SIMPLWINDOWS NAME:	LiteTouch 5000 Keypad Feedback (9 Buttons)
CATEGORY:	Lighting
VERSION:	1.0
SUMMARY:	Provides LED feedback for any 9 button LiteTouch keypad
GENERAL NOTES:	This module allows the LED states of any 9 button LiteTouch keypad to be monitored, and displayed in the Crestron control system. You must use a separate module for each keypad that is to be monitored. You specify which keypad is to be monitored using the three parameter fields in the module. There are separate parameters for each digit of the station ID - hundreds, tens, and units. The values to use in these fields are the hex equivalents of the ASCII digits 0-9. For example, for a 0, use 30, for a 1, use 31, and so on.
	The LiteTouch system will report changes in the states of LEDs automatically provided that this feature is turned on. By default it is turned off. It must be turned on individually for each keypad in the system. This is done using the ENABLE-RESPONSES, and DISABLE-RESPONSES inputs on the module. Upon startup of the control system, it is recommended to pulse the ENABLE-RESPONSES input on each module one at a time. A DELAY symbol can be set up to cycle through all the modules with a time of .1sec between each module.
CRESTRON HARDWARE REQUIRED:	ST-COM, CNXCOM
SETUP OF CRESTRON HARDWARE:	Baud Rate -9600 Parity - None Data Bits - 8 Stop Bits - 1
VENDOR FIRMWARE:	None
VENDOR SETUP:	The baud rate is set to 9600 as a default. Be sure it has not been changed.
CABLE NUMBER:	CNSP-121

CONTROL:

ENABLE-RESPONSES	D	Pulse to enable reporting of LED changes from the LiteTouch system. Must be done before this module will report the LED states
DISABLE-RESPONSES	D	Pulse to disable the reporting of LED updates. Can usually be defined as 0
LITETOUCH-RX$	S	Serial data string to be routed from a 2-way RS232 port
STATION-HUNDRED	P	Specifies the hundreds digit of the station address. For 0, use 30. For 1, use 31. For 2, use 32, and so on
STATION-TEN	P	Specifies the tens digit of the station address. For 0, use 30. For 1, use 31. For 2, use 32, and so on
STATION-UNIT	P	Specifies the units digit of the station address. For 0, use 30. For 1, use 31. For 2, use 32, and so on

FEEDBACK:

BUTTON-1-9-FB	D	Real time feedback indicating which LEDs are on at the LiteTouch station specified
LITETOUCH-TX$	S	Serial data string to be routed to a 2-way RS232 port

OPS USED FOR TESTING:	3.18.06, 5.01.35x
COMPILER USED FOR TESTING:	SimplWindows Version 1.21
SAMPLE PROGRAM:	L5K-TSTA
REVISION HISTORY:	None