SIMPLWINDOWS NAME:	Polycom ViewStation v60 IR Emulation
CATEGORY:	Codec
VERSION:	1.0
SUMMARY:	Allows emulation of all the functions available on the Polycom Infrared remote
GENERAL NOTES:	This module is for control of any Polycom ViewStation systems except for the VS4000 and ViewStation FX. It will work with Polycom Software version 6.0.1 only. Future releases of Polycom software my cause some functions to stop working.
	The only method available for communications with these systems is over TCP/IP, opening up a Telnet session with the Polycom system. Therefore, you must have a CNXENET+ card installed in your control system to enable communications.
	When programming the system in SimplWindows, you should insert a TCP/IP Client object into the ethernet portion of the control system, in the configuration manager. In the program view, use 24D for the PORT parameter field. When it is desired to establish the Telnet session with the Polycom system, assert the CONNECT input on the TCP/IP Client. When the session has been successfully established, the CONNECT-F output will go high. It will then be possible to send commands to the Polycom system. When it is desired to end the Telnet session, de-assert the CONNECT input, and the connection will be dropped.
	Commands should only be sent to the TCP/IP Client TX$ input when the connection is active. Therefore, you should connect the output of this module to the input of a Serial Buffer symbol, which is enabled by the CONNECT-F output of the TCP/IP Client. The output of the Serial Buffer should be connected to the TX$ input of the TCP/IP Client. See the demo program for an example of this implementation.
	Note that before resetting the Crestron system (as happens when you load a new program, power cycle the system , etc.), you should end the Telnet session with the Polycom system. If the session is active when the Crestron system resets, the session will not be closed properly, and the Polycom system may need to be rebooted to recover properly.
	This module allows emulation of all the functions available on the Polycom IR remote. In addition, it allows direct selection of the address book, far end video, near end video, main menu, and speed dial screens on the Polycom system.
CRESTRON HARDWARE:	CNXENET+
SETUP OF CRESTRON HARDWARE:	Install a TCP/IP Client
	Use port 23D
	Be sure to set up the IP table to specify the IP address of the Polycom system for the IP ID of the TCP/IP Client. You must do a cold reboot of the control system after changing these parameters.
VENDOR FIRMWARE:	Release 6.0.1 - 30 Aug 2000
VENDOR SETUP:	None

CABLE DIAGRAM: None

CONTROL:

ALL IR FUNCTIONS	D	Pulse to activate any of the IR remote functions
GOTO-*-SCREEN	D	Pulse to force the Polycom to display the appropriate screen

FEEDBACK:

POLYCOM-TX$	S	Serial signal to be routed to the Polycom system

.UPZ FILE USED FOR TESTING:	5.12.01x.upz
COMPILER USED FOR TESTING:	SimplWindows Version 1.51.08
SAMPLE PROGRAM:	Polycom ViewStation v60 Demo Program
REVISION HISTORY:	None