

**SIMPLWINDOWS NAME:** Sony PCS-5100 Dialing module (100 Presets)  
**CATEGORY:** Video Conference  
**VERSION:** 1.0  
**SUMMARY:** Allows the placing of single and dual channel video calls, and access to 100 presets  
**GENERAL NOTES:** This module allows video calls to be placed. It operates as follows:

Dialing:

The module allows one or two number calls to be placed manually, as well as store those numbers in up to 100 preset locations. Additionally, since this codec supports dialing three different sites simultaneously, each site using 2 numbers, there is access to a total of 6 number fields for dialing. For most applications, only numbers 1 and 2 would be used. Phone numbers are entered, dialed and stored as follows:

1. Select SELECT-NUM-1, and type in the first phone number
2. If there is a second number, select SELECT-NUM-2 and type in the second number. Otherwise leave this field blank. You have the option of copying the first number to the second number. You can always reselect either number and reenter it.
3. If there are more sites to be dialed, you can continue selecting numbers 3-6 until as many numbers as necessary have been entered.
4. When all number fields are displaying the correct numbers, press DIAL. Your call(s) will be placed
5. If you were storing the number into a preset, you would first press the preset - the old numbers stored there would be displayed. You would then type in the new numbers. When finished, press STORE. The numbers you entered will be stored into the previously selected preset.

**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:

**SELECT-NUM\*** D Select number 1-6 for entry. The keypad will now apply to the selected number

**KEY-0-9-\*--#** D Keypad for entering the phone number. Will apply to whichever number was selected with SELECT-NUM\*.

<b>KEY-CLEAR</b>	D	Clear the selected number
<b>KEY-BACK</b>	D	Go back one digit in the selected number
<b>COPY-X-Y</b>	D	Copy the currently selected number to the next number
<b>CLEAR-ALL-NUM</b>	D	Clear all 6 numbers
<b>STORE</b>	D	Store the current entries for all numbers into the preset selected
<b>KEY-ENTER</b>	D	If enter is pressed after entering the first number, the second number will be selected. If enter is pressed after entering the second number, the number will be dialed.
<b>DIAL</b>	D	Sends the previously entered number to the codec for dialing
<b>PRESET-1-100</b>	D	Used to recall presets 1-100. After recalling a preset, DIAL must be pressed in order to place the call
<b>PRESET-CLEAR</b>	D	Clears the interlock maintaining the last preset selected
<b>DISCONNECT</b>	D	Disconnect the current video call
<b>ANSWER-INCOMING-CALL</b>	D	Manually answer an incoming
<b>REJECT-INCOMING-CALL</b>	D	Manually reject an incoming call
<b>LINE-INTERFACE-*</b>	D	Selects the line interface to be used when dialing. One and only one of these inputs should be selected corresponding to the type of line interface installed in the Sony system
<b>RATE-*</b>	D	Selects the rate at which the call will be placed. One and only one of these inputs should be selected
<b>AUDIO-*</b>	D	Selects the audio rate to be used. One and only one of these inputs should be selected
<b>INITIALIZE-PSETS</b>	D	Clears all the presets
<b>USE-2-NUMBERS</b>	D	Specifies that only 2 of the 6 possible number fields are to be used. This will allow the COPY and ENTER functions to work correctly for a 2 number call
<b>USE-6-NUMBERS</b>	D	Specifies that all 6 number fields are to be used. This will allow the COPY and ENTER functions to work correctly for a 6 number call
<b>SONY-RX\$</b>	S	Serial data string to be routed from a 2-way RS232 port

## FEEDBACK:

<b>SELECT-NUM*-FB</b>	D	Indicates which of the six numbers is currently selected for entry
<b>NUM*\$</b>	S	Serial data string to be routed to the serial portion of a touchpanel to display the corresponding phone number
<b>STATUS\$</b>	S	Indicates the status of the call while being placed, and while in progress. Should be routed to the serial portion of a touchpanel definition
<b>DIAL/DISCONNECT-BUSY</b>	D	High while the codec is dialing or disconnecting a call. While high, the codec will not accept any RS232 commands. Should be routed to a warning message on a touchpanel.
<b>INCOMING-CALL</b>	D	Indicates that a remote site is dialing in

<b>PRESET-1-100-FB</b>	D	Indicates the last preset selected
<b>LINE-INTERFACE-* -FB</b>	D	Indicates the line interface that was selected on the corresponding inputs
<b>RATE-* -FB</b>	D	Indicates the rate that was selected on the corresponding inputs
<b>AUDIO-* -FB</b>	D	Indicates the audio rate that was selected on the corresponding inputs
<b>INIT-PRESETS-BUSY</b>	D	High while the presets are being cleared. This may take several seconds
<b>SONY-TX\$</b>	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