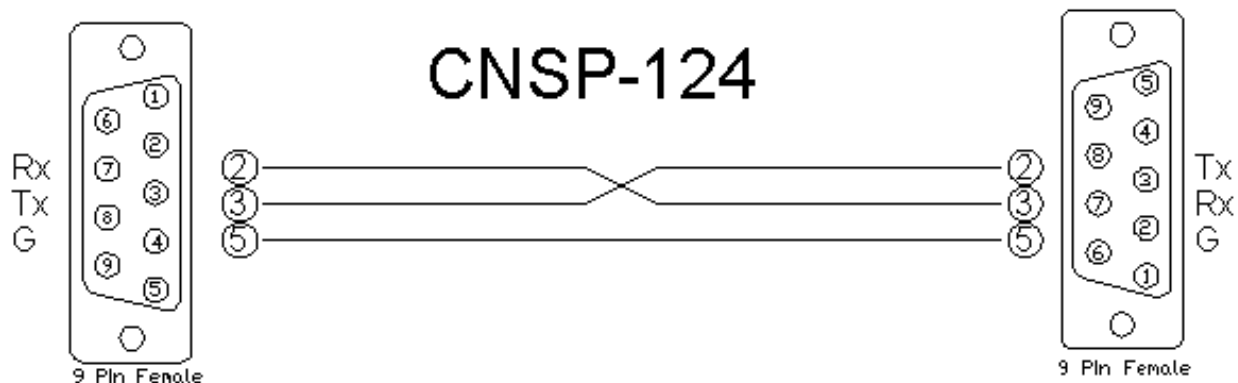


Partner: Pioneer
Model: VSX-84TXSi
Device Type: Audio/Video Receiver



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Pioneer VSX-84TXSi
CATEGORY:	Receiver/Processor
VERSION:	1.0
SUMMARY:	This module provides RS232 control and true feedback for the Pioneer VSX-84TXSi.
GENERAL NOTES:	<p>This module provides control for the Pioneer VSX-84TXSi. It also provides true feedback.</p> <p>NOTE: The iPod and XM tuner controls are to control the separate Pioneer iPod docking station and the separate Pioneer XM tuner. These are controlled using the RS232 connection to the VSX-84TXSi.</p>
CRESTRON HARDWARE REQUIRED:	C2COM-2/3, C21-COM6, ST-COM, CNX-COM6, CNXCOM-2
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: N Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	N/A
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-124



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CONTROL:

Power_On/Off/Toggle	D	Pulse to turn the unit on and off.
Main_Input_*	D	Pulse to select the desired input for the main zone.
Main_Volume_Up/Down	D	Press and hold to adjust the main volume.
Main_Volume_Mute_On/Off/Toggle	D	Pulse to turn the main volume mute on and off.
Tone_Control_On/Off/Toggle	D	Pulse to turn the tone control on and off.
Bass_Up/Down	D	Pulse to adjust the bass level. Will do nothing if Tone_Control is off.
Treble_Up/Down	D	Pulse to adjust the treble level. Will do nothing if Tone_Control is off.
Surround_Mode_*	D	Pulse to select the desired surround mode.
Zone_2_Power_On/Off/Toggle	D	Pulse to turn the zone 2 power on and off.
Zone_2_Input_*	D	Pulse to select the desired input for zone 2.
Zone_2_Volume_Up/Down	D	Press and hold to adjust the volume for zone 2.
Zone_2_Volume_Mute_On/Off/Toggle	D	Pulse to turn the zone 2 volume mute on and off.
Zone_3_Power_On/Off/Toggle	D	Pulse to turn the zone 3 power on and off.
Zone_3_Input_*	D	Pulse to select the desired input for zone 3.
iPod_*	D	Pulse to control the Pioneer iPod dock.
XM_*	D	Pulse to control the Pioneer XM tuner.
Tuner_Band	D	Pulse to change the tuner band from AM to FM.
Tuner_Preset_*	D	Pulse to select the desired preset.
Tuner_Class	D	Pulse to change the tuner class from A to B to C.
Tuner_Preset_+/-	D	Pulse to select the next or previous preset.
Tuner_Frequency_+/-	D	Pulse to adjust the tuner frequency.

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Initialize	D	Pulse to get the initial status of the Pioneer.
From_Device\$	S	Serial signal to be routed from a 2-way serial com port.

FEEDBACK:

Power_On/Off_Fb	D	High to indicate the current power state.
Main_Input_*_Fb	D	High to indicate the currently selected input for the main zone.
Main_Volume_Bar	A	Analog value representing the current volume level for the main zone. To be displayed using a bar graph on a touch panel.
Main_Volume_Mute_On/Off_Fb	D	High to indicate the current main volume mute state.
Tone_Control_On/Off_Fb	D	High to indicate the current tone control state.
Bass_Bar	A	Analog value indicating the current bass level. To be displayed using a bar graph on a touch panel.
Treble_Bar	A	Analog value indicating the current treble level. To be displayed using a bar graph on a touch panel.
Surround_Mode_*_Fb	D	High to indicate the currently active surround mode.
Zone_2_Power_On/Off_Fb	D	High to indicate the current power state for zone 2.
Zone_2_Input_*_Fb	D	High to indicate the currently selected input for zone 2.
Zone_2_Volume_Bar	A	Analog value representing the current volume level for zone 2. To be displayed using a bar graph on a touch panel.
Zone_2_Volume_Mute_On/Off_Fb	D	High to indicate the current volume mute state for zone 2.
Zone_3_Power_On/Off_Fb	D	High to indicate the current power state for zone 3.
Zone_3_Input_*_Fb	D	High to indicate the currently selected input for zone 3.
XM_Station_Analog	A	Analog value representing the current XM station. To be displayed using a digital gauge on a touch panel.
Tuner_Band_AM/FM_Fb	D	High to indicate the current tuner band.
Tuner_Preset_*_Fb	D	High to indicate the currently selected tuner preset.

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Tuner_Preset_Class_A/B/C_Fb	D	High to indicate the current tuner preset class.
Tuner_Frequency_Analog	A	Analog value indicating the current tuner frequency. To be displayed using a digital gauge on a touch panel.
To_Device\$	S	Serial signal to be routed to a 2-way serial com port.

TESTING:

OPS USED FOR TESTING:	3.155.1143
SIMPL WINDOWS USED FOR TESTING:	2.08.14
CRES DB USED FOR TESTING:	18.3.3
SYMBOL LIBRARY USED FOR TESTING:	426
SAMPLE PROGRAM:	Pioneer VSX-84TXSi Demo
REVISION HISTORY:	V. 1.0 – Original Release.