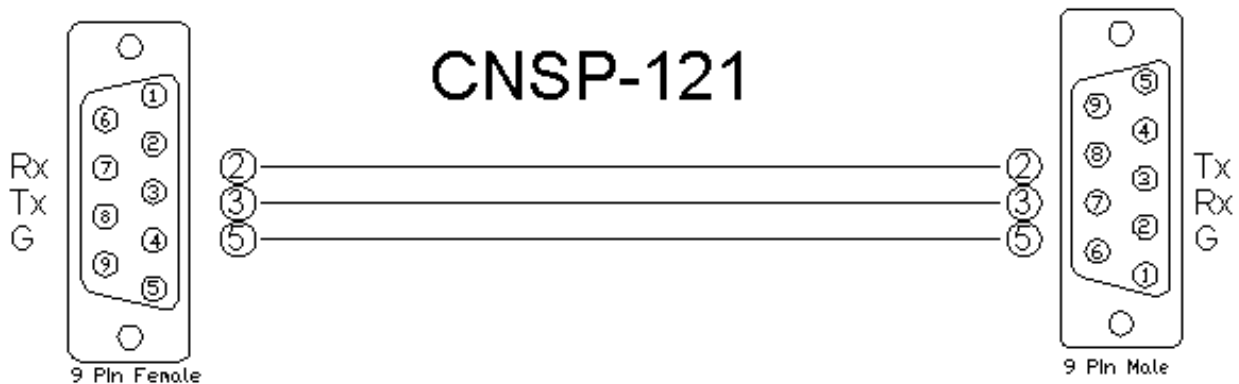


Partner: Marantz
 Model: CC4001
 Device Type: CD Changer



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Marantz CC4001
CATEGORY:	Transport Decks
VERSION:	1.0
SUMMARY:	This module provides RS232 control of the Marantz CC4001 CD changer.
GENERAL NOTES:	This module provides RS232 control of the Marantz CC4001 CD changer. It also provides true feedback. NOTE: THIS MODULE IS 2-SERIES ONLY.
CRESTRON HARDWARE REQUIRED:	C2COM-2/3, C2COMI, 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-121





Certified Module

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CONTROL:

From_Device\$	S	Serial signal to be routed from a 2-way serial com port.
power_toggle/on/stby	D	Pulse to turn the CC4001 on and off.
tray_toggle/open/close	D	Pulse to open and close the disc tray.
disc_*	D	Pulse to select the desired disc.
Play/stop/pause/ff/rew/next_track/prev_track	D	Pulse to control the play of the disc.
Num*	D	Pulse to use the keypad functions.
Time_mode_step/lap/remain/total_remain	D	Pulse to select the desired time display.
Dimmer_*	D	Pulse to select the desired front panel brightness level.
Repeat_*	D	Pulse to select the desired repeat mode.
Ams_*	D	Pulse to select the desired ams mode.
Random_*	D	Pulse to select the desired random mode.
Program_*	D	Pulse to select the desired program mode.
Pgm/sch_*	D	Pulse to set up the program.
Track_search_enter	D	Pulse to search for a track.
Auto_fb_layer_*	D	Pulse to enable the desired auto feedback level.
*_req	D	Pulse to request the desired feedback.

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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	High to indicate the current power state. AUTO FEEDBACK LEVEL 1
Tray_working/open/close_fb	D	High to indicate the current tray position. AUTO FEEDBACK LEVEL 1
Disc_*_fb	D	High to indicate the currently selected disc. AUTO FEEDBACK LEVEL 2
Disc_on_tray_*_fb	D	High to indicate which disc positions have discs. AUTO FEEDBACK LEVEL 1
Play/stop/pause/ff/rew_fb	D	High to indicate the current play mode. AUTO FEEDBACK LEVEL 1
Time_mode_*_fb	D	High to indicate the current time mode setting. AUTO FEEDBACK LEVEL 3
Dimmer_*_fb	D	High to indicate the current dimmer brightness level. AUTO FEEDBACK LEVEL 3
Repeat_*_fb	D	High to indicate the current repeat mode. AUTO FEEDBACK LEVEL 2
Ams_*_fb	D	High to indicate the current ams mode. AUTO FEEDBACK LEVEL 1
Random_*_fb	D	High to indicate the current random mode setting. AUTO FEEDBACK LEVEL 2
Program_*_fb	D	High to indicate the current program mode state. AUTO FEEDBACK LEVEL 2
Disc_*_fb	D	High to indicate the current disc type. AUTO FEEDBACK LEVEL 2
Program_number_fb\$	S	Serial signal to indicate the current program number. AUTO FEEDBACK LEVEL 2
Disc_number_fb\$	S	Serial signal to indicate the current disc number. AUTO FEEDBACK LEVEL 2
All_track_number_fb	A	Analog value indicating all track number. AUTO FEEDBACK LEVEL 2
Track_number_fb\$	S	Serial signal to indicate the current track number. AUTO FEEDBACK LEVEL 3
Time_min_fb	A	Analog value indicating the minutes. AUTO FEEDBACK LEVEL 4
Time_sec_fb	A	Analog value indicating the seconds. AUTO FEEDBACK LEVEL 4
Auto_fb_layer_*_fb	D	High to indicate the currently selected auto feedback layers. AUTO FEEDBACK LEVEL 1

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**TESTING:**

OPS USED FOR TESTING:	3.137
SIMPL WINDOWS USED FOR TESTING:	2.07.36
CRES DB USED FOR TESTING:	396
SYMBOL LIBRARY USED FOR TESTING:	18.1.14
SAMPLE PROGRAM:	Marantz CC4001 Demo
REVISION HISTORY:	V. 1.0