

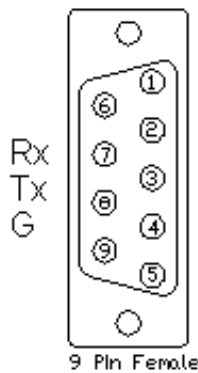
Partner: Mitsubishi
 Model: MDT521S
 Device Type: LCD Monitor



GENERAL INFORMATION

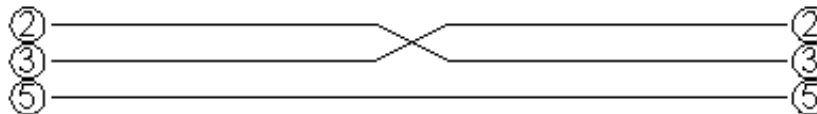
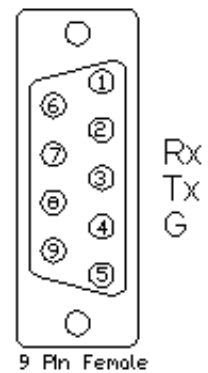
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|------------------------------------|---|
| SIMPLWINDOWS NAME: | Mitsubishi MDT521S v1.0 |
| CATEGORY: | TV/Video Projector |
| VERSION: | 1.0 |
| SUMMARY: | This module will control and/or report Power, Input Select, Picture Mode, Zoom, PIP functions, Volume, Auto Setup and picture functions via RS-232. |
| GENERAL NOTES: | This module will control the Mitsubishi MDT521S via RS-232. It has been tested with the MDT521S, but should also provide control for the MDT651S and MDT421S since the protocol is the same for all three models in this series. This module is System Builder compatible. |
| CRESTRON HARDWARE REQUIRED: | ST-COM, 2-Series Processor, C2COM3 |
| SETUP OF CRESTRON HARDWARE: | RS232 Baud: 9600 Parity: N Data Bits: 8 Stop Bits: 1 |
| VENDOR FIRMWARE: | Unknown |
| VENDOR SETUP: | Must set up the serial control as RS-232. It is located in the monitor's CONFIGURATION2 menu. |
| CABLE DIAGRAM: | CNSP-124 |

Rear View of Connector



CNSP-124

Rear View of Connector



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CONTROL:

| | | |
|--|---|--|
| Power_<On/Off/Toggle> | D | Pulse to turn power on or off. |
| Input_* | D | Pulse to select input. |
| Picture_Mode_* | D | Pulse to select picture mode. sRGB mode is available for the PC sources only, while the Cinema mode is available for the Video sources only. |
| Contrast_<Up/Down> | D | Press to adjust the display's contrast level. |
| Brightness_<Up/Down> | D | Press to adjust the display's brightness level. |
| Color_<Up/Down> | D | Press to adjust the display's color level. |
| Sharpness_<Up/Down> | D | Press to adjust the display's sharpness level. |
| Tint_<Up/Down> | D | Press to adjust the display's tint level. |
| PIP_<On/Off/Toggle> | D | Pulse to turn the pip on or off. |
| PIP_Input_* | D | Pulse to select the input for the PIP window. Cannot have the same type of source (PC or Video) in both the main and PIP windows. |
| PIP_<Small/Medium/Large> | D | Pulse to set the PIP size. |
| Volume_<Up/Down> | D | Press to adjust the volume level. |
| Volume_Mute_<On/Off/Toggle> | D | Pulse to turn the device's volume mute on or off. |
| Zoom_* | D | Pulse to select the zoom size. |
| Auto_Setup | D | Pulse to trigger the auto setup function. |
| Poll_Enable | D | Latch high to enable polling of power status and input. |
| Poll_Settings | D | Latch high to enable polling of the remaining parameters. |
| From_Device | S | Serial information returned via a 2-way serial port. |

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FEEDBACK:

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|--|---|--|
| Power_Is_<On/Off> | D | Indicates the current power state. |
| Input_Is_* | D | Indicates the current input state. |
| Picture_Mode_Is_* | D | Indicates the current picture mode. |
| Contrast_Gauge | A | Indicates the current contrast setting. |
| Brightness_Gauge | A | Indicates the current brightness setting. |
| Color_Gauge | A | Indicates the current color setting. |
| Sharpness_Gauge | A | Indicates the current sharpness setting. |
| Tint_Gauge | A | Indicates the current tint setting. |
| PIP_Is_<On/Off> | D | Indicates the current PIP status. |
| PIP_Input_Is_* | D | Indicates the current PIP input in use. |
| PIP_Is_<Small/Medium/Large> | D | Indicates the current PIP window size. |
| Volume_Gauge | A | Indicates the current volume level. |
| Volume_Mute_Is_<On/Off> | D | Indicates the current volume mute status. |
| Zoom_Is_* | D | Indicates the current zoom type that is active. |
| To_Device | S | Serial information sent via a 2-way serial port. |

PARAMETERS:

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|-------------------|---|--|
| Device_ID. | A | Needs to match the ID of the display being controlled. Default is 1. |
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**TESTING:**

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|---|-----------------------------------|
| OPS USED FOR TESTING: | v4.001.1012 |
| SIMPL WINDOWS USED FOR TESTING: | 2.12.39 |
| DEVICE DB USED FOR TESTING: | 27.05.003.00 |
| CRES DB USED FOR TESTING: | 21.05.007.00 |
| SYMBOL LIBRARY USED FOR TESTING: | 664 |
| SAMPLE PROGRAM: | Mitsubishi MDT521S v1.0 Demo PRO2 |
| REVISION HISTORY: | v1.0 |