

SIMPLWINDOWS NAME: Sony PCS-5100 Multipoint Control

CATEGORY: Video Conference

VERSION: 1.0

SUMMARY: Controls all available multipoint functions

GENERAL NOTES: This module 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 module.

This module allows control of all functions that would be used during a multipoint conference.

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:

DISPLAY-QUAD	D	Display 4 sites on the local monitor
DISPLAY-SINGLE	D	Display a single site on the local monitor
DISPLAY-SPEAKING	D	Display the speaking site on the local monitor
MCU-START	D	Start the Multipoint conference
MCU-EXIT	D	End the multipoint conference
MCU-RECEIVE-NEAR-END	D	Select which site will be received
MCU-RECEIVE-*	D	Select which site will be received
MCU-BROADCAST-NEAR-END	D	Select which site will be broadcast
MCU-BROADCAST-*	D	Select which site will be broadcast

FEEDBACK:

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