SIMPLWINDOWS NAME:	Sony SRP-X700P
CATEGORY:	MIXER
VERSION:	1.0
SUMMARY:	Controls Scene Selection/Master Volume A+B/Source Selection and control
GENERAL NOTES:	This module will control a Sony SRP-X700P Digital Powered Mixer. It provides the basic controls only, which would typically be used in a run time environment. Setup controls are not provided. These functions can be accessed using Sony's PC software. The following controls are provided:

1. Scene Selection - Any of up to 20 preprogrammed scenes can be recalled

2. Line 4 Source Selection/control - The Line 4 source (A-F) can be selected, and for whichever source is currently active, the transport controls can be used. The SRP-X700P will translate the transport controls into Control-S format, and send the controls to the device.

3. Master Volume Channels A+B - For both master channels, up/down/mute controls are provided. Note that for volume up/down, the level set using the knob on the front of the SRP-X700P will act as the limiter for the volume level which the Crestron system is adjusting. So if the volume knob is set at 50%, the bargraph on the Crestron system will not go above 50% when the volume level is adjusted to the maximum. To achieve a full scale bargraph on the Crestron system, you should set the volume knob to the 0 dB setting.

All of the above parameters can be polled using the Poll input. This will cause a poll of all parameters. This should only be needed upon startup of the system. When any parameters are adjusted from the Crestron system, the unit will automatically be polled for the new status of the previously adjusted parameter.

CRESTRON HARDWARE REQUIRED:	CNMSX CNXCOM ST-COM C2-COM
SETUP OF CRESTRON HARDWARE:	The protocol is:

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

VENDOR FIRMWARE:	None
VENDOR SETUP:	Use the port marked RS232C under the "Remote" section
CABLE NUMBER:	CNSP-124

CONTROL:

Line_4_Input_A-F	D	Used to select the source for the Line 4 input
Transport_Controls	D	Used to control the previously selected Line 4 source
		Used to recall one of the 20

Scene_1-20	D	preprogrammed scenes
Master_A_Volume_Up/Down	D	Used to adjust master volume A up/down
Master_A_Volume_Mute_*	D	Used to change the state of mute for master channel A
Master_B_Volume_Up/Down	D	Used to adjust master volume B up/down
Master_B_Volume_Mute_*	D	Used to change the state of mute for master channel B
Poll	D	Pulse to poll all parameters. Should only be needed upon startup of the system
From_Device$	S	Serial signal to be routed from a 2-way RS232 port

FEEDBACK:

Line_4_Input_*_Fb	D	Indicates which source has been selected for line 4
Scene_*_Fb	D	Indicates which scene was last recalled
Master_A_Volume_Bar	A	Indicates the current relative volume level for channel A
Master_A_Volume_Mute_Fb	D	Indicates if mute is active/inactive for channel A
Master_B_Volume_Bar	A	Indicates the current relative volume level for channel B
Master_B_Volume_Mute_Fb	D	Indicates if mute is active/inactive for channel B
To_Device$	S	Serial signal to be routed to a 2-way RS232 port

PRO OPS USED FOR TESTING:	v2.004.cuz, 5.12.26x.upz
COMPILER USED FOR TESTING:	SimplWindows Ver 2.02.11
SAMPLE PROGRAM:	Sony SRP-X700P Demo
REVISION HISTORY:	None