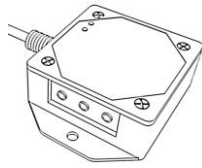


# X-keys® USB 12 Switch Interface Specifications

for part # XK-1202-UHS12-R



- 6-12 programmable switch ports
- Accepts standard 3.5mm stereo or mono plug
- Emulates keyboard, mouse, or game controller
- Android compatible
- Free programming software for Windows
- Free software development kits for developers

The X-keys USB 12 Switch Interface features six stereo ports which can be split to accommodate up to twelve switches. A built in mounting flange accepts screws or cable ties to secure the switch interface in position. The twelve short-to-ground ports allow an extremely long distance between the switch and port.

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 12 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 10, Mac OS X 10.4 through 10.10
<b>Free Programming Software</b>	Windows: MacroWorks 3.1
<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
<b>Port Type</b>	3.5mm stereo (accepts 3.5mm mono or stereo plug)
<b>Number of Ports</b>	6 ports (split to 12 with optional Y cords)
<b>Optional Accessories</b>	Wired switches, Y cords, extension cords, or USB Extender. (see our website)
<b>Connector</b>	Wired USB standard "A" plug
<b>Cord Length</b>	118" (3 m)
<b>Wiring Distance</b>	Up to 1,000 feet (300m) from switch to port
<b>Dimensions</b>	2.55" x 2.55" x 1.01" (65mm x 65mm x 26mm)
<b>Mounting</b>	Two 0.19" DIA mounting holes, 3" O.C. (4.8mm DIA, 76mm O.C.)
<b>Weight</b>	6 oz. (160 g)
<b>USB type</b>	USB 1.1 compatible through 3.0 Type-c with adapter
<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 1,100 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

P.I. Engineering, Inc.  
101 Innovation Parkway | Williamston, Michigan 48895-1663  
Phone: (517) 655-5523 | Fax: (517) 655-4926  
E-mail: tech@xkeys.com | Web: www.xkeys.com

