

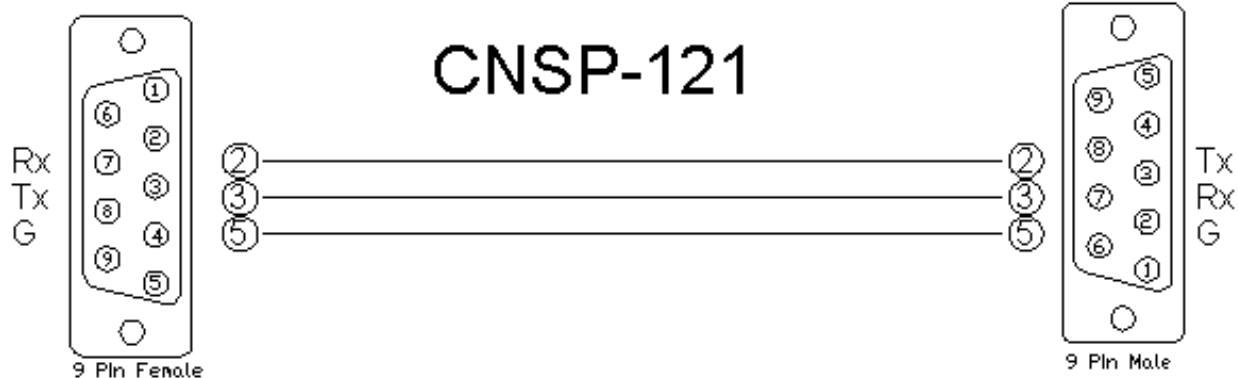
Partner: ADCOM
Model: GTP-602
Device Type: Tuner/Preamplifier



GENERAL INFORMATION

SIMPLWINDOWS NAME:	ADCOM GTP-602.umc
CATEGORY:	Receiver/Processor
VERSION:	1.0
SUMMARY:	This module will control all of the functions of the ADCOM GTP-602 AM/FM Tuner/Preamplifier.
GENERAL NOTES:	<p>This module will control all of the functions of the ADCOM GTP-602 AM/FM Tuner/Preamplifier. When a command is sent to the preamp, it will acknowledge that the command was processed properly and the corresponding feedback will be reflected at the outputs of this module.</p> <p>A pulse on the Poll_Device input of the module will initialize all feedback and go to Tuner mode. This initialization pulse should only be required once at program startup, as the device sends updates through the serial ports – including those made by the front panel and the remote.</p> <p>The tuner functions only work while the input selection is set to the built-in tuner input, and the device is on the tuner “page” on the LED display i.e. they will not function when on the Bass or Treble “Page” of the LED display. This is not a limitation of the module, it is how the device functions (even from the IR remote).</p>
CRESTRON HARDWARE REQUIRED:	C2-COM, ST-COM
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 38,400 Parity: None Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	Unknown
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-121

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CONTROL:

	D	Pulse once at program start to acquire all of the system status feedback
Power_On	D	Pulse to turn on device power
Power_Off	D	Pulse to turn off device power
Power_Toggle	D	Pulse Toggle the power status of the device
Volume_Up	D	Press and hold to ramp the volume up
Volume_Down	D	Press and hold to ramp the volume Down
Mute_On	D	Pulse to mute the outputs
Mute_Off	D	Pulse to unmute the outputs
Mute_Toggle	D	Pulse to toggle the status of the mute
Input_Tuner	D	Pulse to go to the built-in Tuner Input
Input_*	D	Pulse these inputs to go to the desired external inputs of the device
Band_AM	D	Pulse to change the tuner to the AM band
Band_FM	D	Pulse to change the tuner to the FM band
Band_Toggle	D	Pulse to toggle the built-in tuner between the AM and FM bands
Mode_Stereo	D	Pulse to change to stereo mode (Only works if a stereo signal is available)

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Mode_Mono	D	Pulse to change from Stereo mode to Mono Mode
Mode_Toggle	D	Pulse to toggle between Stereo and Mono (if a stereo signal is available)
Treble_Up	D	Press and hold to ramp up the Treble
Treble_Dn	D	Press and hold to ramp down the Treble
Bass_Up	D	Press and hold to ramp up the Bass
Bass_Down	D	Press and hold to ramp down the Bass
Bypass_On	D	Pulse to bypass the bass and treble settings
Bypass_Off	D	Pulse to put the bass and treble settings inline
Bypass_Toggle	D	Pulse to toggle the bass and treble settings in and out
Tuner_RDS	D	Pulse to toggle the tuner RDS modes
Tuner_Tune/Preset	D	Pulse to toggle between tuning modes (tune/preset)
Tuner_Up	D	Pulse or press and hold to tune up
Tuner_Down	D	Pulse or press and hold to tune up
Preset_*	D	Pulse these inputs for direct access to the saved presets
Save_Preset	D	To save a preset, tune to the desired station, pulse this input, then pulse the preset desired, then pulse this input again to confirm.
From_Device\$	S	Serial signal from a 2-way com port

FEEDBACK:

Poll_Busy	D	This signal is high while the poll process is in progress after pulsing the Poll_In
Power_*_Fb	D	True Feedback indicating the device's power status
*_Bar	A	Analog value of device's current volume/bass/or treble to be sent to a bar graph
Mute_*_Feedback	D	True feedback indicating the device's output mute status

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Input_*_Fb	D	True feedback indicating which device input is currently selected
Band_*_Feedback	D	True feedback indicating which band the device is currently in
Mode_*_Feedback	D	True feedback indicating whether the device is currently in mono or stereo
Treble\$	S	String that indicates the current treble setting
Bass\$	S	String that indicates the current bass setting
Bypass_*_Fb	D	True feedback indicating whether or not the treble and bass settings are bypassed
Tuner_*_Fb	D	True feedback indicating whether the device is in tuner or preset tune mode
Station\$	S	String that indicates the band and current station tuned to
Preset_*_Fb	D	True Feedback Indicating the last preset selected or tuned to
Display_Line*\$	S	2 strings indicating the 2 lines of the front panel LED display to be routed to a touchpanel.

TESTING:

OPS USED FOR TESTING:	PRO2 Cntrl Eng [v3.137 (Release)]
COMPILER USED FOR TESTING:	2.00.31
SAMPLE PROGRAM:	ADCOM GTP-602 Demo.smw
REVISION HISTORY:	V. 1.0