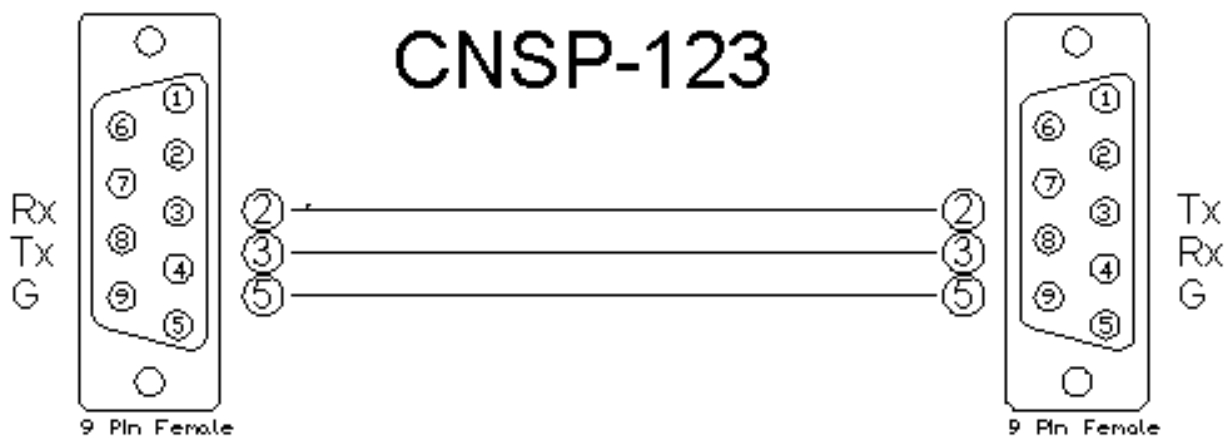


**Partner:** Sony  
**Model:** DVP-CX777ES  
**Device Type:** Transport Deck



**GENERAL INFORMATION**

<b>SIMPLWINDOWS NAME:</b>	Sony DVP-CX777ES
<b>CATEGORY:</b>	Transport Decks
<b>VERSION:</b>	1.0
<b>SUMMARY:</b>	This module controls the DVP-CX777ES 400 Disk DVD changer.
<b>GENERAL NOTES:</b>	This module controls the Sony DVP-CX777ES 400 disc changer. It provides true feedback. In order to get automatic updates from the DVP-CX777ES, you should turn the Broadcast Mode on. When you pulse the Power_On input, the Broadcast_On command will be sent, unless you hold the Disable_AutoBroadcast input high. Most functions are the same as pressing a button on the IR remote.
<b>CRESTRON HARDWARE REQUIRED:</b>	CNXC0M-6, CNX-COM2, ST-COM, C2-COM, C2-COM2, C2-COM3
<b>SETUP OF CRESTRON HARDWARE:</b>	RS232 Baud: 9600 Parity: N Data Bits: 8 Stop Bits: 1
<b>VENDOR FIRMWARE:</b>	System: 1.24, Interface: 1.28
<b>VENDOR SETUP:</b>	None
<b>CABLE DIAGRAM:</b>	CNSP-123



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**CONTROL:**

<b>Power_On/Off/Toggle</b>	D	Pulse to turn the unit on and off. Pulsing the Power_On will also turn the Broadcast_Mode to on. To prevent Broadcast_Mode from being turned on automatically, hold the Disable_AutoBroadcast input high.
<b>Transport_*</b>	D	Pulse to operate the transport controls.
<b>Disc_Direct_Select</b>	A	Analog value to select a disc number. This should come from an Analog_Initialize symbol. The disc will automatically be selected when this value changes.
<b>Disc_Key_Pad_*</b>	D	Pulse to select a disc. Disc will not be selected until the Disc_Select_Enter is pulsed.
<b>Disc_Select_Enter</b>	D	Pulse to select the disc entered using the Disc_Key_Pad_* inputs. If this is not pulsed within 5.0 seconds of the disc number entry, the keypad disc number will revert back to the current disc number.
<b>Menu_*</b>	D	Pulse to operate the menu functions.
<b>Key_*</b>	D	Pulse to operate the keypad functions just like on the IR remote.
<b>Setup_Lock_*</b>	D	Pulse to turn the lock function on and off. When this is on, the DVP-CX777ES will save the status data for the current disc, when the unit is powered off.
<b>Setup_Broadcast_*</b>	D	Pulse to turn the Broadcast mode on and off.
<b>Setup_Parental_Control_*</b>	D	Pulse to turn the parental controls on and off.
<b>Disc_+/-</b>	D	Pulse to move to the next or previous disc.
<b>Disc_One/All</b>	D	Pulse to play one disc or all discs.
<b>Poll</b>	D	Pulse to poll the unit.
<b>Disable_AutoBroadcast</b>	D	Hold high to prevent Broadcast mode from being turned on when the Power_On input is pulsed.
<b>From_Device\$</b>	S	Serial signal to be routed from a 2-way serial com port.

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**FEEDBACK:**

<b>Power_*_Fb</b>	D	High to indicate the current power state.
<b>Status_DiscNum_Fb</b>	A	Analog signal indicating the currently playing disc number. Also indicates the disc to be selected.
<b>Status_DiscType\$</b>	S	Serial signal indicating the type of disc currently being played.
<b>Disc_Type_*_Fb</b>	D	High to indicate the type of disc currently playing.
<b>Status_ChapNum_Fb</b>	A	Analog signal indicating the track or chapter currently playing.
<b>Setup_Lock_*_Fb</b>	D	High to indicate if the lock function is on or off.
<b>Setup_Broadcast_*_Fb</b>	D	High to indicate if the broadcast mode is on or off.
<b>Setup_Parental_Control_*_Fb</b>	D	High to indicate if the parental control is on or off.
<b>Disc_*_Fb</b>	D	High to indicate if the current play mode is one disc or all discs.
<b>Status_TitleNum</b>	A	Analog signal indicating the currently playing title number.
<b>Status_Disc_First_Track/Chapter_Fb</b>	A	Analog signal to indicate the first available track or chapter on the current disc.
<b>Status_Disc_Last_Track/Chapter_Fb</b>	A	Analog signal to indicate the last available track or chapter on the current disc.
<b>Status_DiscText\$</b>	S	Serial signal indicating the text for the currently playing disc. For most discs, this will have to be entered by hand directly into the DVP-CX777ES. This output will then display that text. The text that is entered into the DVP-CX777ES is stored inside the DVP-CX777ES.
<b>To_Device\$</b>	S	Serial signal to be routed to a 2-way serial com port.

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**TESTING:**

<b>OPS USED FOR TESTING:</b>	CNMSX-PRO: 5.14.02 PRO2: 3.117
<b>SIMPL WINDOWS USED FOR TESTING:</b>	2.05.20
<b>SAMPLE PROGRAM:</b>	Sony DVP-CX777ES CNMSX Demo Sony DVP-CX777ES PRO2 Demo
<b>REVISION HISTORY:</b>	V. 1.0