

SIMPLWINDOWS NAME: Runco VX-5000c

CATEGORY: TV/Video Projector

VERSION: 1.0

SUMMARY: This module controls the Runco VX-5000c.

GENERAL NOTES: This module will control the Vx-5000c. It provides real feedback.

NOTE: The Get_Projector_Status input should be pulsed to get the current status from the projector. This would normally be used once upon system boot up to get in sync with the projector.

NOTE: The Runco takes several seconds to switch sources. Commands are queued up and sent to the VX-5000c as quickly as possible.

CRESTRON HARDWARE REQUIRED: CNCOMH-2
ST-COM
CNXCOM-2
C2COM

SETUP OF CRESTRON HARDWARE: Baud Rate - 9600
Parity - None
Data Bits - 8
Stop Bits - 1

VENDOR FIRMWARE: Processor Firmware version: v2.64G
FPGA Firmware version: v2.18U

VENDOR SETUP: The Crestron connects to the VX-5000c video processor. It does NOT connect directly to the projector.

CABLE NUMBER: CNSP-121

CONTROL:

Poll_Enable	D	Will poll the projector as long as held high.
Power_On/Off/Toggle	D	Pulse to adjust the projector power. If the current status is not known, the toggle will send out the power on command.
Composite	D	Pulse to select the Composite input.
S-Video	D	Pulse to select the S-Video input.
Component	D	Pulse to select the Component input.
HD_RGB	D	Pulse to select the HD RGB input.
HD_Component	D	Pulse to select the HD Component input.
Computer	D	Pulse to select the Computer input.
Anamorphic	D	Pulse to select the Anamorphic aspect ratio.
Standard	D	Pulse to select the Standard aspect ratio.
Letterbox	D	Pulse to select the Letterbox aspect ratio.
Virtual_Wide	D	Pulse to select the Virtual Wide aspect ratio.
From_Device\$	S	Serial signal to be routed from a 2-way RS232 port.

FEEDBACK:

Power_On/Off_Fb	D	High to indicate the current power status.
Composite_Fb	D	High to indicate the Composite input.
S-Video_Fb	D	High to indicate the S-Video input.
Component_Fb	D	High to indicate the Component input.

HD_RGB_Fb	D	High to indicate the HD RGB input.
HD_Component_Fb	D	High to indicate the HD Component input.
Computer_Fb	D	High to indicate the Computer input.
Anamorphic_Fb	D	High to indicate the Anamorphic aspect ratio.
Standard_Fb	D	High to indicate the Standard aspect ratio.
Letterbox_Fb	D	High to indicate the Letterbox aspect ratio.
Virtual_Wide_Fb	D	High to indicate the Virtual Wide aspect ratio.
To_Device\$	S	Serial signal to be routed to a 2-way RS232 port.

PRO OPS USED FOR TESTING: 5.12.63x
PRO2 OPS USED FOR TESTING: 3.015
COMPILER USED FOR TESTING: SimplWindows Ver. 2.03.18
SAMPLE PROGRAM: Runco VX-5000c Demo
REVISION HISTORY: None