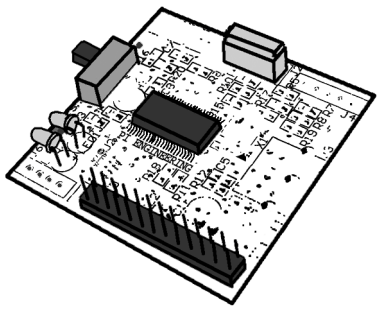
X-keys® Keyboard Matrix Control Board PS/2 (XFPB-24-PS)



- 96 Programmable Matrix Points
- Input connection: 26 pin, 0.1", two row header
- Output connection: PS/2 keyboard pass through
- No drivers or adapters required
- Perfect for building your own custom control panel

The ***X-keys*** **Matrix Control Board** utilizes the same proven hardware as the X-keys Programmable Keyboards. Your custom switches or keys connect to the board via a standard two row header with 0.1" pin spacing. Programming is done with a standard PS/2 keyboard and memorized commands go to your computer via the PS/2 port, just like a standard keyboard. Any sequence or combination of keystrokes may be assigned to any of the 96 possible switches in the matrix. Any switch, even toggle and rotary switches, can be connected to the matrix.

Programming and reprogramming the switches is simple and fast. The X-keys stores scan codes in its internal memory -- it can be programmed on one computer and moved to another with its programming intact. A USB version of the X-keys Keyboard Matrix Control Board is also available.

Specifications

Hardware System	Any architecture with AT or PS/2 keyboard port, using scan codes 2 or 3
Operating System	All OS supporting PC type keyboards
Software	No drivers or special applications required (MouseClicks available)
Memory Capacity	Each matrix point is allocated 3 characters and a pool of 700 additional keystrokes are available to any switches requiring additional characters
Memory Type	EEPROM, non volatile memory (X-keys retains memory for over 200 years)
Input Connector	Double Row, 26 pin, .100" (2.5mm) Female Header Receptacle (not included)
Number of Inputs	96 possible matrix point (switches)
Number of Layers	2 layers – user selectable toggle and/or shift keys (second layer gives 95 switches 2 possible functions)
Connector	Mini-DIN 6-pin, designed to pass through the main keyboard
Dimensions	2" x 2" x 0.5", (50.8mm x 50.8mm x 12.7mm)
Weight	2.56 oz. (73 grams)
Power Consumption	Less than 15 ma @ 5 vdc
Power Source	Keyboard port power, nominal voltage = 5 vcd
Certifications	FCC class B, CE

Specifications subject to change without notice

P.I. Engineering
101 Innovation Parkway, Williamston, Michigan 48895-1663
Phone: 800/628-3185 or 517/655-5523, Fax: 517/655-4926
www.xkeys.com