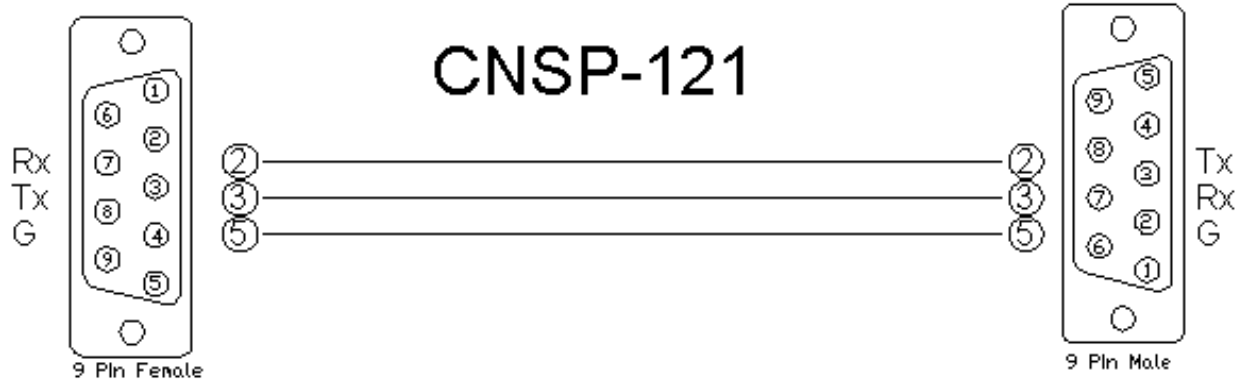


Partner: Symetrix
Model: SymNet & IS 780 + 760 + 722
Device Type: DSP

**GENERAL INFORMATION**

SIMPLWINDOWS NAME:	Symetrix Symnet + Integrator Series 780 + 760 + 722 Volume Control v1.0
CATEGORY:	Mixer
VERSION:	1.0
SUMMARY:	This module will control any volume point in a SymNet Device or the Integrator Series 780, 760 or 722.
GENERAL NOTES:	This module will control the Symetrix SymNet devices. It will also control the Integrator Series 780, 760 or 722 devices. There are parameters for controller numbers for the volume and the mute. For the SymNet devices these numbers are set by the person programming the SymNet. For the Integrator Series devices, these numbers are preprogrammed from the factory. These are so many control points in the Integrator Series devices that the controller numbers could not be listed here. For a list of the controller numbers for the Integrator Series devices please download the Integrator Series External Control Protocol document from the Symetrix web site. Appendices A, B and C detail the controller numbers for each of the Integrator Series devices.
CRESTRON HARDWARE REQUIRED:	CNXCOM-6, CNXCOM-2, ST-COM, C21-COM-*, C2-COM2/3, C2-ENET1/2
SETUP OF CRESTRON HARDWARE:	SymNet RS232 Baud: 38400 Parity: None Data Bits: 8 Stop Bits: 1 Integrator Series RS232 Baud: 57600 Parity: None Data Bits: 8 Stop Bits: 1 SymNet and Integrator Series UDP/IP Port: 48630
VENDOR FIRMWARE:	SymNet: 7.003 Integrator Series: Unknown
VENDOR SETUP:	SymNet devices will need to have the controller numbers set when programming the SymNet device.
CABLE DIAGRAM:	CNSP-121

Partner: Symetrix
Model: SymNet & IS 780 + 760 + 722
Device Type: DSP



CONTROL:

Volume_Up/Down	D	Press and hold to adjust the volume.
Slider_Input	A	Analog value coming from a Slider on a touch panel. This may be commented out if it is not desired to use a slider.
Mute_On/Off/Toggle	D	Pulse to turn the mute on and off.
From_Device	S	Serial signal to be routed from a 2-way serial com port or a UDP/IP symbol.

PARAMETERS:

Controller Number	P	Enter the controller number for the volume you wish to control. This requires 5 digits so you must enter leading zeroes. i.e. 42 would be entered as 00042
Ramp Time	P	Set the volume ramp time.
Slider Ramp Time	P	Set the ramp time for controlling the volume from a slider. 0s will give real time changes, greater values will have a ramp effect.
FaderType	P	Select from the drop down list.
Mute Controller Number	P	Enter the controller number for the volume you wish to control. This requires 5 digits so you must enter leading zeroes. i.e. 42 would be entered as 00042

Partner: Symetrix
Model: SymNet & IS 780 + 760 + 722
Device Type: DSP

**FEEDBACK:**

Volume_Gauge	A	Analog output indicating the current volume level to be displayed using a gauge on a touch panel.
Volume_dB_Text	S	Serial signal indicating the current volume level in dB.
Mute_is_On/Off	D	High to indicate the current mute state.
To_Device	S	Serial signal to be routed to a 2-way serial com port or UDP/IP symbol.

TESTING:

OPS USED FOR TESTING:	3.155.1240
SIMPL WINDOWS USED FOR TESTING:	2.10.32
CRESTRON DB USED FOR TESTING:	20.00.015.00
DEVICE DB USED FOR TESTING:	20.02.009.00
SAMPLE PROGRAM:	Symetrix SymNet + Integrator Series 780 + 760 + 722 v1.0 Demo
REVISION HISTORY:	V. 1.0