ |
| 4 - NA  | 4 - N/A |
| 5 - GRD | 5 - GND |
| 6 - NA  | 6 - N/A |
| 7 - NA  | 7 - TX+ |
| 8 - NA  | 8 - RX- |
| 9 - NA  | 9 - N/A |

MX-Bus connects to MX bus connections on router frames. Both ports must be terminated, either on the SC-400/MX-Lator or router chassis. Total maximum length of 300 feet.



MX-Bus Terminator



MX-Bus Cable

Data Bus for control of Utah AVS-1 & AVS-1B series routers using Utah supplied DC-1 cables. No termination is required.

6) Third Party Router Control Serial Ports

RS-232 Pin Out:  
1-TX, 2-DTR, 3-RX, 4-DSR, 5-RTS, 6-GND, 7-CTS, 8-GND

RS-422 Pin Out:  
1-TX-, 2-GND, 3-RX+, 4-GND, 5-TX+, 6-GND, 7-RX-, 8-GND

Note: the proper router protocol must be installed in the MX-Lator for the serial port to control a third party router.

SC-400/AC-SYSR 140090-16  
MX-Lator/SCSYSR 140090-14  
MX-Lator/SYSR 140090-12

