

Box Contents – This package will contain: 1- X-keys Device, 1- Installation CD ROM, and 1- Product Manual. X-keys Desktop and Professional keyboard packages will also contain: 2 - Vertical Double-keys, 1 - Horizontal Double-key, 1 - Key-puller, and 1 - Legend Sheet.

X-keys USB – Quick Start

Insert the included disk in your CD ROM drive and follow the instructions to install X-keys Macro Works Software. This software is required to program and operate the X-keys USB device. Please view the Readme file on the installation disk for the latest notes on installation and operation of the software. Should you encounter difficulty installing any of our X-keys products, please check the troubleshooting guide on our web site (www.xkeys.com). If this does not resolve the issue, please E-mail our technical support department: tech@xkeys.com or call us: (517) 655-5523.

Compatibility – X-keys USB devices require X-keys Macro Works Software. Macro Works for Windows is compatible with all Windows Operating Systems which support USB. This includes Windows 98 SE, ME, 2000, and XP. X-keys Macro Works for Mac OS-X is also included on the disk.

X-keys USB devices also have the ability to mimic a USB keyboard and mouse on any Operating System which supports USB including Mac and Unix based systems. Learn more about X-keys Memory Resident Mode on our web site (www.xkeys.com) or contact our Technical Support Department: tech@xkeys.com.

Identifying the Keys – The sticker sheet included with your X-keys is provided for hand written legends. The keycaps snap off with a fingernail or small screwdriver. Apply the label under the keycap, and replace it. To print legends on a laser or inkjet printer, go to our web site (www.xkeys.com) for templates formatted for popular applications. The key caps hold a legend 0.575" wide and 0.5" high (14.6mm x 12.7mm).

Horizontal and Vertical Double-keys – The included double-keys can replace two single keys on the X-keys Desktop, Pro, Jog & Shuttle Editor, Joystick Controller, and Trackball. To install a double key cap, remove two adjacent keys with the provided key-puller by positioning the key-puller teeth under the key and pulling straight up on the key cap. Press the double-key in place over the two exposed switch stems. One of the keys must then be disabled in programming. A wide variety of key cap options are available on our web site (www.xkeys.com) including double keys, large square keys, colored keys, industrial keys, embossed, or printed number keys, and extra legend sheets.

Other Products by P.I. Engineering

<p>X-keys® (xkeys.com)</p> <ul style="list-style-type: none"> • PS/2 Programmable Devices • Custom USB Input Hardware • Professional Engineering Solutions • Software Developer Support 	<p>Y-mouse® (ymouse.com)</p> <ul style="list-style-type: none"> • Dual Mouse Adapter • Dual Keyboard Adapter • Dual Monitor Adapter • PS/2 to USB Adapter 	<p>ViewPort® (viewport.com)</p> <ul style="list-style-type: none"> • Computer Video Adapter for USB • Add a Third Monitor to a Desktop Dual Display 	<p>RailDriver™ (raildriver.com)</p> <ul style="list-style-type: none"> • Desktop Train Cab Controller • TrainMaster™ Simulation Software • Historic Railroad Cyclopedias • Full Sized Control Components • American Kunckle Coupler Decorative Hitch Cover
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How to Contact Us

<p>Sales E-mail: sales@piengineering.com Phone: 1-800-628-3185 or 1-517-655-5523 FAX: 1-517-655-4926</p>	<p>Technical Support Web: www.piengineering.com E-mail: tech@piengineering.com Phone: 1-517-655-5523</p>	<p>Our Shipping Address: P.I. Engineering 101 Innovation Parkway Williamston, MI 48895-1663 USA</p>
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FCC Declaration of Conformity

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual may cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio TV technician for help.

