

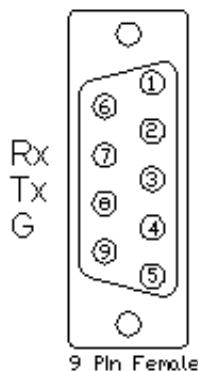
Partner: Yamaha
Model: BD-S2900
Device Type: Blu-ray Player



GENERAL INFORMATION

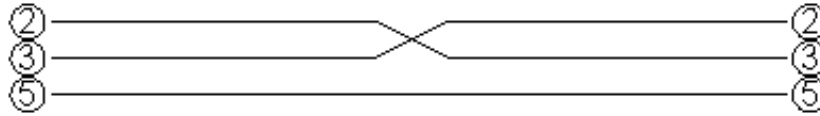
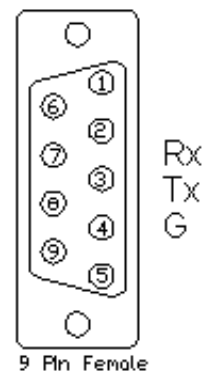
SIMPLWINDOWS NAME:	Yamaha BD-S2900 v1.0
CATEGORY:	Transport Decks
VERSION:	1.0
SUMMARY:	This module provides control and feedback of the Yamaha BD-S2900.
GENERAL NOTES:	<p>You must pulse the Start_RS232 input to enable RS232 control. This will disable IR control. Once the DVD player has had RS232 enabled, you should not need to enable it again, except at a power loss. If it is desired to enable IR control, you can pulse the Stop_RS232 input. This will enable IR and disable RS232.</p> <p>If the disc is paused while in play mode, the Is_Playing signal will flash. At this point, pressing pause or play will result in the unit playing from where it was paused. In order for the Crestron control system to always be in sync with the unit, a power off command is sent to the BD-S2900 upon the Crestron system initializing.</p>
CRESTRON HARDWARE REQUIRED:	C2I-COM6, C2-COM2/3, CNXCOM-6, CNX-COM2, ST-COM
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: None Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	N/A
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-124

Rear View of Connector



CNSP-124

Rear View of Connector



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CONTROL:

Power_On/Off/Toggle	D	Pulse to turn the power on and off.
Tray_Open/Close	D	Pulse to open and close the disc tray.
Play/Stop/Pause	D	Pulse to play, stop and pause the disc.
Search+/-	D	Pulse to search forward and reverse. During play this will cycle through the fast speeds. In pause, this will cycle through the slow speeds.
Skip+/-	D	Pulse to skip to the next or previous track/chapter.
Keypad_*	D	Pulse to enter a track or chapter number.
Cancel(Clear)	D	Pulse to cancel or clear.
On_Screen	D	Pulse to display on screen menu.
Setup	D	Pulse to display setup options.
Audio	D	Pulse to change the soundtrack language.
Secondary_Audio	D	Pulse to hear PIP audio.
Top_Menu	D	Pulse to display the top menu.
Menu	D	Pulse to display the pop-up menu.
Cursor_Up/Down/Left/Right	D	Pulse to navigate through menus.
Return	D	Pulse to return to previous screen.
Enter	D	Pulse to select highlighted option.
BD/SD	D	Pulse to select a disc or SD card media.
PIP	D	Pulse to display secondary video.
Status	D	Pulse to display current player status.
Start_RS232	D	Pulse to enable RS232 on the player. This will disable IR control.
Stop_RS232	D	Pulse to disable RS232 on the player. This will enable IR control.
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.
Powering_Off_Please_Wait	D	High to indicate that the Blu-ray player is powering off. No commands can be sent to the DVD player for 15 seconds after the power off command is sent.
Tray_Is_Open/Closed	D	High to indicate the current position of the tray.
No_Disc_Notice	D	High to indicate that there is no disc in the tray.
Reading_Disc_Notice	D	High to indicate that the DVD player is reading the disc in the tray.
Is_Playing/Stopped/Paused/Searching+/-	D	High to indicate the current playback status, direction and speed.
To_Device	S	Serial signal to be routed to a 2-way serial com port.

TESTING:

OPS USED FOR TESTING:	4.000.0226
SIMPL WINDOWS USED FOR TESTING:	2.10.32
CRES DB USED FOR TESTING:	20.00.015.00
SYMBOL LIBRARY USED FOR TESTING:	570
SAMPLE PROGRAM:	Yamaha BD-S2900 v1.0 Demo PRO2.smw
REVISION HISTORY:	V. 1.0 – Original release.