X-keys®

XK-24 Android
Product Manual

- ⊠ Model XK-0991-UMAK24-R
- ⊠ 24 Key USB Device
- ⊠ New Mobile and Multimedia Features
- ⊠ Designed in USA by P.I .Engineering
- ⊠ USA: www.xkeys.com
- ⊠ UK: www.x-keys-uk.com

Box Contents
1- X-keys XK-24 Android
1- Replacement key set (2 tall, 1 wide, 1 key puller)
2- Angled feet
2- Legend Sheets (1 blank, 1 pre-printed)
1- Product Manual

Quick Start for Windows

1. Run the MacroWorks 3.1 (MW3.1) installation program from the enclosed disc or download it from our website xkeys.com.
2. Plug in the X-keys and wait for Windows to recognize it.
3. Click on the MW3.1 icon in your Windows taskbar and select the device.
4. Press any button on the X-keys (or double-click on the button image) to begin recording a macro.
5. Type or select keystrokes, shortcut, or function. Multiple macros or functions may be programmed on a single button.
6. Press the button again (or click Save) to complete programming.

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

Quick Start for Android

1. Install X-keys Android app from Google Play but do not start it yet.
2. Plug in the X-keys. If an adapter is required, please plug the X-keys into the adapter before plugging the adapter into your device.
3. Start the X-keys Android app.
4. Choose "Assign Macros."
5. Choose one of the following, depending on your requirements:
    A. Supports text, mouse, multimedia macros
    B. Supports game controller, mouse, multimedia macros

    NOTE: Option A with text support may conflict with on-screen keyboards in some applications
6. Select key to program

7. Select macro type
8. Select desired macro from list and select Done. *The macro will not be stored until Done is selected.*
9. The macro is ready for immediate use.

Mac Users

Install ControllerMate for X-keys from the enclosed disc or download Controllermate for X-keys from our website. ControllerMate for X-keys is published by OrderedBytes in partnership with P.I. Engineering. For full instructions and support, please visit www.orderedbytes.com/controllermate/.

Developers

P.I. Engineering offers free Software Development Kits for Windows and Linux and code samples for Android. Our Windows SDK includes code samples in C#, C++ and .NET. Please visit the Developers page in the Support section on our website: xkeys.com/PISupport/Developer.php

Support

Should you encounter difficulty with the installation or programming, please consult the Help Files in MW3.1, ControllerMate, or X-keys Android. We also recommend checking the FAQ page on our website before contacting our technical support specialists.

USA: tech@xkeys.com | Phone: 1-517-655-5523

UK: support@x-keys-uk.com | Tel + 44 (0)1869 338428

Compatibility

The X-keys XK-3 Plus can be programmed to emulate a USB keyboard, mouse, game controller, or multimedia controller. MacroWorks 3.1 for Windows, or X-keys Android are required for programming. Programming is stored in X-keys on-board memory and the X-keys will send USB messages to any computer or tablet (no software or driver installation required).

MacroWorks for Windows and Controllermate for Mac OS X support the X-keys with additional software based features like shortcuts to applications, files, directories, and scripting capabilities.

Identifying the Keys

Select appropriate icons or use the blank legend sheet to create your own key legends. The keycaps snap off with a fingernail or small screwdriver. Apply the label under the keycap, and replace it. The key caps hold a legend 0.575" wide and 0.5" high (14.6mm x 12.7mm). Other options are available for printing legends for multiple units. See more information on our website.

Large Keys

The included double-keys replace two single keys on the X-keys. To install a double key cap, remove two adjacent keys with the provided key-puller. Press the double-key in place over the two exposed switch stems. Large quad (2x2) keycaps are also available.

NOTE: When programming for a quad key, always select one of the keys under the lower half of the keycap. When programming for double keys,

choose either of the two keys covered by the keycap. Programming both will result in both macros firing simultaneously.

Backlighting

All keys on the XK-24 have two backlighting colors (red and blue). Backlighting color and intensity can be set and keys can be programmed to manipulate the backlighting. See more information in the Help File.

Feet

The included angled feet may be snapped in to the bottom of the XK-24 to give it a slight tilt in either portrait or landscape orientation.

Compatible Accessories

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

- ☒ Tall, wide, and quad keycaps and key blockers
- ☒ Mounting plate and mounting arms
- ☒ X-keys USB Extender – up to 150 feet via CAT 5 cable

FCC Declaration of Conformity

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 communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does 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.

CE Declaration of Conformity

We, P.I. Engineering, Inc., declare that the X-keys is in conformance with:
- **EMC Directive 2004/108/EC, tested in accordance with EN 55022 and 55024**
- **Certificate of compliance on file at P.I. Engineering, 101 Innovation Pkwy, Williamston, MI 48895**

Contact Information

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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.

X-keys Electronic design: P.I. Engineering, Inc., **Patent # 4964075**
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UK: www.x-keys-uk.com

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