

**SIMPLWINDOWS NAME:** Sony PCS-5100 Video/Audio Switching

**CATEGORY:** Video Conference

**VERSION:** 1.0

**SUMMARY:** Performs all available video and audio switching

**GENERAL NOTES:** This macro will control a Sony PCS-5100 Video Codec. The same set of commands should also control a PCS-5000 and a PCS-3000, although some functions may only be supported on the PCS-5100.

Before performing any control of the codec, you must first establish communications with it. This is done by turning RS232 on using the S5K-INI macro.

This macro allows any near end source to be selected for transmission. It also allows selection of either or both of the available audio inputs for transmission. You can also make near and far end selections from the graphics menu, and you can perform the sending/receiving of high resolution snapshots.

**CRESTRON HARDWARE:** ST-COM, CNXCOM

**SETUP OF CRESTRON HARDWARE:** Baud Rate - 9600  
Parity - None  
Data Bits - 8  
Stop Bits - 2

**VENDOR FIRMWARE:** Tested with 4.0, however 5.0 is needed for full functionality

**VENDOR SETUP:** The codec must be taken out of standby (power on) before communications can be initiated. This can only be done with the Sony Infrared remote control, or using a CNIR port and CNIRP from the Crestron system.

Depending on the options installed/enabled on the Sony system, some functions may or may not be available

**CABLE NUMBER:** CNSP-124

## CONTROL:

<b>NEAR-VIDEO-*</b>	D	Selects the near end video source for transmission
<b>FAR-VIDEO-*</b>	D	Selects the far end video source for transmission
<b>DISPLAY-NEAR/FAR</b>	D	Toggles the monitor display between near and far end video
<b>NEAR-AUDIO-*</b>	D	Selects the near end audio source(S) for transmission
<b>NEAR-GRAPHIC-*</b>	D	Selects the near end graphics menu source
<b>FAR-GRAPHIC-*</b>	D	Selects the far end graphics menu source
<b>SEND-STILL</b>	D	Activates the send still function. This may not be accepted if the far end isn't on the correct menu
<b>SEND/RECEIVE-STILL</b>	D	Send/Receive still images
<b>START-SEND/RECEIVE-STILL</b>	D	Send/Receive still images continuously
<b>STOP-SEND/RECEIVE-</b>	D	Stop the continuous sending/receiving of still

**STILL** images  
**EXIT-STILL** D Exit 4CIF operation

**FEEDBACK:**

**SONY-TX\$** S Serial data string to be routed to a 2-way RS232 port

**OPS USED FOR TESTING:** 5.02.22x, 3.18.06

**COMPILER USED FOR TESTING:** SimplWindows Version 1.21.04

**SAMPLE PROGRAM:** S5K-TST

**REVISION HISTORY:** None