## X-keys® USB 3 Switch Interface Specifications

for part # XK-1283-UJS3-R



- 3 dual switch ports
- Connect to the USB port just like a USB keyboard
- Standard 3.5mm audio type switch ports
- Android compatible
- Free programming software for Windows and Mac
- Free software development kits for developers

The X-keys USB 3 Switch Interface features 3 dual switch ports in a compact, low profile footprint. Easily convert any switch closure to a keyboard, multimedia, or mouse command. Switches are easily set up to launch applications, open files, or type short lines of text like names, addresses, and account numbers. Switches are connected via Assistive Technology standard 3.5mm (1/8") phone plugs

MacroWorks 3 software for Windows and ControllerMate software for Mac OS-X combine ease of programming with a wide and flexible range of options. P.I. Engineering's free SDKs offer direct communication for the software developer and our new reflector feature sends messages to even the most reluctant software. The USB 3 Switch Interface may also be configured as a standalone USB keyboard or compound HID device with macros programmed in onboard non-volatile memory.

## **Specifications**

Use: Any OS via USB HID   Programming: Windows XP through 10, Mac OS X 10.4 through 10.10 Windows: MacroWorks 3.1 Android: X-keys Android Mac: ControllerMate for X-keys   Free Software Development Kits   Windows (C++, C#, VB.NET)   Linux (C++)   Android (Java)   Raw HID (any language/OS)		
Free Programming Software  Android: X-keys Android Mac: ControllerMate for X-keys  Free Software Development Kits  Emulation Modes  HID keyboard, HID mouse, HID game controller, HID multimedia  Port Type  3.5mm TRRS (Tip-Ring-Ring-Sleeve) accepts 3.5mm mono, stereo, or TRRS plug  Number of Ports  Optional Accessories  Connector  USB 2.0 standard "A" plug  Wiring Distance  Up to 1,000 feet (300m) from switch to port  Dimensions  2.8" x 0.75" x 0.5" (71mm x 19mm x 13mm)  Weight  0.8 oz. (3 g)  USB type  Power Source  Power Consumption  Temperature Range  Memory Type  Environmental Rating  Android: X-keys Android Mac: Controller Mac: Aceys  Windows (C++, C#, VB.NET)   Linux (C++)   Android (Java)   Raw HID (any language/OS)  Windows (C++, C#, VB.NET)   Linux (C++)   Android (Java)   Raw HID (any language/OS)  Windows (C++, C#, VB.NET)   Linux (C++)   Android (Java)   Raw HID (any language/OS)  Windows (C++, C#, VB.NET)   Linux (C++)   Android (Java)   Raw HID (any language/OS)  Windows (C++, C#, VB.NET)   Linux (C++)   Android (Java)   Raw HID (any language/OS)  Windows (C++, C#, VB.NET)   Linux (C++)   Android (Java)   Raw HID (any language/OS)  Windows (C++, C#, VB.NET)   Linux (C++)   Android (Java)   Raw HID (any language/OS)  Windows (C++, C#, VB.NET)   Linux (C++)   Android (Java)   Raw HID (any language/OS)  Windows (C++, C#, VB.NET)   Linux (C++)   Android (Java)   Raw HID (any language/OS)  Windows (C++, C#, VB.NET)   Linux (C++)   Android (Java)   Raw HID (any language/OS)  Windows (C++, C#, VB.NET)   Linux (C++)   Android (Java)   Raw HID (any language/OS)  Windows (C++, C#, VB.NET)   Linux (C++)   Android (Java)   Raw HID (any language/OS)  Windows (C++, C#, VB.NET)   Linux (C++)   Android (Java)   Raw HID (any language/OS)  Windows (C++, C#, VB.NET)   Linux (C++)   Android (Java)   Raw HID (any language/OS)  Number of Ports  1 TRS (Tip-Ring-Ring-Sleeve) accepts 3.5mm mono, stere, or TRS plug  Windows (C++, C#, VB.Net, or TRS plug  Number of Ports  2 1 TRS (Tip-Ring-Ring-Sleeve) accepts 3.5mm mono, ste	Operating System	Use: Any OS via USB HID   Programming: Windows XP through 10, Mac OS X 10.4 through 10.10
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Mac: ControllerMate for X-keys  Free Software Development Kits  Windows (C++, C#, VB.NET)   Linux (C++)   Android (Java)   Raw HID (any language/OS)  HID keyboard, HID mouse, HID game controller, HID multimedia  Port Type 3.5mm TRRS (Tip-Ring-Ring-Sleeve) accepts 3.5mm mono, stereo, or TRRS plug  Number of Ports 1 TRRS (Tip-Ring-Ring- Sleeve) port - may be split to accept up to three switches  Optional Accessories  Connector USB 2.0 standard "A" plug  Wiring Distance Up to 1,000 feet (300m) from switch to port  Dimensions 2.8" x 0.75" x 0.5" (71mm x 19mm x 13mm)  Weight 0.8 oz. (3 g)  USB type USB 1.1 (compatible through 3.0)  Power Source USB port, nominal voltage = 5 VDC  Power Consumption 21 mA @ 5 VDC  Temperature Range -20 to 60 C  Memory Capacity Approximately 1200 keystrokes or commands  Memory Type EPROM, non volatile memory (X-keys retains memory for over 200 years)  IP 40, typical indoor office environment		Android: X-keys Android
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Certifications FCC class B, CE, RoHS, WEEE compliant		IP 40, typical indoor office environment
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Specifications subject to change without notice

