

SIMPLWINDOWS NAME: LiteTouch 5000 Keypad Interpretation

CATEGORY: Lighting

VERSION: 1.0

SUMMARY: Allows a LiteTouch keypad to be used as a control panel for a Crestron Control system

GENERAL NOTES:

This macro allows a LiteTouch Keypad to be used as a control panel for a Crestron system. The functions associated with the keypad may or may not involve lighting at all.

This macro will detect when a button is pressed and released on a specified LiteTouch keypad. It also allows the LEDs on the specified LiteTouch keypad to be turned on and off.

The macro was written to appear as a CNWP (wired panel) definition would be used. As long as a PRESS-* output is high, a button on the LiteTouch is being pressed. As long as a FEEDBACK-* input is held high, the corresponding LED on the LiteTouch system will be on.

You must specify which keypad is to be used with the three parameter fields in the macro. 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.

Typically, one macro would be used for each LiteTouch keypad to be used.

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:

FEEDBACK-1-9 D When high, the corresponding LED on the LiteTouch will be on

LITETOUCH-RX\$ S Serial data string to be routed to a 2-way RS232 port

FEEDBACK:

PRESS-1-9 D This output will be high for as long as the corresponding button is being pressed on the LiteTouch keypad

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