

**Partner: NEC**  
**Model: NP3150**  
**Device Type: Video Projector**



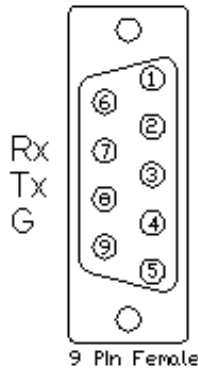
## GENERAL INFORMATION

<b>SIMPLWINDOWS NAME:</b>	NEC NP3150
<b>CATEGORY:</b>	Projector
<b>VERSION:</b>	1.0
<b>SUMMARY:</b>	This module will control the NEC NP3150 Projector.
<b>GENERAL NOTES:</b>	<p>This module was tested with an NP3150, but should also work with the NP1150, NP2150 and NP3151W projectors. True feedback is provided for power, inputs, mute and picture settings. When any command is sent to the projector, it will acknowledge that the command was processed properly and the corresponding feedback will be reflected. If it is desired to poll the projector for the changes made using the IR remote control, or by the controls on the projector itself, you can assert the Poll_Enable input. When this input is high, the projector will be polled every 5 seconds to determine the state of power, inputs, mutes and elapsed lamp hours.</p> <p>Typically, you could enable the polling option when the projector's particular control page is active and displayed on a touch panel. You would then disable polling at other times.</p> <p>Note: Not all inputs commands available on all models.</p>
<b>CRESTRON HARDWARE REQUIRED:</b>	C2I-COM, ST-COM, C2-COM-* or CNX-COM2
<b>SETUP OF CRESTRON HARDWARE:</b>	RS232 Baud: 38,400 Parity: None Data Bits: 8 Stop Bits: 1
<b>VENDOR FIRMWARE:</b>	Unknown
<b>VENDOR SETUP:</b>	None
<b>CABLE DIAGRAM:</b>	CNSP-124

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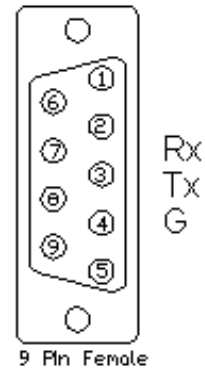
Rear View of Connector



9 Pin Female

# CNSP-124

Rear View of Connector



9 Pin Female

## CONTROL:

<b>Power_On/Off/Toggle</b>	D	Pulse to turn the projector on and off.
<b>Input_*</b>	D	Pulse to select the desired input.
<b>Volume_Up/Down</b>	D	Pulse to turn the picture mute on and off.
<b>Audio_Mute_On/Off/Toggle</b>	D	Pulse to turn the picture mute on and off.
<b>Picture_Mute_On/Off/Toggle</b>	D	Pulse to turn the picture mute on and off.
<b>OSD_Mute_On/Off/Toggle</b>	D	Pulse to turn the OSD mute on and off.
<b>Remote_Key_*</b>	D	Pulse to invoke a remote key code (emulates IR code – non polling)
<b>Poll_Enable</b>	D	Hold high to enable polling. When high, the screen will be polled for it's general settings every 5 seconds.
<b>From_Device\$</b>	S	Serial signal to be routed to a 2-way serial com port.

## FEEDBACK:

<b>Power_On/Off_FB</b>	D	High to indicate the current power state.
<b>Input_*_FB</b>	D	High to indicate the current input state.
<b>No_Signal_Fb</b>	D	High to indicate the current signal not present state.
<b>Picture_Mute_On/Off_Fb</b>	D	High to indicate the current picture mute state.
<b>OSD_Mute_On/Off_Fb</b>	D	High to indicate the current on screen display mute state.

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Lamp_Hours	A	Analog decimal value indicating the current lamp hours.
To_Device\$	S	Serial signal to be routed to a 2-way serial com port.

### TESTING:

OPS USED FOR TESTING:	v4.000.0226
SIMPL WINDOWS USED FOR TESTING:	v2.10.24
CRES DB USED FOR TESTING:	v19.04.010
SYMBOL LIBRARY USED FOR TESTING:	v538
SAMPLE PROGRAM:	NEC NP3150 v1.0 Demo PRO2
REVISION HISTORY:	v1.0 – Initial release