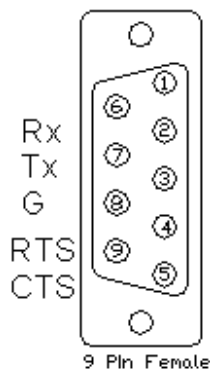


Partner: Yamaha
Model: YSP-1000 + YSP-1100
Device Type: Audio Processor


GENERAL INFORMATION

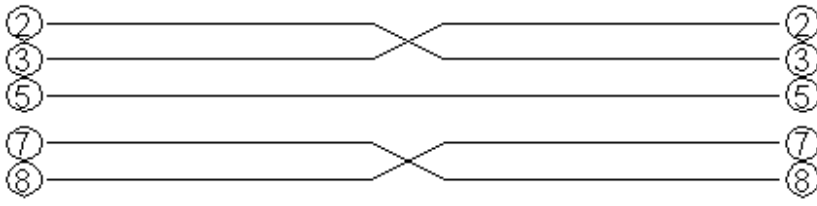
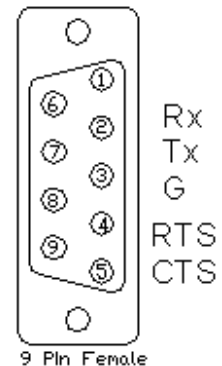
SIMPLWINDOWS NAME:	Yamaha YSP-1000 + YSP-1100 Speaker
CATEGORY:	Receiver/Processor
VERSION:	1.0
SUMMARY:	Controls the YSP-1000 & YSP-1100 Digital Sound Projectors and provides true feedback.
GENERAL NOTES:	<p>This module controls the Yamaha YSP-1000 & YSP-1100 Digital Sound Projectors. It provides true feedback. All standard run time functions are included.</p> <p>NOTE: The volume mute toggle will send the commands for Volume Full Mute On and Volume Mute Off. If the volume mute is either full mute on or -20dB mute on, the toggle will send the mute off.</p>
CRESTRON HARDWARE REQUIRED:	CNX-COM, C2-COM, ST-COM
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: N Data Bits: 8 Stop Bits: 1 RTS/CTS
VENDOR FIRMWARE:	None
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-532

Rear View of Connector



CNSP-532

Rear View of Connector



Partner: Yamaha
Model: YSP-1000 + YSP-1100
Device Type: Audio Processor


CONTROL:

Power_On/Off	D	Pulse to turn the unit on and off.
Input_*	D	Pulse to select the desired input.
Volume_Up/Down	D	Press and hold to adjust the volume.
Volume_Full_Mute_On	D	Pulse to turn the volume mute on to full mute.
Volume_(-20dB)_Mute_On	D	Pulse to turn the volume mute on to the -20dB mute level.
Volume_Mute_Off	D	Pulse to turn the volume mute off.
Volume_Mute_Toggle	D	Pulse to turn the volume mute on and off. If the mute is either Full or -20dB, this will send the volume mute off command. If the volume mute is off, this will send the full mute on command.
Input_Mode_*	D	Pulse to select the desired input mode. NOTE: Not all states are available for all inputs.
Sleep_Timer_*	D	Pulse to select the desired sleep timer setting.
Volume_Mode_*	D	Pulse to select the desired volume mode setting.
SRS_TrueBass_*	D	Pulse to select the desired SRS TruBass setting.
DSP_Program_*	D	Pulse to select the desired DSP program setting.
Surround_Mode_*	D	Pulse to select the desired surround mode.
Store/Recall_Volume_Memory_*	D	Pulse to store and recall the desired volume memory preset.
Beam_Mode_*	D	Pulse to select the desired beam mode.
Memory_Store/Recall_User_*	D	Pulse to store and recall the desired user memory.
Report_On	D	Pulse to have the Digital Surround Projector send automatic status updates.
Report_Off	D	Pulse to stop automatic updates. NOTE: This will prevent the Crestron from displaying the correct status.
From_Device\$	S	Serial signal to be routed from a 2-way serial com port.

Partner: Yamaha
Model: YSP-1000 + YSP-1100
Device Type: Audio Processor

**FEEDBACK:**

Power_On/Off_FB	D	High to indicate the current power status.
Input_*_FB	D	High to indicate the current input.
Volume_Bar	A	Analog value indicating the current volume level. To be displayed using a bar graph on a touch panel.
Volume_Full/(-20dB)_Mute_On/Off_FB	D	High to indicate the current volume mute state.
Input_Mode_*_Fb	D	High to indicate the currently selected input mode.
Sleep_Timer_*_Fb	D	High to indicate the current sleep timer setting.
Volume_Mode_*_Fb	D	High to indicate the currently selected volume mode.
SRS_TrueBass_*_Fb	D	High to indicate the current SRS TruBass setting.
DSP_Program_*_Fb	D	High to indicate the currently selected DSP Program.
Surround_Mode_*_Fb	D	High to indicate the currently selected surround mode.
Beam_Mode_*_Fb	D	High to indicate the currently selected beam mode.
To_Device\$	S	Serial signal to be routed to a 2-way serial com port.

TESTING:

OPS USED FOR TESTING:	3.155.1143
SIMPL WINDOWS USED FOR TESTING:	2.08.26
CRES DB USED FOR TESTING:	18.4.3
SYMBOL LIBRARY USED FOR TESTING:	444
SAMPLE PROGRAM:	Yamaha YSP-1000 + YSP-1100 Speaker Demo
REVISION HISTORY:	V. 1.0