

# 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

<b>Operating System</b>	Use: Any OS via USB HID   Programming: Windows XP through 8, Mac OS X 10.4 through 10.10
<b>Free Programming Software</b>	Windows: MacroWorks 3.1 Android: X-keys Android Mac: ControllerMate for X-keys
<b>Free Software Development Kits</b>	Windows (C++, C#, VB.NET)   Linux (C++)   Android (Java)   Raw HID (any language/OS)
<b>Emulation Modes</b>	HID keyboard, HID mouse, HID game controller, HID multimedia
<b>Port Type</b>	3.5mm TRRS (Tip-Ring-Ring-Sleeve) accepts 3.5mm mono, stereo, or TRRS plug
<b>Number of Ports</b>	1 TRRS (Tip-Ring-Ring- Sleeve) port - may be split to accept up to three switches
<b>Optional Accessories</b>	Wired switches, Y cords, or USB Extender. (see our website)
<b>Connector</b>	USB 2.0 standard "A" plug
<b>Wiring Distance</b>	Up to 1,000 feet (300m) from switch to port
<b>Dimensions</b>	2.8" x 0.75" x 0.5" (71mm x 19mm x 13mm)
<b>Weight</b>	0.8 oz. (3 g)
<b>USB type</b>	USB 1.1 (compatible through 3.0)
<b>Power Source</b>	USB port, nominal voltage = 5 VDC
<b>Power Consumption</b>	21 mA @ 5 VDC
<b>Temperature Range</b>	-20 to 60 C
<b>Memory Capacity</b>	Approximately 1200 keystrokes or commands
<b>Memory Type</b>	EEPROM, non volatile memory (X-keys retains memory for over 200 years)
<b>Environmental Rating</b>	IP 40, typical indoor office environment
<b>Certifications</b>	FCC class B, CE, RoHS, WEEE compliant

Specifications subject to change without notice