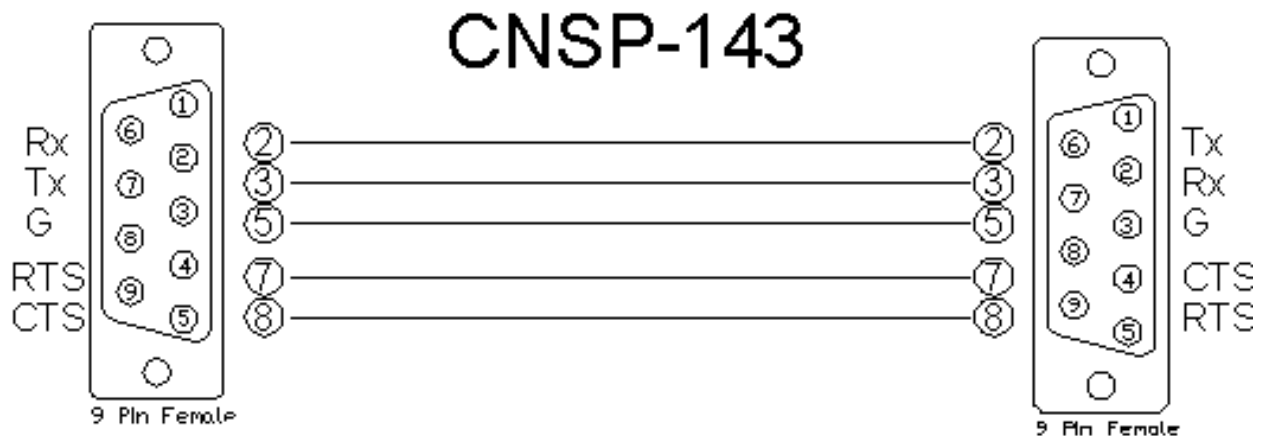


**Partner:** Marantz  
**Model:** DV-8400  
**Device Type:** Transport Deck



**GENERAL INFORMATION**

<b>SIMPLWINDOWS NAME:</b>	Marantz DV-8400
<b>CATEGORY:</b>	Transport Decks
<b>VERSION:</b>	1.0
<b>SUMMARY:</b>	This module controls the Marantz DV-8400.
<b>GENERAL NOTES:</b>	<p>This module controls the Marantz DV-8400. It provides real feedback. The chapter number is not provided for audio CDs.</p> <p>The Poll input should only be pulsed to get the initial device status. The DV-8400 sends the status as things change. It is not necessary to hold this input high or to continually pulse this input.</p>
<b>CRESTRON HARDWARE REQUIRED:</b>	CNXC�M, CNX-COM2, ST-COM
<b>SETUP OF CRESTRON HARDWARE:</b>	<p>RS232</p> <p>Baud Rate - 9600</p> <p>Parity - None</p> <p>Data Bits - 8</p> <p>Stop Bits - 1</p>
<b>PARTNER FIRMWARE:</b>	None
<b>PARTNER SETUP:</b>	None
<b>CABLE DIAGRAM:</b>	



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**CONTROL:**

Power_On/Off/Toggle	D	Pulse to turn the unit on or off.
Open/Close	D	Pulse to open or close the tray.
Play	D	Pulse to play the disc.
Stop	D	Pulse to stop playing the disc.
Pause	D	Pulse to pause the disc.
Previous_Track/Chapter	D	Pulse to go to the previous chapter.
Next_Track/Chapter	D	Pulse to go to the next chapter.
Slow_Reverse/Forward	D	Pulse while in pause to slow play mode.
Fast_Reverse/Forward	D	Pulse to put the player into fast forward or reverse.
Repeat	D	Pulse to cycle through the repeat modes.
Repeat_A/B	D	Pulse to cycle through the repeat a/b modes.
Program	D	Pulse to activate the program function.
Random	D	Pulse to cycle through the random play modes.
Search	D	Pulse to activate the search function.
Display	D	Pulse to activate the display function.
Display_Video_On/Off	D	Pulse to turn the display video on and off.
Dimmer	D	Pulse to cycle through the front panel light levels.
Memory_Condition	D	Pulse to condition the memory.
Memory_Last	D	Pulse to select the last memory.
Top_Menu	D	Pulse to go to the top menu.
Menu	D	Pulse to go to the menu.



<b>Return</b>	D	Pulse to return to the previous menu entry or previous screen.
<b>Key_Pad_*</b>	D	Pulse to enter a track or chapter.
<b>Angle</b>	D	Pulse to cycle through the camera angles.
<b>Sub_Title</b>	D	Pulse to cycle through the subtitles.
<b>Audio</b>	D	Pulse to cycle through the audio track languages.
<b>Up/Down/Left/Right</b>	D	Moves the cursor up in the menus and settings.
<b>Enter</b>	D	Pulse to accept the current settings or menu selection.
<b>Video_Adjust</b>	D	Pulse to adjust the video.
<b>Set_Up</b>	D	Pulse to go to set up menu.
<b>Display_On/Off</b>	D	Pulse to turn the display on or off.
<b>Auto_Power_On/Off</b>	D	Pulse to turn the auto power off function on or off.
<b>IR_Code_*</b>	D	Pulse to set the DVD player to accept the IR codes for DVD 1 or DVD 2.
<b>Clear</b>	D	Pulse to clear the previous entry.
<b>Poll</b>	D	Pulse to get the initial device status.
<b>From_Device\$</b>	S	Serial signal to be routed from a 2-way serial com port.

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**FEEDBACK:**

Power_On/Off_Fb	D	Real feedback indicating the current power state.
Tray_Open_Fb	D	Real feedback indicating that the disc tray is opened.
Play_Fb	D	Real feedback indicating that the device is in play.
Stop_Fb	D	Real feedback indicating that the device is in stop.
Pause_Fb	D	Real feedback indicating that the device is in pause.
Slow_Fb	D	Real feedback indicating that the device is in slow play.
Counter_Time	A	Real feedback indicating the current time into the track, chapter or disc.
Track_Number	A	Real feedback indicating the track number that is playing.
Chapter_Number	A	Real feedback indicating the chapter number that is playing.
Title_Number	A	Real feedback indicating the title number that is playing.
Group_Number	A	Real feedback indicating the group number that is playing.
Disc_*_Fb	D	Real feedback indicating the type of disc in the tray.
To_Device\$	S	Serial signal to be routed to a 2-way serial com port.

**TESTING:**

<b>OPS USED FOR TESTING:</b>	CNMSX – 5.14.02 Pro2 - 3.080
<b>SIMPLWINDOWS USED FOR TESTING</b>	2.04.14.05
<b>SAMPLE PROGRAM:</b>	Marantz DV-8400 PRO2 Demo Marantz DV-8400 CNMSX Demo
<b>REVISION HISTORY:</b>	None