SIMPLWINDOWS NAME:	Jupiter Fusion 950 Processor
CATEGORY:	TV/Video Projector
VERSION:	1.0
SUMMARY:	Sequences all commands sent to the Jupiter system
GENERAL NOTES:	This module will take care of properly sequencing all commands to be sent to the Jupiter system. It will queue all commands that it receives at the From_Program$ input, and it will send them out the To_Device$ output one at a time, waiting for a response to each command before sending the next command. If no response is received within three seconds of sending a command, the module will timeout, empty the queue, and send an error message out the computer port of the control system. You should have a single copy of this module in your program for each Jupiter system with which you are communicating. If there are multiple "Jupiter Fusion 950 Layouts" and/or "Jupiter Fusion 950 Routing" modules in your program, you should give the serial output of each module a unique name, connect each serial output to a separate serial input of a Serial Concatenation symbol, and then connect the output of the Serial Concatenation symbol to the From_Program$ input of this module. The Serial Concatenation symbol will make sure that this module receives no more than one command per logic wave. See the demo program for an example of how this is implemented. You can connect to the Jupiter system in two ways. The simplest way is using a RS232 connection directly to the serial port on the Fusion 950 unit. When using RS232 control, you must be sure that the Fusion 950 is running the Galileo Connect software. This software should already be installed on the Jupiter system, but it may not be running. If it is running, a corresponding icon will appear in the system tray. It is recommended to put the Galileo connect software in the Startup folder, so that it is always activated when the Jupiter system powers up. You can also control the Jupiter system via TCP/IP. To accomplish this, you will need to install a TCP/IP Client object in the program. The port number is 25456d. When you see the Connect-F output of the TCP/IP Client go high, you will need to send an appropriate user name and password. See the demo program for an example of how this is implemented.
CRESTRON HARDWARE REQUIRED:	CNMSX CNXCOM ST-COM C2-COM
SETUP OF CRESTRON HARDWARE:	RS232: Baud Rate - 9600 Parity - None Data Bits - 8 Stop Bits - 1 TCP/IP: Port #25456d
VENDOR FIRMWARE:	None
VENDOR SETUP:	Be sure that the Galileo Connect software is running on the Jupiter system if you are using RS232 control.
CABLE NUMBER:	CNSP-124

CONTROL:

From_Program$	S	Connect all strings generated by other Jupiter Fusion 950 modules to this input
From_Device$	S	Receives all information sent by the Jupiter system

FEEDBACK:

To_Device$	S	Serial signal to be routed to the Jupiter system

OPS USED FOR TESTING:	v3.015.cuz, 5.12.63x.upz
COMPILER USED FOR TESTING:	SimplWindows Ver 2.03.12
SAMPLE PROGRAM:	Jupiter Fusion 950 Demo
REVISION HISTORY:	None