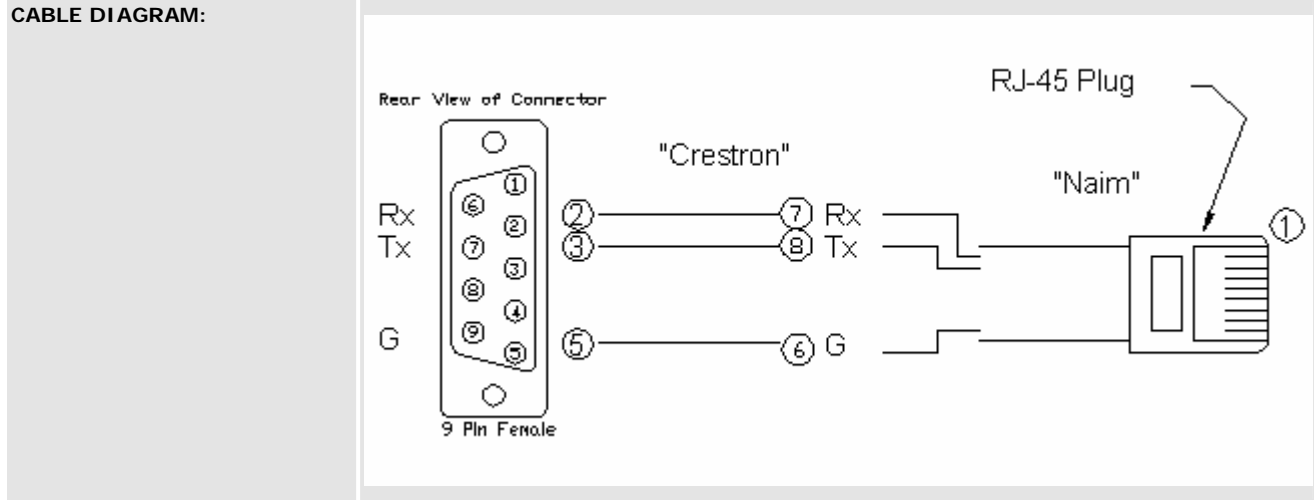


Naim: DVD5
Full control of a DVD5



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Naim DVD5
CATEGORY:	Device Interface
VERSION:	V 1.0
SUMMARY:	Full control of a DVD5 DVD player
GENERAL NOTES:	
CRESTRON HARDWARE REQUIRED:	X or 2 series processor
SETUP OF CRESTRON HARDWARE:	The demo program runs on a 2-series processor with TPS-6000
VENDOR FIRMWARE:	DVc01-01
VENDOR SETUP:	Naim DVD5




CONTROL:

power_On	D	Pulse to turn off unit
power_Off	D	Pulse to turn on unit
play	D	Pulse to play DVD
stop	D	Pulse to stop DVD
pause	D	Pulse to pause DVD
frame_Advance	D	Pulse to advance one frame. Only in pause mode
next	D	Pulse to skip to next track/chapter
prev	D	Pulse to skip to previous track/chapter
FF	D	Pulse to toggle between fast forward modes (1/8 - 60X)
REW	D	Pulse to toggle between rewind modes (1/8 - 60X)
track	A	Set track to be played
track_Enter	D	Pulse to start track selected by track
open	D	Pulse to open/close
repeat_A/B	D	Pulse to turn on repeat A/B
repeat_Disc	D	Pulse to turn on repeat Disc
repeat_Title/Track	D	Pulse to turn on repeat Title/Track
repeat_Chapter	D	Pulse to turn on repeat Chapter
repeat_Off	D	Pulse to turn off repeat
random_On	D	Pulse to turn on random
random_Off	D	Pulse to turn off random



