CRESTRON

Partner: Marantz
Model: VC6001
Device Type: DVD Changer

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GENERAL INFORMATION

SIMPLWINDOWS NAME:	Marantz VC6001
CATEGORY:	Transport Decks
VERSION:	1.0
SUMMARY:	Controls the Marantz VC6001 DVD changer and provides true feedback
GENERAL NOTES:	This module provides all controls for the Marantz VC6001 DVD changer. It also provides true feedback.
CRESTRON HARDWARE REQUIRED:	C2-COM, ST-COM
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 9600 Parity: None Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	NRVS: 27
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-123

CNSP-123

Rx Tx G — 9 Pin Female

Tx Rx G — 9 Pin Female
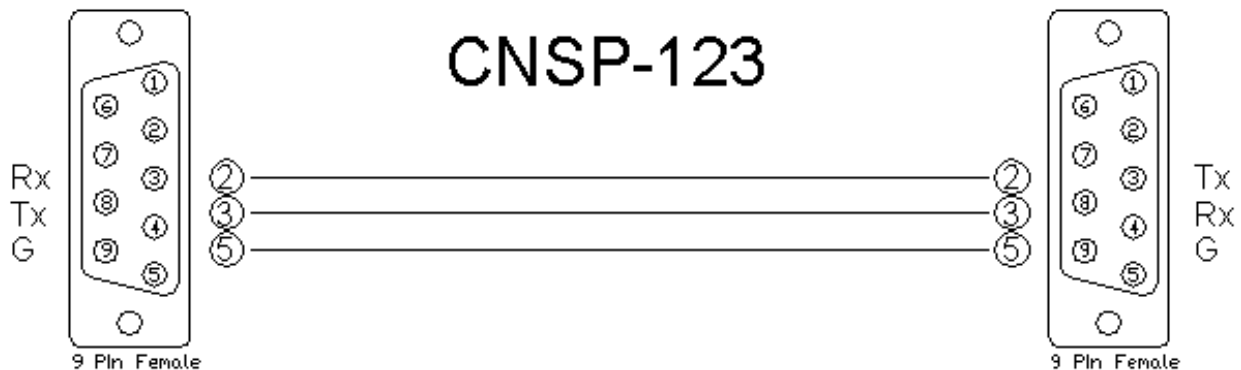
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CONTROL:

rx$	S	Serial signal to be routed from a 2-way serial com port.
power_ toggle/stby/on	D	Pulse to turn the power on and off.
tray_ toggle/close/open	D	Pulse to open and close the tray.
disc_next/1/2/3/4/5	D	Pulse to select the desired disc.
dimmer_next/high/mid/low	D	Pulse to select the front panel display brightness level.
repeat_*	D	Pulse to select the desired repeat mode.
stop/pause/play/slow_forward/ slow_backward//fast_forward/ fast_backward/ skip_forward/ skip_backward	D	Pulse to control the transport functions.
random_*	D	Pulse to select the desired random mode.
num*	D	Pulse to enter a number.
sound_mode_*	D	Pulse to select the desired sound mode.
a-b_repeat	D	Pulse to set or clear the a-b end points.
aspect_*	D	Pulse to select the desired aspect ratio.
subtitle	D	Pulse to turn the subtitles on and off.
angle	D	Pulse to cycle through the different camera angles.
zoom_*	D	Pulse to cycle through the different zoom levels.
audio_ex_toggle/off/on	D	Pulse to activate the audio ex function.
enter/up/down/left/right/ return/clear/ menu/top_menu	D	Pulse to navigate through the menus.
setup_toggle/off/on	D	Pulse to turn the setup menu on and off.
display_toggle/off/on	D	Pulse to turn the display on and off.
screen_saver_toggle/on/off	D	Pulse to turn the auto screen saver on and off.

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program_off/on	D	Pulse to turn the program mode on and off.
sleep_timer_*	D	Pulse to select the desired sleep timer setting.
digital_audio_off/all/pcm	D	Pulse to select the desired digital audio setting.
pcm_freq_48k/96k	D	Pulse to select the desired pcm frequency.
night_mode_off/on	D	Pulse to turn night mode on and off.
cd_upsampling_*	D	Pulse to select the desired CD upsampling setting.
tv_*	D	Pulse to select the desired TV system.
scan_menu	D	Pulse to turn the scan menu on and off.
audio	D	Pulse to activate the audio function.
hdmi_audio	D	Pulse to cycle through the hdmi audio settings.
hdmi_toggle/off/on	D	Pulse to turn the hdmi output on and off.
auto_status_feedback_off/on	D	Pulse to turn the auto status feedback on and off.
*_req	D	Pulse to request the desired status. THIS SHOULD NOT BE NECESSARY IF THE auto_status_feedback IS SET TO ON.

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FEEDBACK:

tx$	S	Serial signal to be routed to a 2-way serial com port.
power_stby/on_fb	D	High to indicate the current power state.
tray_close/open_fb	D	High to indicate whether the tray is opened or closed.
disc_1/2/3/4/5_fb	D	High to indicate the currently selected disc number.
disc_*_fb	D	High to indicate the type of disc that is in the tray.
dimmer_high/mid/low_fb	D	High to indicate the current state of the brightness of the VC6001's front panel.
repeat_*_fb	D	High to indicate the current repeat setting.
stop/pause/play_fb **slow_forward/slow_backward_fb** **fast_forward/fast_backward_fb**	D	High to indicate the current state of the transport deck.
random_off/on/repeat_fb	D	High to indicate the current state of the random function.
sound_mode_*_fb	D	High to indicate the currently selected sound mode.
a-b_repeat_off/set_a/set_a-b_fb	D	High to indicate the current state of the repeat AB function.
aspect_*_fb	D	High to indicate the currently selected aspect ratio.
subtitle_fb$	S	Serial signal indicating the currently selected subtitle.
angle_fb$	S	Serial signal indicating the currently selected angle.
zoom_*_fb	D	High to indicate the current zoom setting.
audio_ex_off/on_fb	D	High to indicate the current state of the audio ex function.
setup_off/on_fb	D	High to indicate the current state of the setup menu.
display_off/on_fb	D	High to indicate the current state of the display.
screen_saver_off/on_fb	D	High to indicate the current state of the auto screen saver.
program_off/on_fb	D	High to indicate the current state of the program function.
sleep_timer_*_fb	D	High to indicate the currently selected sleep timer setting.

digital_audio_*_fb	D	High to indicate the currently selected digital audio setting.
pcm_freq_48k/96k_fb	D	High to indicate the current pcm setting.
night_mode_off/on_fb	D	High to indicate the current state of the night mode.
cd_upsampling_off/88.2k/176.4k_fb	D	High to indicate the currently selected CD upsampling setting.
tv_*_fb	D	High to indicate the current TV system.
scan_menu_off/on_fb	D	High to indicate the current setting for the scan menu.
hdmi_audio_*_fb	D	High to indicate the current state of the HDMI audio.
hdmi_off/on_fb	D	High to indicate the current state of the HDMI.
auto_status_feedback_*_fb	D	High to indicate the level of automatic feedback.

TESTING:

OPS USED FOR TESTING:	3.155.1240
SIMPL WINDOWS USED FOR TESTING:	2.10.25
CRES DB USED FOR TESTING:	19.02.005
SYMBOL LIBRARY USED FOR TESTING:	541
SAMPLE PROGRAM:	Marantz VC6001 Demo
REVISION HISTORY:	V. 1.0 – Original Release