CRESTRON

Partner: Pioneer
Model: BDP-V6000
Device Type: Blu-Ray Disc Player

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GENERAL INFORMATION

SIMPLWINDOWS NAME:	Pioneer BDP-V6000 v1.0
CATEGORY:	Transport Decks
VERSION:	1.0
SUMMARY:	This module provides control and true feedback for the Pioneer BDP-V6000 Blu-Ray disc players.
GENERAL NOTES:	This module provides control of the Pioneer BDP-V6000. It also provides true feedback. NOTE: In order for the set stop marker command to work, the disc must be playing. Per Pioneer protocol document: "This player is designed so that it pauses approximately 1 second before the specified address is reached."
CRESTRON HARDWARE REQUIRED:	C2COM-2/3. C2I-COM6, ST-COM, CNXCOM-2
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: N Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	4.13
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-124

CNSP-124

Rx Tx G
2
3
5

2
3
5
Rx Tx G

9 Pin Female

9 Pin Female

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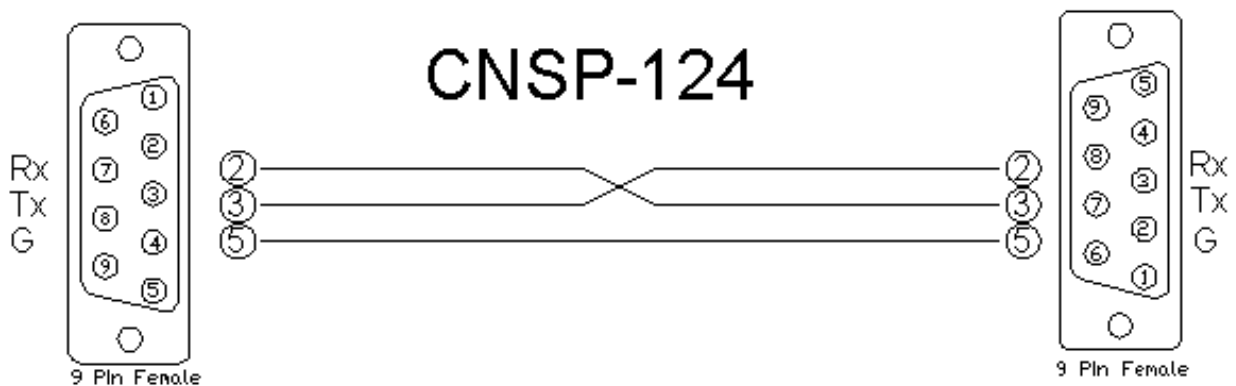
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CONTROL:		
Power_<On/Off/Toggle>	D	Pulse to turn the unit on and off.
Tray_<Open/Close>	D	Pulse to open and close the disc tray.
<Play/Stop/Pause>	D	Pulse to play, stop or pause the disc.
<Forward/Reverse>_Scan/Slow/Step	D	Pulse to forward or reverse scan, slow or step.
<Next/Previous>	D	Pulse to go to the next or previous chapter or track.
Audio	D	Pulse to cycle through the audio settings.
Subtitle	D	Pulse to cycle through the subtitle settings.
Angle	D	Pulse to cycle through the angle settings.
Secondary_<Video/Audio>	D	Pulse to cycle through the secondary video and audio settings.
Play_Mode	D	Pulse to display or hide the play menu.
Video_Adjust	D	Pulse to display or hide the video adjust menu.
Home_Media_Gallery	D	Pulse to display or hide the home media gallery.
Top_Menu	D	Pulse to go to the top DVD menu.
Home_Menu	D	Pulse to display or hide the home menu.
Pop_Up_Menu	D	Pulse to display or hide the pop up menu.
<Up/Down/Left/Right>	D	Pulse to move through the menus.
Enter	D	Pulse to select the highlighted menu item.
Return	D	Pulse to return to the previous menu level.
Tools	D	Pulse to display or hide the tools menu.
Key_<0…9>	D	Pulse to enter a title, chapter or track number.
Clear	D	Pulse to clear the entered digits.
Display	D	Pulse to cycle through the on screen information displays.
Output_Resolution_<Up/Down>	D	Pulse to step through the output resolution settings.

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Video_Select	D	Pulse to cycle through the video output settings.
Front_Panel_Display_Brightness	D	Pulse to cycle through the front panel display brightness settings.
Key_<Blue/Red/Green/Yellow>	D	Pulse to move through the BDMV menus.
Search_Value_In	A	Analog input allowing for the input of preset search values. This is intended to be driven using an Analog Initialize symbol. It is NOT intended to be driven using a Numeric Keypad symbol.
Search_Key_<0…9>	D	Pulse to enter the search string.
Search_Key_Clear	D	Pulse to clear the currently entered search string.
Search_Key_Backspace	D	Pulse to clear the previously entered character in the search string.
Search_Chapter_and_<Pause/Play>	D	Pulse to jump to the chapter entered in the search string and either pause or play.
Search_Title_and_<Pause/Play>	D	Pulse to jump to the title entered in the search string and either pause or play.
Search_Time_and_<Pause/Play>	D	Pulse to jump to the time entered in the search string and either pause or play. To enter the time 1 hour, 23 minutes and 5 seconds enter 12305.
Search_Track_and_<Pause/Play>	D	Pulse to jump to the track entered in the search string and either pause or play.
Set_Stop_Marker_<Chapter/Title/Time/Track>	D	Pulse to set the chapter/title/time/track entered in the search string as the stop marker.
Poll_Enable	D	Hold high to enable polling.
From_Device	S	Serial signal to be routed from a 2-way serial com port.

FEEDBACK:

Loading	D	High to indicate that the disc is loading.
Tray_Is_<Open/Closed>	D	High to indicate the current tray state.
<Playing/Stopped/Paused>	D	High to indicate the current transport state.
<Forward/Reverse>_Scanning	D	High to indicate that the transport is in scanning mode. There are NO separate indications for forward or reverse.
<Forward/Reverse>_Slow_Playing	D	High to indicate that the transport is in slow playing mode. There are NO separate indications for forward or reverse.
Still_Play_Mode_Is_Active	D	High to indicate that still play mode is active.

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Title_Number_Value	A	Analog signal indicating the currently playing title. To be displayed using a digital gauge on a touch panel.
Title_Number_Text	S	Serial signal indicating the currently playing title. To be displayed using an indirect text field on a touch panel.
Chapter_Number_Value	A	Analog signal indicating the currently playing chapter or track. To be displayed using a digital gauge on a touch panel.
Chapter_Number_Text	S	Serial signal indicating the currently playing chapter or track. To be displayed using an indirect text field on a touch panel.
<Hours/Minutes/Seconds>_Value	A	Analog value indicating the current play time. To be displayed using digital gauges on a touch panel.
Time_Text	S	Serial signal indicating the current play time. To be displayed using an indirect text field on a touch panel.
Search_Text	S	Serial signal indicating the currently entered search string.
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:	2.11.27
CRESTRON DB USED FOR TESTING:	20.09.002.00
DEVICE DB USED FOR TESTING:	23.08.003.00
SAMPLE PROGRAM:	Pioneer BDP-V6000 v1.0 Demo PRO2
REVISION HISTORY:	V. 1.0 – Original release.