

Partner: Yamaha
Model: CDC-697
Device Type: CD Changer



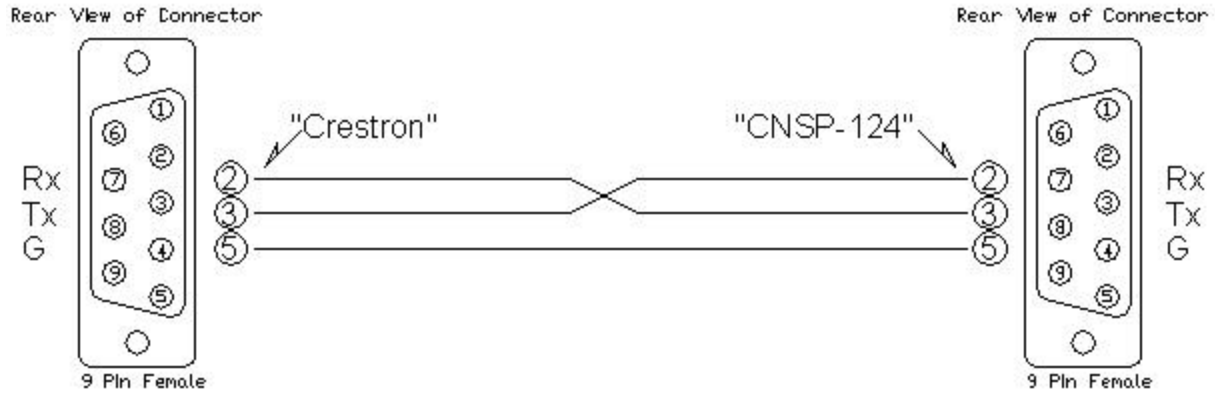
GENERAL INFORMATION

SIMPLWINDOWS NAME:	Yamaha CDC -697
CATEGORY:	CD Changer
VERSION:	1.0
SUMMARY:	This module will control the Yamaha CDC-697 CD Automatic Changer
GENERAL NOTES:	<p>This module will control a Yamaha CDC-697 CD Automatic Changer. True feedback is provided for power, transports, repeat, random, time and dimmer settings. Module is synced to the status of the unit by the Poll_Enable input. When this input is high, the unit will be polled every 1 second to determine the state of power. Typically, you could enable this polling option when the unit's particular control page is active and displayed on a touch panel. You would then disable polling at other times.</p> <p>When any command is sent to the unit, it will acknowledge that the command was processed properly and the corresponding feedback will be reflected at the outputs of this module. Extended commands such as time and track, repeat and play modes display feedback are provided.</p> <p>NOTE: This module depends on feedback from the device. You cannot comment out the From_Device\$ serial input. This serial signal must be used for proper module operation.</p> <p>Known issues: Play mode messages do not accurately reflect state of the unit. Example: Program and random play modes display as normal play only. Track and time display strings only reflect location while disc is playing, i.e. not while changing tracks. Time button changes display of time on LCD only, not at touch panel.</p>
CRESTRON HARDWARE REQUIRED:	CNCOMH-2, CNXCOM-2, ST-COM, C2-COM
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: N Data Bits: 8 Stop Bits: 1 H/W Hand Shaking: None
VENDOR FIRMWARE:	N/A
VENDOR SETUP:	NONE
CABLE DIAGRAM:	CNSP -124

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CNSP-124



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**CONTROL:**

From_Device\$	S	Serial signal to be routed from a 2-way serial com port
Power_On/Off/Toggle	D	Pulse to turn unit on and off
Eject	D	Pulse to turn eject cds in carousels
Play	D	Pulse to play a cd
Pause	D	Pulse to pause a cd
Stop	D	Pulse to stop a cd
Skip_+	D	Pulse to skip tracks forward
Skip_-	D	Pulse to skip tracks backwards
Search_+	D	Pulse to search tracks forward
Search_-	D	Pulse to search tracks backwards
Key_*	D	Pulse to emulate an IR numeric key
Clear	D	Pulse to emulate an IR clear key
Program	D	Pulse to enter program mode (see manufacturer manual for programming procedure)
Random	D	Pulse to enter random mode
Repeat_Mode	D	Pulse to cycle repeat modes
Time	D	Pulse to change time displayed
Dimmer	D	Pulse to change lcd on front panel dim state
Disc_*	D	Pulse to change which cd is playing in carousel
Disc_Skip_+	D	Pulse to advance next cd playing in carousel
Disc_Skip_-	D	Pulse to advance previous cd playing in carousel

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Poll_Enable	D	When high, the unit will be polled for it's general settings every 1 second
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FEEDBACK:

To_Device\$	S	Serial signal to be routed to a 2-way serial com port
Power_On/Off_Fb	D	Digital feedback indicating power state
Play_Fb	D	Digital feedback indicating play state
Pause_Fb	D	Digital feedback indicating pause state
Stop_Fb	D	Digital feedback indicating stop state
Play_Mode_*_Fb	D	Digital feedback indicating play mode (normal, program or random)
Repeat_Play_Mode_*_Fb	D	Digital feedback indicating repeat mode (No repeat, Repeat 1, Repeat All, etc)

TESTING:

OPS USED FOR TESTING:	PRO2 Cntrl Eng [v3.137 (Release)]
SIMPL WINDOWS USED FOR TESTING:	SIMPL 2.07.24
CRES DB USED FOR TESTING:	18.0.8
SYMBOL LIBRARY USED FOR TESTING:	381
SAMPLE PROGRAM:	Yamaha CDC-697 Demo Pro2
REVISION HISTORY:	V. 1.0