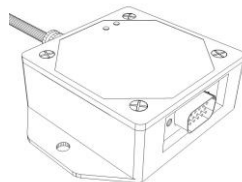# Best.nr: 25-8216

X-KEYS®

USB HD15 Wire Interface
Product Manual

- ⊠ Model XK-1332-UHS14-R
- ⊠ 10 inputs via HD15 connector
- ⊠ 4 inputs via 3.5mm stereo ports
- ⊠ 2 digital outputs via HD15 connector
- ⊠ Designed, Sold, and Supported in USA
- ⊠ From P.I Engineering, *The No Slogan Company*
- ⊠ USA: www.xkeys.com

Box Contents
This package contains:
1- X-keys USB Wire Interface
1- Product Manual

Quick Start for Windows
1. Download and install MacroWorks 3.1 (MW3) from: http://xkeys.com/PISupport/SoftwareMacroWorks.php.
2. Plug in the X-keys Wire Interface and wait for Windows to recognize it.
3. MW3.1 will display an icon in your Windows Taskbar. Click on the icon and select the Wire Interface.
4. Press any switch connected to the Wire Interface (or double-click on the port image) to begin recording a macro.
5. Type keystrokes or select text, shortcut, or function. Multiple lines of keystrokes, text, shortcuts, and functions may be entered on a single switch.
6. Press the switch again (or click Save) to complete programming.
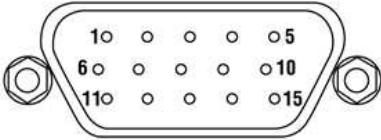7. When finished, close the programming window.

To quickly learn how to use MW3.1 watch the brief tutorials on our website. Consult the MW3.1 help file for complete instructions and tips on programming and using your X-keys.

NOTE: Mouse and joystick commands are found in the Functions menu.

Connecting Switches

If you are using one of our 4, 6, or 8 button pendant switches, connect the pendant to the HD15 connector. If you are wiring your own switches, follow the wiring diagram in the table below.

Pinout Wiring

HD15 Connector		3.5mm Ports	
Male connector on the X-keys		Port 1 is closest to the HD15 connector on the X-keys	
Pin	Function	3.5mm Port	Function
1	Input 1*	Port 1 Tip (left)	Input 11*
2	Input 2*	Port 1 Ring (right)	Input 12*
3	Input 3*	Port 1 Sleeve (ground)	Ground
4	Input 4*	Port 2 Tip (left)	Input 13*
5	Input 5*	Port 2 Ring (right)	Input 14*
6	Input 6*	Port 2 Sleeve (ground)	Ground
7	Input 7*		
8	Input 8*		
9	No connection		
10	Ground		
11	Input 9*		
12	Input 10*		
13	Digital Output 1 (5VDC, 10mA max)		
14	Digital Output 2 (5VDC, 10mA max)		
15	5VDC (from USB connection)		

*All inputs dry contact, short-to-ground.

3.5mm Ports

Each of the two 3.5mm ports accepts a 3.5mm plug such as those found on most Assistive Technology switches. A single switch can be plugged directly into each port. Each port can accept two switches with a 3.5mm left and right splitter. We sell this adapter on our website (#XK-A-1182-35Y-R). Please be aware that the splitter must separate the left and right channels to support two switches independently (headphone splitters will not work).

Compatibility

X-keys USB devices are programmed with MacroWorks 3.1 for Windows XP through 10. Developers may also use software development kits for Windows, Linux and Android to integrate X-keys into their applications. Additionally, the USB Wire Interface has a hardware programming feature which allows a user to emulate keyboard, mouse, joystick, or multimedia messages on any USB-enabled operating system. For more information about any of these options, see our web site or contact our Technical Support Department (tech@xkeys.com).

Compatible Accessories

Please visit the Accessories page on our website for details on the following.

- X-keys Port Splitter
- Wired Foot Pedals
- Wired Switches – available in a wide array of styles and colors
- X-keys USB Extender – up to 150 feet via CAT5 cable

Besök www.direktronik.se för tillbehör

Limited Warranty

For all X-keys products purchased and installed in the United States, Canada and the United Kingdom, 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 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), Canada, and the United Kingdom.

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