

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
- 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 combines the 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

Operating System	Use: Any OS via USB HID Programming: Windows XP through 10, Mac OS X 10.4 through 10.10
Free Programming Software	Windows: MacroWorks 3.1 Android: X-keys Android
Free Software Development Kits	Windows (C++, C#, VB.NET) Linux (C++) Android (Java) Raw HID (any language/OS)
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	1 TRRS (Tip-Ring-Ring-Sleeve) port - may be split to accept up to three switches
Optional Accessories	Wired switches, Y cords, or USB Extender. (see our website)
Connector	USB 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 Type-c with adapter
Power Source	USB port, nominal voltage = 5 VDC
Power Consumption	21 mA @ 5 VDC
Temperature Range	-20 to 60 C
Memory Capacity	Approximately 1,100 keystrokes or commands
Memory Type	EEPROM, non-volatile memory (X-keys retains memory for over 200 years)
Environmental Rating	IP 40, typical indoor office environment
Certifications	FCC class B, CE, RoHS, WEEE compliant

Specifications subject to change without notice