

**SIMPLWINDOWS NAME:** Aspi Vortex Presets

**CATEGORY:** Conferencing

**VERSION:** 1.0

**SUMMARY:** Allows control of all 48 available presets

**GENERAL NOTES:** The commands used for the Aspi Vortex may be similar to commands used for other Aspi products. Therefore, the same modules developed for the Vortex may work on other Aspi products. To allow for this flexibility of use, you must specify which Aspi model is being controlled using the TYPE-ID-HEX parameter field. This must be a 2 digit hex representation of the model type as defined by Aspi. For the Vortex, the model type is F, therefore the parameter value to use is 46 which is the hex representation of the letter F. This can be seen by checking any standard ASCII chart. There should be no suffix used after the 46.

Multiple devices can be connected to the Aspi bus and controlled from a single RS232 port. Therefore, it is also necessary to enter the Unit ID of the device being controlled. This should be entered in the UNIT-ID-ASCII parameter field as a two digit number from 00-07 with no suffix.

This module allows any of the 48 available presets to be recalled. It also allows any of the user definable presets to be saved (Presets 16-47). If you attempt to save any of presets 0-15, it will not work.

Saving a preset is a three step process:

1. Set all the parameters to the desired levels
2. Pulse the PRESET-SAVE input, PRESET-SAVE-FB will go high
3. Pulse the preset number to save the settings into. To recall a preset, just pulse the preset number.

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

**SETUP OF CRESTRON HARDWARE:** Tested and verified at the following settings:

Baud Rate - 9600  
Parity - None  
Data Bits - 8  
Stop Bits - 1

RTS/CTS Handshaking should be enabled to insure no data is lost.

**VENDOR FIRMWARE:** 1.15

**VENDOR SETUP:** Ack mode must be set to "on"

**CABLE NUMBER:** CNSP-141

## CONTROL:

<b>PRESET-0-47</b>	D	Pulse to recall a preset. If save mode is active, the preset will be stored
<b>PRESET-SAVE</b>	D	Pulse to activate/deactivate save mode
<b>TYPE-ID-ASCII</b>	P	Enter 46 for Vortex
<b>UNIT-ID-ASCII</b>	P	Enter the unit number of the Vortex. Should be a number from 00-07

## FEEDBACK:

**ASPI-TX\$**                    S            Serial signal to be routed to a 2-way RS232 port

**OPS USED FOR TESTING:**            5.12.26x

**COMPILER USED FOR TESTING:**      SimplWindows Version 1.61.12

**SAMPLE PROGRAM:**                Aspi Vortex Demo Program

**REVISION HISTORY:**                None