

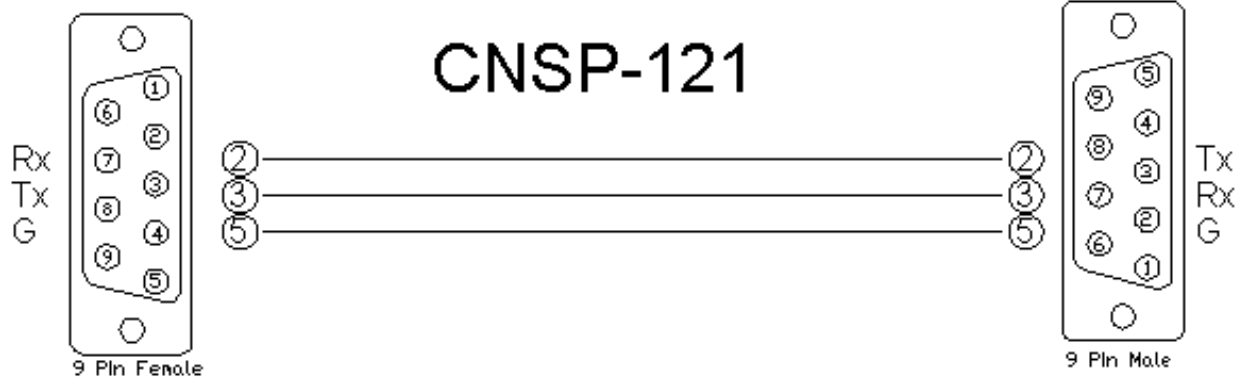
**Partner: Classe**  
**Model: SSP-600**  
**Device Type: A/V Processor**



## GENERAL INFORMATION

<b>SIMPLWINDOWS NAME:</b>	Classe SSP-600 Processor.umc
<b>CATEGORY:</b>	A/V Processor
<b>VERSION:</b>	1.0
<b>SUMMARY:</b>	This module will control most of the functions of the Classe SSP-600 Processor
<b>GENERAL NOTES:</b>	<p>This module will control most of the functions of the Classe SSP-600 Processor. It should also control the SPP-300, as the protocols are the same, but at the time of module creation has not yet been tested.</p> <p>When the unit is powered off, the system comes up at volume level 0.0 and muted. This is not done by the module. It is a feature of the device.</p> <p>Input switching is not allowed while in Tape Monitor mode. So all source selection functions do not work while this mode is in place. Tape Monitor mode is not available while the input source is input 11 (7.1). These are due to the operation of the unit, and warning messages are displayed on the main page of the front LCD panel when unallowed commands are attempted.</p>
<b>CRESTRON HARDWARE REQUIRED:</b>	C2-COM, ST-COM
<b>SETUP OF CRESTRON HARDWARE:</b>	RS232 Baud: 9600 Parity: None Data Bits: 8 Stop Bits: 1
<b>VENDOR FIRMWARE:</b>	Firmware: 1.3.4 build 0231 Bootstrap: KickStart 1.1.5 Hardware: FP 1.00, TI 6.76, DC 1.8, PM 5A, AV 1.23, VD 7:7
<b>VENDOR SETUP:</b>	None
<b>CABLE DIAGRAM:</b>	CNSP-121

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**CONTROL:**

<b>Power_On</b>	D	Pulse to turn on device power
<b>Power_Off</b>	D	Pulse to turn off device power
<b>Volume_Up</b>	D	Press and hold to ramp the volume up
<b>Volume_Down</b>	D	Press and hold to ramp the volume Down
<b>Mute_On</b>	D	Pulse to mute the outputs
<b>Mute_Off</b>	D	Pulse to unmute the outputs
<b>Mute_Toggle</b>	D	Pulse to toggle the status of the mute
<b>Input_*</b>	D	Pulse these inputs to go to the desired external inputs of the device (does not function when in tape monitor mode)
<b>Tape_Monitor_On</b>	D	Pulse to enter Tape Monitor mode (not available when input 11 (7.1) is selected)
<b>Tape_Monitor_Off</b>	D	Pulse to exit Tape Monitor mode
<b>Next_Input</b>	D	Pulse to advance to the next input (Does not function when in Tape Monitor Mode)
<b>Prev_Input</b>	D	Pulse to go back to the previous input (Does not function when in Tape Monitor Mode)
<b>Zone_Input_*</b>	D	Pulse these inputs to go to the desired input for Zone
<b>Zone_Volume_Up</b>	D	Press and Hold to increase the Zone volume

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Zone_Volume_Up	D	Press and Hold to decrease the Zone volume
Zone_Mute_On	D	Pulse to mute Zone audio
Zone_Mute_Off	D	Pulse to unmute Zone audio
Zone_Mute_Toggle	D	Pulse to toggle Zone mute on/off
Dolby_Pro_Logic_*	D	Pulse to go to the available Dolby Pro Logic Modes
Multichannel*	D	Pulse to go to Multichannel Mode (Mutichannel audio must be present)
Stereo*	D	Pulse to go to the available Stereo modes
Music_*	D	Pulse to go to the available Music modes
Mono*	D	Pulse to go to the available Mono modes
Dolby_Digital_EX	D	Pulse to go to Dolby Digital EX mode (Dolby Digital EX audio must be present)
Neo6*	D	Pulse to go to the available Neo:6 modes
DTS_Matrix_6.1*	D	Pulse to go to the available DTS Matrix 6.1 modes (DTS Matrix 6.1 audio must be present)
THX_On	D	Pulse to turn on THX (If available in current mode)
THX_Off	D	Pulse to turn THX off
Dolby_Late_Night_On	D	Pulse to turn on Dolby Late Night Compression (Dolby encoded audio must be present)
Dolby_Late_Night_Off	D	Pulse to turn off Dolby Late Night Compression
OSD_*	D	Use these to move around the On-Screen Display menus
Listening_Position_*	D	Pulse to go to available Listening Position presets
Balance_Left	D	Pulse to move balance 1 step to the left
Balance_Center	D	Pulse to return the balance back to the center
Balance_Right	D	Pulse to move balance 1 step to the right

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Lip_Sync_Up	D	Pulse to increase Lip Sync Delay by 1 ms
Lip_Sync_0	D	Pulse to return Lip Sync Delay to 0 ms
Lip_Sync_Down	D	Pulse to decrease Lip Sync Delay by 1 ms
Subwoofer_*	D	Pulse to adjust Subwoofer trim 1 dB
Center_*	D	Pulse to adjust Center trim 1 dB
Surrounds_*	D	Pulse to adjust surrounds trim 1 dB
Back_*	D	Pulse to adjust Backs trim 1db (if available)
From_Device\$	D	String signal to be connected to the RX side of the com port

### FEEDBACK:

Power_*_Fb	D	Feedback indicating the device's power status
Volume_Bar	A	Analog value of device's current volume to be sent to a bar graph
Volume_Gauge	A	Volume level to be displayed using a digital gauge on a touch panel
Mute_*_Feedback	D	True feedback indicating the device's output mute status
Input_*_Fb	D	True feedback indicating which device input is currently selected
From_Device\$	S	String signal to be connected to the TX side of the com port

### TESTING:

OPS USED FOR TESTING:	PRO2 Cntrl Eng [v3.137 (Release)]
COMPILER USED FOR TESTING:	2.00.31
SAMPLE PROGRAM:	Classe SSP-600 Processor Demo.smw
REVISION HISTORY:	V. 1.0