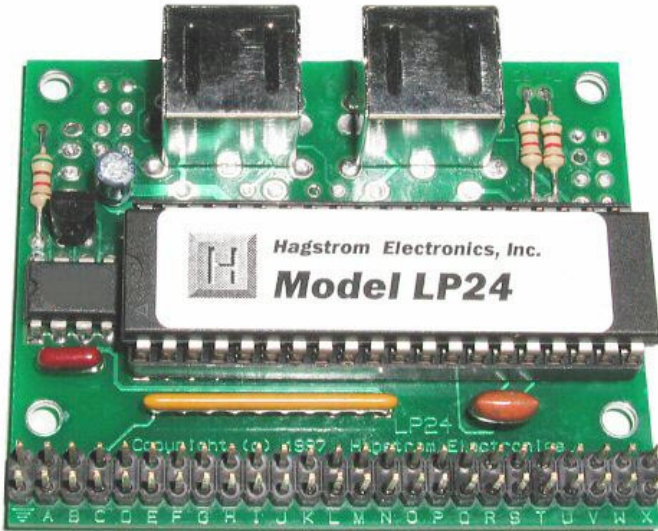


LP24 Keyboard Encoder

Programmable Interface to your PC Keyboard Input



The LP24 combines small size with a great deal of adaptability. Any of the 24 I/O pins of the LP24 can be configured as a Row or Column in a matrix. The LP24 can scan any size matrix from a 1 x 23 to a 12 x 12 configuration. Inputs from keypads or switches can emulate any key found on a standard PC keyboard. Any keystroke emulated with the LP24 may also be modified with Ctrl, Alt, or Shift functions.

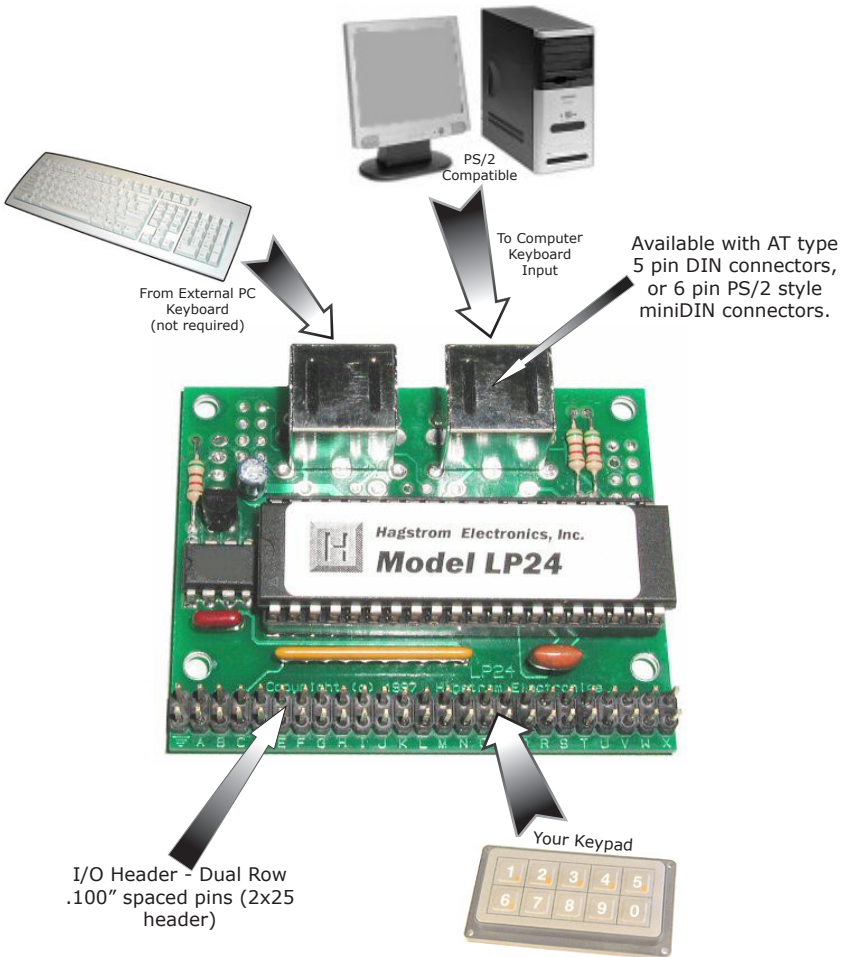
LP24 Features

- Provides all necessary communication to the PC. Operates with or without the keyboard attached.
- Programmable. The 24 I/O pins can be programmed to scan any size matrix from 1 x 23 to 12 x 12.
- Assign a Macro function to an input. Ctrl, Alt, Shift, or a combination of two of those keys may be combined with a keystroke. (Ex: Shift+F1, Ctrl+F1, etc.)
- Available with 5 pin DIN connectors, or 6 pin miniDIN connectors for the Keyboard and Computer Interface.

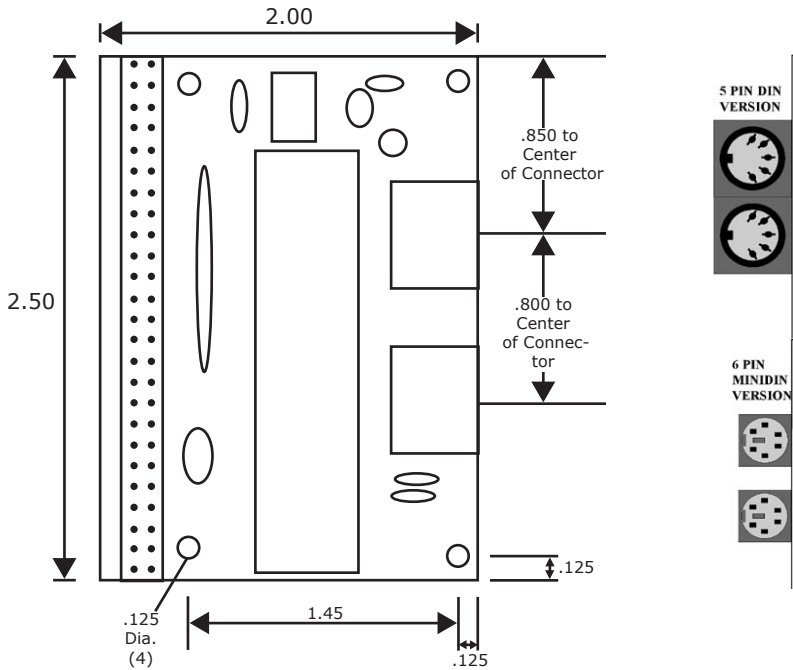
The adaptability of the LP24 is ideal for plugging your custom keypad directly into the LP24 header. The LP24 scan lines can be configured and arranged to scan the keypad so that no wiring alterations are needed to use your custom keypad.

The LP24 is programmed through the keyboard port of the PC using the programming application included with the unit.

All power for the LP24 is taken from the PC keyboard port, so no other voltage supply is required.



LP24 Specifications



Note: Dimensions are in inches.

Operating Voltage	5 Volts DC +/- 5%
Operating Current	12 ma Typical
Operating Temp.	0 to 70 Degrees C
PC Interface	PS/2 Compatible
Keyboard Interface	PS/2 Keyboard
I/O Header	24 I/O, up to 12x12 Matrix (programmable)