**Partner: Pioneer**
**Model: BDP-09FD & BDP-LX91**
**Device Type: Blu-Ray Disc Player**

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## GENERAL INFORMATION

| | |
|---|---|
| **SIMPLWINDOWS NAME:** | Pioneer BDP-09FD v1.0 |
| **CATEGORY:** | Transport Decks |
| **VERSION:** | 1.0 |
| **SUMMARY:** | This module provides control and true feedback for the Pioneer BDP-09FD & BDP-LX91 Blu-Ray disc players. |
| **GENERAL NOTES:** | This module provides control of the Pioneer BDP-09FD. It also provides true feedback. This module was tested with the BDP-09FD. The documentation from Pioneer indicates it should also control the BDP-LX91. |
| **CRESTRON HARDWARE REQUIRED:** | C2COM-2/3. C2I-COM6, ST-COM, CNXCOM-2 |
| **SETUP OF CRESTRON HARDWARE:** | RS232<br>Baud: 115200<br>Parity: N<br>Data Bits: 8<br>Stop Bits: 1 |
| **VENDOR FIRMWARE:** | 2.46 |
| **VENDOR SETUP:** | None |
| **CABLE DIAGRAM:** | CNSP-532 |
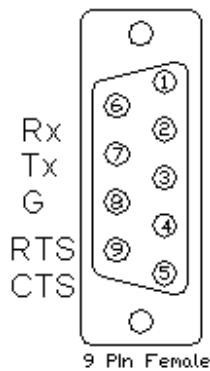
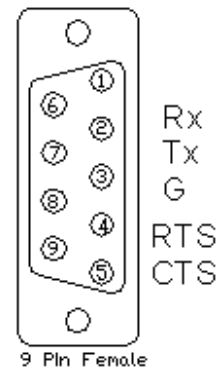## Partner: Pioneer
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| CONTROL: | | |
|---|---|---|
| Power_<On/Off/Toggle> | D | Pulse to turn the unit on and off. |
| Tray_<Open/Close> | D | Pulse to open and close the disc tray. |
| <Play/Stop/Pause> | D | Pulse to play, stop or pause the disc. |
| <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. |

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|---|---|---|
| **Output_Resolution_<Up/Down>** | D | Pulse to step through the output resolution settings. |
| **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. |
| **Poll_Enable** | D | Hold high to enable polling. |
| **From_Device** | S | Serial signal to be routed from a 2-way serial com port. |

### FEEDBACK:

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| **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. |
| **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. |
| **To_Device** | S | Serial signal to be routed to a 2-way serial com port. |

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## TESTING:

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|---|---|
| **OPS USED FOR TESTING:** | 4.001.1012 |
| **SIMPL WINDOWS USED FOR TESTING:** | 2.11.18 |
| **CRESTRON DB USED FOR TESTING:** | 20.05.022.00 |
| **DEVICE DB USED FOR TESTING:** | 21.00.007.00 |
| **SAMPLE PROGRAM:** | Pioneer BDP-09FD v1.0 Demo PRO2 |
| **REVISION HISTORY:** | V. 1.0 – Original release. |

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