Partner: Marantz
Model: BD8002
Device Type: DVD Player

GENERAL INFORMATION

SIMPLWINDOWS NAME:	Marantz BD8002 v1.0
CATEGORY:	Transport Decks
VERSION:	1.0
SUMMARY:	This module controls the Marantz BD8002 and provides true feedback.
GENERAL NOTES:	This module controls the Marantz BD8002. It also provides true feedback.
CRESTRON HARDWARE REQUIRED:	CNXCOM-*, C2I-COM*, ST-COM
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: Even Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	N/A
VENDOR SETUP:	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 BD8002 will not respond to any command when the power is off.
CABLE DIAGRAM:	CNSP-121
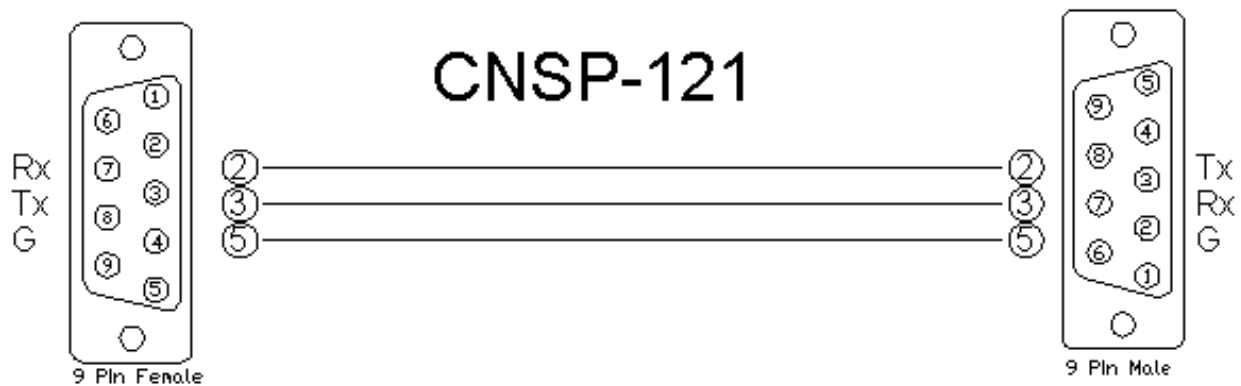
CNSP-121

Rx Tx G — 9 Pin Female

Tx Rx G — 9 Pin Male

CONTROL:

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

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FEEDBACK:		
Power_Is_<On/Off>	D	High to indicate the current power state.
Playing	D	High to indicate that the disc is currently playing.
Stopped	D	High to indicate that the disc is stopped.
Stopped/Resume	D	High to indicate that the disc is in stop resume mode. Pulsing Play will resume playback at the point it was stopped.
Paused	D	High to indicate that the disc is paused.
Slow/Searching_<Forward/Reverse>	D	High to indicate that the disc is in a slow or search mode.
Menu_Is_Active(DVD_Only)	D	High to indicate that the DVD menu is active.
Language_Text	S	Serial signal indicating the currently selected audio language.
Language_Is_<*>	D	High to indicate the currently selected audio language.
Subtitle_Text	S	Serial signal indicating the currently selected subtitle language.
Subtitle_Is_<*>	D	High to indicate the currently selected subtitle language.
Angle_Value	A	Analog value indicating the currently selected camera angle. To be displayed using a digital gauge on a touch panel.
Title_Value	A	Analog value indicating the currently playing title number. To be displayed using a digital gauge on a touch panel.
Chapter/Track_Value	A	Analog value indicating the currently playing chapter or track number. To be displayed using a digital gauge on a touch panel.
Time_Value	A	Analog value indicating the current playback time. To be displayed using a timer on a touch panel.
System_Status_Text	S	Serial signal indicating the current system status.
Please_Wait	D	High to indicate that the DVD player is busy processing a command.
Disc_Type_Is_<*>	D	High to indicate the current disc type.
To_Device	S	Serial signal to be routed to a 2-way serial com port.

TESTING:

OPS USED FOR TESTING:	4.001.1012
SIMPL WINDOWS USED FOR TESTING:	2.11.10
CRESTRON DB USED FOR TESTING:	20.04.006.00
DEVICE DB USED FOR TESTING:	20.06.016.00
SAMPLE PROGRAM:	Marantz BD8002 v1.0 Demo PRO2
REVISION HISTORY:	V. 1.0 – Original release.