

SIMPLWINDOWS NAME: Seleco Sim2 HT-300

CATEGORY: Projector

VERSION: 1.0

DATE: February 26, 2002

SUMMARY: Controls power/input selection/menu

GENERAL NOTES: This module will control a Seleco Sim2 HT-300 video projector. The projector does not provide true feedback indicating it's power or current input state. However, this module will wait for an acknowledgment response after each power or source select command. The corresponding _Fb output will be raised only after receiving the acknowledgment from the projector.

This module also provides outputs simulating the warm up/cool down times of the projector. These times are set up using the Warm Up Time and Cool Down Time parameters. The default values are 15s and 60s based on testing done with an HT-300 projector, however, these times can be modified if necessary. Note that all power and source select commands will be disabled while the projector is warming up or cooling down.

CRESTRON HARDWARE REQUIRED: CNXCOM-2, ST-COM, CNXCOM

SETUP OF CRESTRON HARDWARE: Baud Rate - 19200
Parity - None
Data Bits - 8
Stop Bits - 1

VENDOR FIRMWARE: None

VENDOR SETUP: Use the port labeled "RS232" for control

CABLE NUMBER: CNSP-121

CONTROL:

POWER-ON	D	Pulse to turn the projector on. Simulated feedback will be reflected at the POWER-ON-FB output
POWER-OFF	D	Pulse to turn the projector off. Simulated feedback will be reflected at the POWER-OFF-FB output
INPUT-*	D	Pulse to select the desired input. If the projector is off when pulsed, it will be automatically turned on and the correct input will be selected.
OTHER INPUTS	D	Emulate the corresponding functions on the Sim2 Infrared remote control
FROM_DEVICE\$	S	Serial signal to be routed from a 2-way RS232 port

FEEDBACK:

POWER-ON-FB	D	Simulated feedback indicating that power is on.
POWER-OFF-FB	D	Simulated feedback indicating that power is off.
INPUT-*.FB	D	Simulated feedback indicating which input is currently active

Indicates the warm up/cool down states of

STATE-*	D	the projector. Will be high while the projector is powering on or off. Could be routed to legend buttons to indicate power-up and power-down states
TO_DEVICES\$	S	Serial signal to be routed to a 2 way RS232 port

OPS USED FOR TESTING:	5.12.63x
COMPILER USED FOR TESTING:	SimplWindows Version 2.00.25
SAMPLE PROGRAM:	Seleco Sim2 HT-300 Demo Program
REVISION HISTORY:	None