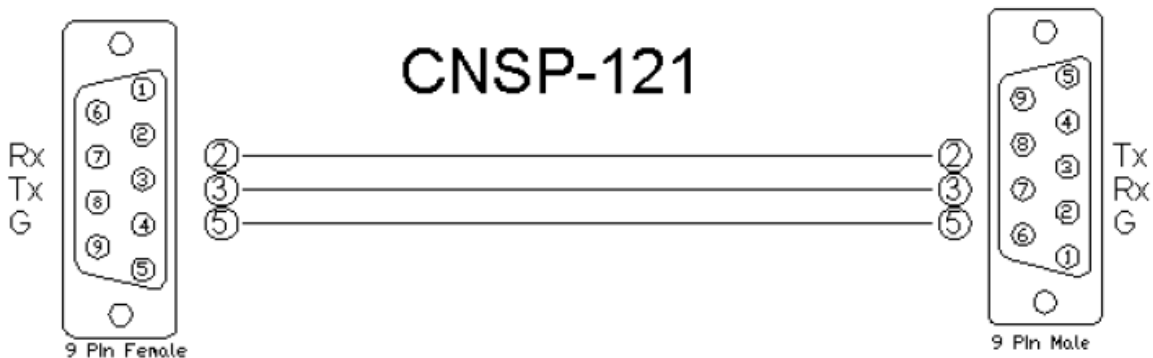


Partner: Marantz  
 Model: BD7004  
 Device Type: DVD Player



**GENERAL INFORMATION**

<b>SIMPLWINDOWS NAME:</b>	Marantz BD7004 v1.0
<b>CATEGORY:</b>	Transport Decks
<b>VERSION:</b>	1.0
<b>SUMMARY:</b>	This module controls the Marantz BD7004 and provides true feedback.
<b>GENERAL NOTES:</b>	This module controls the Marantz BD7004. It also provides true feedback.
<b>CRESTRON HARDWARE REQUIRED:</b>	CNXCOM-*, C2I-COM*, ST-COM
<b>SETUP OF CRESTRON HARDWARE:</b>	RS232 Baud: 9600 Parity: Even Data Bits: 8 Stop Bits: 1
<b>VENDOR FIRMWARE:</b>	N/A
<b>VENDOR SETUP:</b>	You must go into the setup menu under Custom > Other and change the Power Save to Off. If you don't change the power save mode to off, the BD7004 will not respond to any command when power is off.
<b>CABLE DIAGRAM:</b>	CNSP-121



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**CONTROL:**

<b>Power_&lt;On/Off/Toggle&gt;</b>	D	Pulse to turn the DVD player on and off.
<b>Play</b>	D	Pulse to play the disc.
<b>Stop</b>	D	Pulse to stop the disc.
<b>Pause</b>	D	Pulse to pause the disc.
<b>Slow/Search_&lt;Forward/Reverse&gt;</b>	D	Pulse to step through the slow or search forward and reverse speeds.
<b>&lt;Next/Previous&gt;_Chapter/track</b>	D	Pulse to step to the next or previous chapter or track.
<b>Tray_Open/Close</b>	D	Pulse to open and close the disc tray.
<b>Setup</b>	D	Pulse to turn the setup menu on and off.
<b>Top_Menu</b>	D	Pulse to go to the DVD top menu.
<b>Menu</b>	D	Pulse to turn the DVD menu on and off.
<b>Return</b>	D	Pulse to return to the previous menu level.
<b>&lt;Up/Down/Left/Right&gt;</b>	D	Pulse to move through the menus.
<b>Enter</b>	D	Pulse to select the highlighted menu item.
<b>Audio_&lt;Next/Previous&gt;</b>	D	Pulse to step to the next or previous audio language.
<b>Subtitle_&lt;Next/Previous&gt;</b>	D	Pulse to step to the next or previous subtitle language.
<b>Angle_&lt;Next/Previous&gt;</b>	D	Pulse to step to the next or previous camera angle.
<b>From_Device</b>	S	Serial signal to be routed from a 2-way serial com port.

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**FEEDBACK:**

<b>Power_is_&lt;On/Off&gt;</b>	D	High to indicate the current power state.
<b>Playing</b>	D	High to indicate that the disc is currently playing.
<b>Stopped</b>	D	High to indicate that the disc is stopped.
<b>Stopped/Resume</b>	D	High to indicate that the disc is in stop resume mode. Pulsing Play will resume playback at the point it was stopped.
<b>Paused</b>	D	High to indicate that the disc is paused.
<b>Slow/Searching_&lt;Forward/Reverse&gt;</b>	D	High to indicate that the disc is in a slow or search mode.
<b>Menu_Is_Active(DVD_Only)</b>	D	High to indicate that the DVD menu is active.
<b>Language_Text</b>	S	Serial signal indicating the currently selected audio language.
<b>Language_Is_&lt;*&gt;</b>	D	High to indicate the currently selected audio language.
<b>Subtitle_Text</b>	S	Serial signal indicating the currently selected subtitle language.
<b>Subtitle_Is_&lt;*&gt;</b>	D	High to indicate the currently selected subtitle language.
<b>Angle_Value</b>	A	Analog value indicating the currently selected camera angle. To be displayed using a digital gauge on a touch panel.
<b>Title_Value</b>	A	Analog value indicating the currently playing title number. To be displayed using a digital gauge on a touch panel.
<b>Chapter/Track_Value</b>	A	Analog value indicating the currently playing chapter or track number. To be displayed using a digital gauge on a touch panel.
<b>Time_Value</b>	A	Analog value indicating the current playback time. To be displayed using a timer on a touch panel.
<b>System_Status_Text</b>	S	Serial signal indicating the current system status.
<b>Please_Wait</b>	D	High to indicate that the DVD player is busy processing a command.
<b>Disc_Type_is_&lt;*&gt;</b>	D	High to indicate the current disc type.
<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>	4.001.1012
<b>SIMPL WINDOWS USED FOR TESTING:</b>	2.12.30
<b>CRES DB USED FOR TESTING:</b>	21.03.023.00
<b>DEVICE DATABASE:</b>	26.06.006.00
<b>SYMBOL LIBRARY USED FOR TESTING:</b>	657
<b>SAMPLE PROGRAM:</b>	Marantz BD7004 v1.0 Demo PRO2.smw
<b>REVISION HISTORY:</b>	V. 1.0- Original release.