

Partner: Yamaha
Model: DVD-S1700 + DVD-S2700
Device Type: DVD Player



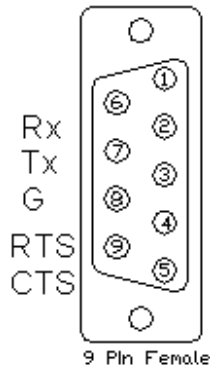
GENERAL INFORMATION

SIMPLWINDOWS NAME:	Yamaha DVD-S1700 + DVD-S2700
CATEGORY:	Transports
VERSION:	1.0
SUMMARY:	This module provides control and feedback of the Yamaha DVD-S1700 and DVD-S2700.
GENERAL NOTES:	<p>This module provides control and true feedback for the Yamaha DVD-S1700 and DVD-S2700. It was tested with the DVD-S2700, but the protocol documentation indicates it should control the DVD-S1700 as well.</p> <p>NOTE: 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>THIS MODULE IS FOR 2-SERIES PROCESSORS ONLY.</p>
CRESTRON HARDWARE REQUIRED:	C2I-COM, C2COM-2/3, ST-COM
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: N Data Bits: 8 Stop Bits: 1 Hardware Handshaking: RTS/CTS
VENDOR FIRMWARE:	N/A
VENDOR SETUP:	The Start_RS232 input must be pulsed to enable RS232 control.
CABLE DIAGRAM:	CNSP-532

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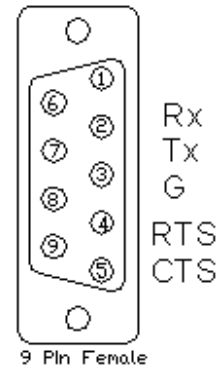


Rear View of Connector



CNSP-532

Rear View of Connector



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.
Key_*	D	Pulse to enter a track or chapter number.
Cancel(Clear)	D	Pulse to cancel or clear.
Program	D	Pulse to enter program mode.
Random	D	Pulse to turn random mode on and off.
Repeat_Mode/A-B/All/Off	D	Pulse to select the desired repeat mode.
Display_On/Off	D	Pulse to turn the on screen display on and off.
Dimmer	D	Pulse to cycle through the Front Panel Display brightness settings.
Subtitle	D	Pulse to cycle through the subtitle settings.
Setup	D	Pulse to enter and exit the setup menu.

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Audio	D	Pulse to cycle through the audio settings.
Angle	D	Pulse to select the camera angle.
Top_Menu	D	Pulse to go to the DVD's top menu.
Menu	D	Pulse to go to the DVD menu.
Cursor_*	D	Pulse to move the cursor.
Return	D	Pulse to return to the previous menu level.
Select(Enter)	D	Pulse to select the highlighted item in the menu.
Zoom	D	Pulse to cycle through the zoom settings.
Video_On/Off	D	Pulse to turn the video output on and off.
Group+	D	Pulse to go to the next group.
Page+/-	D	Pulse to go to the next or previous page.
Multi/2-Ch	D	Pulse to select either multi-channel or 2-channel audio output.
HDMI_On/Off	D	Pulse to turn the HDMI output on and off.
Play_Mode_Normal/Random	D	Pulse to select the play mode.
Start_RS232	D	Pulse to enable RS232 on the DVD player. This will disable IR control.
Stop_RS232	D	Pulse to disable RS232 on the DVD 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_On/Off_Fb	D	High to indicate the current power state.
Powering_Off_Please_Wait_Fb	D	High to indicate that the DVD player is powering off. No commands can be sent to the DVD player for 30 seconds after the power off command is sent.
Tray_Open/Close_Fb	D	High to indicate the current position of the tray.
No_Disc_Fb	D	High to indicate that there is no disc in the tray.
Reading_Fb	D	High to indicate that the DVD player is reading the disc in the tray.
Play/Stop/Resume_Stop/Pause_Fb	D	High to indicate the current playback state.
Search_Forward/Reverse_Fb	D	High to indicate the search direction.
Search_Slow_Forward/Reverse*_Fb	D	High to indicate the current slow playback direction and speed.
Search_Fast_Forward/Reverse*_Fb	D	High to indicate the current fast playback direction and speed.
Search_Slow/Fast_Forward/Reverse_Fb	D	High to indicate the current search playback direction and slow or fast.
To_Deviec\$	S	Serial signal to be routed to a 2-way serial com port.

TESTING:

OPS USED FOR TESTING:	3.155.1240
SIMPL WINDOWS USED FOR TESTING:	2.08.41
CRES DB USED FOR TESTING:	18.8.8
SYMBOL LIBRARY USED FOR TESTING:	487
SAMPLE PROGRAM:	Yamaha DVD-S1700 + DVD-S2700 Demo
REVISION HISTORY:	V. 1.0 – Original Release