audio	D	Pulse to toggle between audio languages
subtitle	D	Pulse to toggle between subtitle languages
angle	D	Pulse to toggle between angles
up	D	Pulse to simulate up button
down	D	Pulse to simulate down button
left	D	Pulse to simulate left button
right	D	Pulse to simulate right button
ok	D	Pulse to simulate ok button
menu	D	Pulse to simulate menu button
title	D	Pulse to simulate title button
return	D	Pulse to simulate return button
setup	D	Pulse to simulate setup button
clear	D	Pulse to simulate clear button
slow	D	Pulse to simulate slow button
zoom	D	Pulse to simulate zoom button
key_1-0	D	Pulse to simulate number buttons
Program	D	Pulse to issue program command
display_Title/Chap	D	Pulse to make the display show title/chapter
display_Time	D	Pulse to make the display show elapsed time
display_Time_Remaining	D	Pulse to make the display show the remaining time
display_Off	D	Pulse to turn off the display



colour_RGB	D	Pulse to switch to RGB colour mode
colour_RGBHV	D	Pulse to switch to RGBHV colour mode
colour_YPbPr	D	Pulse to switch to YPbPr colour mode
colour_YPbPrHV	D	Pulse to switch to YPbPrHV colour mode
auto	D	Pulse to turn on auto output format
PAL	D	Pulse to turn on PAL output format
NTSC	D	Pulse to turn on NTSC output format
verbose_On	D	Pulse to turn on verbose mode When Verbose is on, every change on the unit (via remote or via Crestron) makes the unit send out a status command.
verbose_Off	D	Pulse to turn off verbose mode
time_On	D	Pulse to turn on time feedback
time_Off	D	Pulse to turn off time feedback
rx	S	To be connected to the RX of the com port

FEEDBACK:		
power_On_Fb	D	High when power is on
power_Off_Fb	D	High when power is off
play_Fb	D	High when DVD is playing
stop_Fb	D	High when DVD is stopped
pause_Fb	D	High when DVD is paused
next_Fb	D	High when skipped to next track/chapter
prev_Fb	D	High when skipped to previous track/chapter



forward_X_Fb	D	Different fast forward modes feedback
reverse_X_Fb	D	Different rewind modes feedback
time_Fb	S	Elapsed time feedback "00:00:00"
chapter_Fb	A	Current chapter feedback
track_Fb	A	Current track feedback
opened_Fb	D	High when tray is open
closed_Fb	D	High when tray is closed
reading_New_Disk_Fb	D	High when reading new disk
disc_Present_Fb	D	High when disc is preset (Failed to work during tests)
disc_Type_*_Fb	D	Shows current disc type
repeat_A/B_Fb	D	High when repeat A/B is on
repeat_Disc_Fb	D	High when repeat Disc is on
repeat_Title/Track_Fb	D	High when repeat Title/track is on
repeat_Chapter_Fb	D	High when repeat Chapter is on
repeat_Off_Fb	D	High when repeat is off
random_On_Fb	D	High when random is on
random_Off_Fb	D	High when random is off
angle_Fb	A	Angle feedback
display_Title/Chap_Fb	D	High when display is showing Title/Chapter
display_Time_Fb	D	High when display is showing elapsed time
display_Time_Remaining_Fb	D	High when display is showing remaining time



display_Off_Fb	D	High when display is off
digital_Audio_Encoded_Fb	D	High when digital audio is encoded
digital_Audio_DVDAudio_Fb	D	High when digital audio is that of the DVD audio disc
audio_Format_*_Fb	D	Shows current audio format
aspect_*_Fb	D	Shows current aspect ratio (LB = letter box, PS = pan & scan)
composite_On_Fb	D	High when composite is on
composite_Off_Fb	D	High when composite if off
skipping_Fb	D	High when skipping
OSD_Menu_On_Fb	D	High when OSD menu is showing
verbose_On_Fb	D	High when verbose is on
verbose_Off_Fb	D	High when verbose is off
time_On_Fb	D	High when time feedback is on
time_Off_Fb	D	High when time feedback is off
tx	S	To be connected to the TX of the com port

TESTING:

OPS USED FOR TESTING:	V3.137
COMPILER USED FOR TESTING:	Simpl Windows 2.06.20
SAMPLE PROGRAM:	Naim DVD5 Demo Program.smw
REVISION HISTORY:	V. 1.0