

SIMPLWINDOWS NAME: SONY CDR-W66

CATEGORY: Transport Decks

VERSION: 1.0

SUMMARY: Provides control of the CDR-W66.

GENERAL NOTES: This module provides the basic controls for the CDR-W66. It provides real feedback.

NOTE: When controlling the CDR-W66 from the Crestron, you will need to pulse the rs232_on input. This will allow control from the Crestron but will disable the front panel of the CDR-W66. When you send the rs232_on or rs232_off commands the CDR-W66 will go to stop automatically.

CRESTRON HARDWARE: CNXCOM-2,
ST-COM,
CNMSX internal comport

SETUP OF CRESTRON HARDWARE: The protocol is:

Baud Rate - 9600
Parity - None
Data Bits - 8
Stop Bits - 1

VENDOR FIRMWARE: None

VENDOR SETUP: None

CABLE NUMBER: CNSP-124

CONTROL:

RS232_ON	D	Pulse to start communications. This will also disable the front panel buttons on the CDR-W66.
RS232_OFF	D	Pulse to stop communications. This will also re-enable the front panel buttons on the CDR-W66.
POLL_ENABLE	D	Hold high to get real feedback from the CDR-W66. This will only provide feedback after the rs232 is turned on. This will poll the device for some piece of information every 7.5 seconds. It will take 15 seconds to get a full update on all information.
REQUEST_DISC_INFORMATION	D	This will get the disc title.
PLAY	D	Pulse to play the CD.
STOP	D	Pulse to stop the CD.
PAUSE_TOGGLE	D	Toggles the state of the pause.
PAUSE_ON	D	Pulse to pause the CD.
REW	D	Push and hold to rewind. The CDR-W66 must be in play and will return to play mode when released.
FFWD	D	Push and hold to fast forward. The CDR-W66 must be in play and will return to play mode when released.
PREV_TRACK	D	Pulse to go to the previous track.
NEXT_TRACK	D	Pulse to go to the next track.
REC	D	Pulse to go into record pause mode. To start recording pulse pause.

REC_MUTE_ON	D	Pulse to turn on record mute. This will essentially end the track.
REC_MUTE_OFF	D	Pulse to turn off record mute. This will put the CDR-W66 into record pause mode.
FINALIZE	D	Pulse to close the record session on the CD.
UNFINALIZE	D	Pulse to re-open the session on the CD.
TRACK_ERASE	D	Pulse after entering the track number to erase the specified track and all tracks after that track. i.e. Disc has 10 tracks. Pulsing track_erase with track = 4 will erase tracks 4 through 10. ONLY AVAILABLE FOR CD-RWs.
DISC_ERASE	D	Pulse to erase the entire disc. ONLY AVAILABLE FOR CD-RWs.
OPEN/CLOSE	D	Pulse to open and close the disc tray.
AUTO_PAUSE_ON	D	Pulse to turn auto pause on. This will automatically pause the disc at the end of each track.
AUTO_PAUSE_OFF	D	Pulse to turn auto pause off.
REPEAT_OFF	D	Pulse to turn repeat off.
REPEAT_ALL	D	Pulse to turn repeat entire disc on.
REPEAT_1_TRACK	D	Pulse to turn repeat track on.
PLAY_MODE_CONTINUOUS	D	Pulse to play the disc straight through from track 1 to end.
PLAY_MODE_SHUFFLE	D	Pulse to play tracks randomly.
PLAY_MODE_PROGRAM	D	Pulse to play a program that has been programmed into the CDR-W66.
TRACK_PLAY	D	Pulse after entering the track number to play the disc starting at that track.
TRACK_PAUSE	D	Pulse after entering the track number to pause the disc at the beginning of the specified track.
KPD_*	D	Used for track number entry.
FROM_DEVICE\$	S	Serial data string to be routed from a 2-way com port.

FEEDBACK:

PLAY_FB	D	Real feedback indicating the CDR-W66 is in play mode.
STOP_FB	D	Real feedback indicating the CDR-W66 is in stop mode.
PAUSE_FB	D	Real feedback indicating the CDR-W66 is in pause mode.
REC_FB	D	Real feedback indicating the CDR-W66 is in record mode.
OPEN_FB	D	Real feedback indicating the disc tray is open.
NO_DISC_FB	D	Real feedback indicating there is no disc in the tray.
REC_MUTE_ON_FB	D	Real feedback indicating record mute is on.
REPEAT_*_FB	D	Real feedback indicating which repeat mode is active.
PLAY_MODE_*_FB	D	Real feedback indicating which play mode is active.

CD_FB	D	Real feedback indicating that the disc in the tray is a CD.
CD_R_FB	D	Real feedback indicating that the disc in the tray is a CD-R.
CD_RW_FB	D	Real feedback indicating that the disc in the tray is a CD-RW.
RECORD_POSSIBLE_FB	D	Real feedback indicating that it is possible to record on the disc in the tray.
FINALIZE_DONE_FB	D	Real feedback indicating that the disc is finalized.
TRACK_NUMBER	A	Real feedback indicating the track number playing. Also shows the track number entered using the kpd.
DISC_TITLE	S	Real feedback showing the title of the disc. If the disc has no title information will read "No Disc Title".
TRACK_TITLE	S	Real feedback showing the title of the track. If the track has no title information will read "No Track Title".
TO_DEVICE\$	S	Serial data string to be routed to a 2-way com port.

PRO OPS USED FOR TESTING: 5.12.26x
PRO2 OPS USED FOR TESTING: [v1.001 (BUILD=131)]
COMPILER USED FOR TESTING: SimplWindows Ver 2.00.16
SAMPLE PROGRAM: PRO SONY CDR-W66 Demo Pro.smw
REVISION HISTORY: None