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

X-keys® USB Programmable Devices

by P.I. Engineering

Product Manual for USB X-keys



"The No Slogan Company"



Desktop

20 keys

Professional

58 keys

Jog & Shuttle

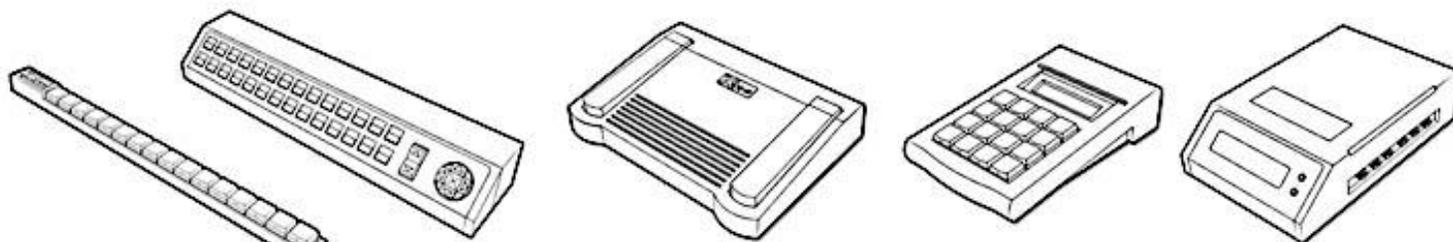
+ 46 keys

Joystick

+ 46 keys

Trackball

+ 46 keys



Stick

16 keys

Button Panel

34 buttons

Foot Pedal

3 pedals

LCD Keypad

16 keys

Switch Interface

12 switch ports

LIMITED WARRANTY -- For all X-keys products purchased and installed in the United States and Canada, P.I. Engineering warrants that the X-keys product will be free from defects in materials and workmanship under normal use and service, and will meet the specifications presented by P.I. Engineering at the time of original purchase, for one year as evidenced by a copy of the purchase receipt. Under this warranty, P.I. Engineering will, at its sole option, repair or replace any X-keys product which is defective, provided that you are responsible for (i) the cost of transportation of the product to P.I. Engineering or its designated service facility, and (ii) any loss or damage to the product resulting from such transportation.

Upon discovery of a defect in the product within the Warranty Period, you should notify P.I. Engineering Technical Support via telephone to obtain an RMA (return authorization number) and instructions for shipping the product to a service location designated by P.I. Engineering. You should send the product, shipping charges prepaid, to the designated location, accompanied by the return authorization number, your name, address, and telephone number, proof of purchase, and a description of the defect. P.I. Engineering will pay for return of product(s) to the customer.

P.I. Engineering shall have no responsibility to repair or replace the X-keys product if the failure has resulted from accident, abuse, mutilation, misuse, or repair/modification performed by any entity other than P.I. Engineering.

THIS WARRANTY IS EXCLUSIVE OF ALL OTHER WARRANTIES, WHETHER EXPRESSED, IMPLIED, OR STATUTORY. P.I. ENGINEERING DOES NOT WARRANT THIS X-keys PRODUCT FOR FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. P.I. ENGINEERING AND ITS EMPLOYEES SHALL NOT BE HELD LIABLE FOR ANY CONSEQUENTIAL, INDIRECT, OR INCIDENTAL DAMAGES, EVEN IF ADVISED OF THEIR POSSIBILITY, ARISING OUT OF THE USE OR INABILITY TO USE THIS PRODUCT. SOME STATES DO NOT ALLOW FOR THE EXCLUSION OR LIMITATION OF CERTAIN LIABILITIES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER LEGAL RIGHTS WHICH VARY FROM STATE TO STATE.

In the event that the above limitations are held unenforceable, P.I. Engineering's liability for any damages to you or to any party shall not exceed the purchase price you paid, regardless of the form of any claim.

This limited warranty is valid for and only applies to products purchased and used inside the United States (and its territories) and Canada.

This limited warranty is governed by the laws of the United States of America and the state of Michigan.

X-keys Electronic design: P.I. Engineering, Inc., Williamston, Michigan

X-keys Pro & Desktop industrial design: Rienhold Weiss Design, Chicago, Illinois

Patent # 4964075

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