

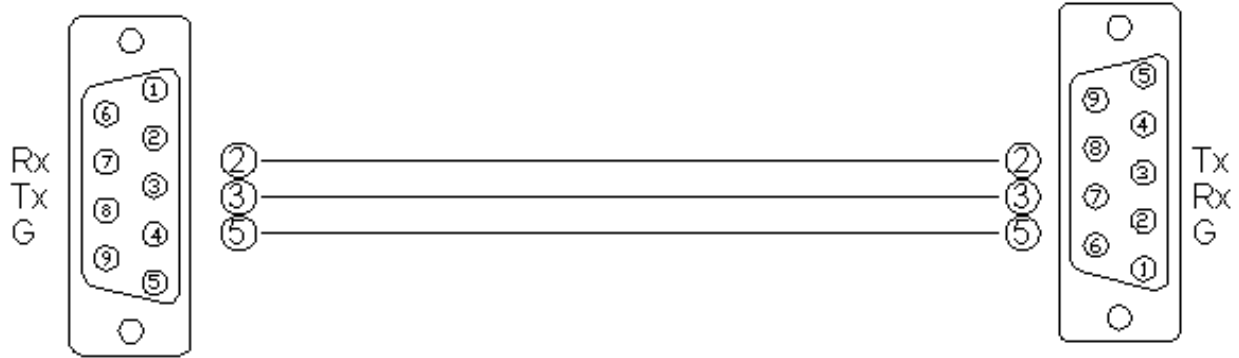
Partner: Sherbourn
Model: T100
Device Type: AM/FM Tuner



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Sherbourn T100 Tuner v1
CATEGORY:	Tuner
VERSION:	1
SUMMARY:	This program will control most functions of the Sherbourn T100 tuner.
GENERAL NOTES:	<p>This program controls and demonstrates most features of the Sherbourn T100 tuner. Such functions are Auto/manual tuning, 32 preset store and recall, preset scanning, band selection, stereo/mono mode selection, direct channel entry and device power. All functions have true feedback that indicates device's true state.</p> <p>This module is capable of displaying most parameters that are displayed on the T100's LCD. These are, station frequency, band, tuning mode, search mode, and current preset.</p> <p>To store a Preset:</p> <ol style="list-style-type: none">1) Pulse Preset_Store.2) Pulse the desired preset number.3) Pulse Preset_Enter. <p>Preset will become the currently selected preset.</p> <p>This module requires the use of From_Device\$ serial signal for proper operation. It cannot be commented out.</p> <p>This module is for use in 2-series processors only.</p>
CRESTRON HARDWARE REQUIRED:	C2ICOM, C2-COM-2/3
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: N Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	Unknown
VENDOR SETUP:	Default Zone address is 1.
CABLE DIAGRAM:	CNSP-121

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CONTROL:

Power_On/Off/Toggle	D	Pulse to change current power state of device.
Band_AM/FM/Toggle	D	Pulse to change current band state of device.
Preset_Scan_Up/Down/Stop	D	Pulse to scan stored presets up/down or stop scanning process.
Tune_Up/Down/Step1	D	Pulse to tune increment/decrement station frequency.
Stereo/Mono_Mode_AM/FM	D	Pulse to change stereo mono mode.
Key_<1 – 9>	D	Pulse to directly set station frequency.
Key_Clear	D	Pulse to clear direct station entry text display.
Key_Enter	D	Pulse to store current station in currently selected preset.
Key_Back	D	Pulse to clear last entered character for direct station entry.
Preset_<1 – 32>	D	Pulse to select AM or FM station preset. This will also store band.
Preset_Enter	D	Pulse to complete the preset storage process.
Preset_Erase	D	Pulse to delete currently selected preset.
Preset_Store	D	Pulse to start preset storage process.
To_Device\$	S	Serial signal to be sent to a 2-way com port.

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FEEDBACK:

Power_On/Off_FB	D	True feedback indicating devices current power state.
Band_AM/FM_FB	D	True feedback indicating devices current operating band.
Frequency	A	Analog value indicating tuners current station frequency.
Search_Mode	A	Analog value indicating tuners current search mode.
Band	A	Analog value indicating tuners current band 1d-AM 2d-FM.
Preset	A	Analog value indicating tuners currently selected preset.
Tuning_Mode	A	Analog value indicating tuners current tuning mode 1d-Auto 2d-Manual.
Stereo_Mode	A	Analog value indicating tuners current stereo mode 1d-Mono 2d-Stereo.
IR_Mode	A	Analog value indicating tuners IR capability. 1d = Yes 0d = No
Stereo/Mono_On/Off_FB	S	True feedback indicating devices current operating band.
Preset_<1 – 32>_FB	D	True feedback indicating devices currently active preset.
Store_FB	D	True feedback indicating devices is in preset store mode.
From_Device\$	S	Serial signal coming from a 2-way com port.

TESTING:

OPS USED FOR TESTING:	3.155.1240
SIMPL WINDOWS USED FOR TESTING:	2.08.41
CRES DB USED FOR TESTING:	18.8.8
SYMBOL LIBRARY USED FOR TESTING:	487
SAMPLE PROGRAM:	Sherbourn T100 Tuner Demo v1
REVISION HISTORY:	V. 1.0