

PC Control Connectors and Cables for NEC Projectors

NEC labels the connector for RS232C serial communication the "PC Control" port.

This PC Control port can be used for the following functions:

- Communication from an AMX, Crestron or Extron control system.
- Communication from a PC using the NEC PC Control Utility for basic projector control.
- Communication from a PC using the NEC Geometric Correction Tool for adjusting a projector to display an image on a cylindrical, spherical or corner screen.
- Communication from a PC using the NEC Image Express Utility to send images to the projector for presentations as well as basic projector control, projector lamp and error status or asset management. (These functions can also be accomplished via LAN or USB with models that have a network interface, optional network PC card or USB interface)

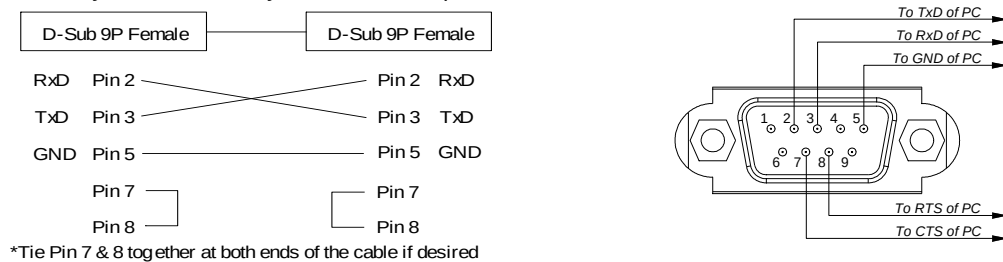
NEC uses two types of connectors for the PC Control port, a D-Sub 9pin for larger projectors and a mini-DIN 8pin for smaller projectors due to space constraints on those models.

Models with D-Sub 9Pin PC Control port:

M260X/M260W/M300X/M300W/M300XS/M300WS, M271X/M311X/M311W,
M282X/M322X/M322W/M402X/M332XS/M352WS
V260/V260X/V300X/V300W, VE281/VE281X, VE282B/VE282XB, V311X/V311W
NP4000/4001, NP4100/4100W
P350X/P350W/P420X, P401W/P421X/P451W/P501X
PA500X/PA500U/PA550W/PA600X, PA622U/PA672W/PA722X
PE401H
PX700W/PX750U/PX800X
PH1000U/PH1400U
U300X/U310W, UM330X/UM330W

A standard D-Sub 9P female to D-Sub 9P female "Null Modem" or "Cross" cable can be obtained at a local computer or electronics store. A "Straight Through" cable will not work.

If you prefer to assemble your own cable, you can use the pin out information below.

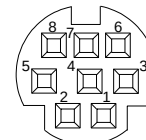
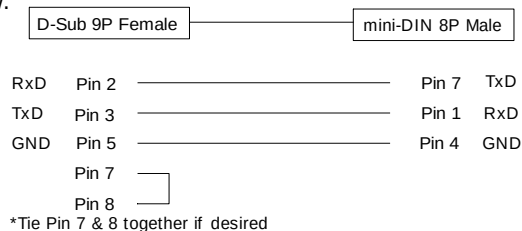


Models with mini-DIN 8Pin PC Control port:

LT30/LT35
LT240/LT260/2LT45/LT265
NP40/NP50/NP60, NP41/NP61/NP62, NP43/NP64
VT37/VT47/VT470/VT570/VT575/VT670/VT676/VT48/VT480/VT580/VT49/VT490/VT491/VT590/VT595/VT695/VT700
WT600/WT610E

A cable can be purchased from NEC using the following part number. (Service P/N: CA03DE)

If you prefer to assemble your own cable, use the pin out information below and the following tips. Soldering a mini-DIN connector can be tedious. To simplify the cable assembly, you can purchase a MAC or Sun type keyboard/mouse cable (mini-DIN 8P) at a local computer store. Cut a DIN connector from one end and attach a D-Sub 9P Female to that end using the pin out below.



Note: Do not confuse Pins 1 & 7 on the mini-DIN 8P connector. Pin 1 is below Pins 3 & 4 which are offset to one side of the connector.

NOTE1: It is recommended to set the projector to "Idle Mode" in the Setup menu for best Power ON response.

NOTE2: For long cable runs it is recommended to set communication speed to 9600 bps in the Setup menu.