

**Partner: NEC**  
**Model: 42+50+60XP10**  
**Device Type: Plasma Monitor**



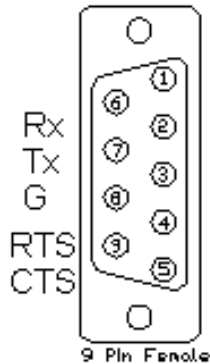
## GENERAL INFORMATION

<b>SIMPLWINDOWS NAME:</b>	NEC 42+50+60XP10 v1.0
<b>CATEGORY:</b>	TV/Video Projector
<b>VERSION:</b>	1.0
<b>SUMMARY:</b>	This module controls power, input selection, picture mode, aspect, volume, OSD, contrast and brightness.
<b>GENERAL NOTES:</b>	<p>Typically, you could enable the polling option when the display's particular control page is active and displayed on a touch panel. You would then disable polling at other times.</p> <p>This module is SystemBuilder compatible.</p>
<b>CRESTRON HARDWARE REQUIRED:</b>	C2I-COM, ST-COM, C2-COM-* or CNX-COM2
<b>SETUP OF CRESTRON HARDWARE:</b>	RS232 Baud:9600 Parity: None Data Bits: 8 Stop Bits: 1
<b>VENDOR FIRMWARE:</b>	CORTEZ VER. = 1.0.28 MTV512 VER. = 1.0.15
<b>VENDOR SETUP:</b>	<p>Also, the following steps were taken on the display's setup menu to ensure proper communication with the control system:</p> <p>First, perform a factory reset of all settings (OPTION 1 -&gt; ALL RESET -&gt; ON) Next, ensure the following settings match the values below:</p> <p>OPTION2 -&gt; PROTOCOL SET -&gt; OFF OPTION3 -&gt; LOOP OUT -&gt; OFF OPTION3 -&gt; MONITOR ID -&gt; ALL OPTION3 -&gt; RS232C CONTROL -&gt; NORMAL</p>
<b>CABLE DIAGRAM:</b>	CNSP-532

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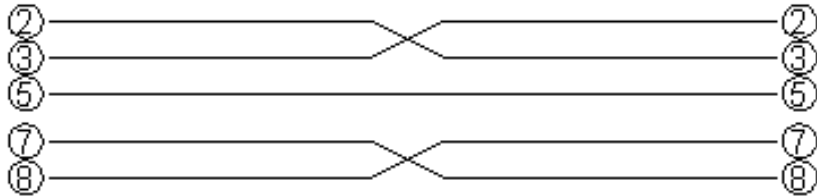
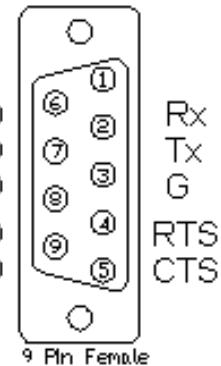


Rear View of Connector



# CNSP-532

Rear View of Connector



## CONTROL:

<b>Power_On/Off/Toggle</b>	D	Pulse to turn the display on or off.
<b>Input_*</b>	D	Pulse to select input source.
<b>Aspect_*</b>	D	Pulse to select aspect ratio.
<b>Picture_Mode_*</b>	D	Pulse to select picture mode.
<b>OSD_On/Off/Toggle</b>	D	Pulse to turn the on screen display on or off.
<b>Volume_Up/Down</b>	D	Press to adjust volume level.
<b>Volume_Mute_On/Off/Toggle</b>	D	Pulse to turn audio mute on or off.
<b>Contrast_Up/Down</b>	D	Press to turn contrast up or down.
<b>Brightness_Up/Down</b>	D	Press to turn brightness up or down.
<b>Poll_Enable</b>	D	Latch high to enable auto polling.
<b>From_Device</b>	S	Serial data signal to be routed from a 2 way com port.

## FEEDBACK:

<b>Power_Is_On/Off</b>	D	Latches high to indicate current power status.
<b>Input_Is_*</b>	D	Latches high to indicate current input source
<b>Aspect_Is_*</b>	D	Latches high to indicate current aspect selection.

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Picture_Mode_Is_*	D	Latches high to indicate current picture mode selection.
OSD_Is_On/Off	D	Latches high to indicate on screen display status.
Volume_Gauge	A	Indicates current volume level for a gauge definition on touchpanel.
Volume_Mute_Is_On/Off	D	Latches high to indicate current audio mute status.
Contrast_Gauge	A	Indicates current contrast setting for a gauge definition on touchpanel.
Brightness_Gauge	A	Indicates current brightness setting for a gauge definition on touchpanel.
To_Device	S	Serial data signal to be routed to a 2 way com port.

### TESTING:

OPS USED FOR TESTING:	3.155.1240
SIMPL WINDOWS USED FOR TESTING:	2.10.32
DEVICE DB USED FOR TESTING:	20.02.009.00
CRES DB USED FOR TESTING:	20.00.015.00
SYMBOL LIBRARY USED FOR TESTING:	570
SAMPLE PROGRAM:	NEC 42+50+60XP10 v1.0 Demo PRO2
REVISION HISTORY:	v1.0