

SIMPLWINDOWS NAME: VideoTek Prodigy

CATEGORY: Switcher

VERSION: 1.0

SUMMARY: This module controls the VideoTek Prodigy Broadcast Switcher.

GENERAL NOTES: This module provide real feedback. If the poll enable is not held high the switcher will only be polled for feedback when a preview, program or key bus command is sent out. A fade, cut or fade to black command will not cause a poll. When poll enable is held high and a preview, program or key bus command is sent it will poll that bus for feedback on the next poll command. The poll cycle is 0.25 seconds.

To select an audio input that is different than the video input you want, you must first select the video input. That will select the video and audio from that input. Then you select the audio input. This sequence will give you different audio and video inputs.

Note that this module can only be used with CNMSX internal com ports. You cannot use it with a CNXCOM-2 or ST-COM. Contact Crestron Technical Support for additional information.

CRESTRON HARDWARE: Internal CNMSX Com ports only

SETUP OF CRESTRON HARDWARE: RS-422

Baud Rate - 38400
 Parity - None
 Data Bits - 8
 Stop Bits - 1

VENDOR FIRMWARE: None

VENDOR SETUP: The ENABLE EDIT BUTTON must be lit and/or flashing.

CABLE WIRING:	Crestron		VideoTek
	DB9 Female		DB9 Male
	Pin		Pin
	1	to	2
	4	to	3
	5	to	1,4,6,9
	6	to	7
	9	to	8

CONTROL:

POLL_ENABLE==1	D	Hold high to enable polling for real feedback.
PREVIEW_VIDEO_*	D	Pulse to select the preview video and audio input.
PROGRAM_VIDEO_*	D	Pulse to select the program video and audio input.
PREVIEW_AUDIO_*	D	Pulse to select the preview audio only input.
PROGRAM_AUDIO_*	D	Pulse to select the program audio only input.
KEY_BUS_*	D	Pulse to select the key bus input.
WIPE_*	D	Pulse to select the wipe style.
START_WIPE	D	Pulse to start the wipe(same as auto trans button).

FADE_TO_BLACK	D	Pulse to start the fade to black(same as FTB button).
CUT	D	Pulse to start the cut(same as cut button).
FROM_DEVICE\$	S	Serial signal to be routed from a 2 way serial com port.
UNIT ID (IN HEX) ==30	P	This is the address of the device. It needs to be in hex, just the numbers. i.e. 30 not 30h
FADE FRAMES==30	P	This is the number of frames to complete the wipe.
WIPE VERSION==00	P	This is the version of the wipes. It should normally be left at its default.

FEEDBACK:

BREAK	D	This should be connected to the break input on the com port.
PREVIEW_VIDEO_*) FB	D	Feedback indicating the selected preview video input.
PROGRAM_VIDEO_*_FB	D	Feedback indicating the selected program video input.
PROGRAM_AUDIO_*_FB	D	Feedback indicating the selected preview audio only input.
KEY_BUS_*_FB	D	Feedback indicating the selected program audio only input.
KEY_BUS_*_FB	D	Feedback indicating the selected key bus input.
WIPE_*_FB	D	Feedback indicating the selected wipe style.
TO_DEVICE\$	S	Serial signal to be routed to a 2 way serial com port.

OPS USED FOR TESTING:	5.12.26x
COMPILER USED FOR TESTING:	SimplWindows Version 1.61.12
SAMPLE PROGRAM:	VideoTek Demo
REVISION HISTORY:	None