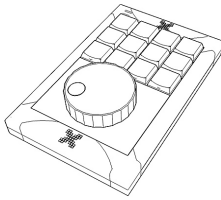


# X-keys® XK-12+Jog & Shuttle Specifications

for XK-0982-UAG12-R and XK-0982-UAG12-B



- 12 Programmable keys with Jog Wheel and Shuttle Ring
- Clear, removable key caps for applying and changing legends
- Includes software for Windows and Mac
- Free Software Development Kit for programmers
- Rugged construction
- Two color addressable backlighting (red and blue)

The X-keys XK-12+Jog & Shuttle controller features 12 keys with independent backlighting plus a jog wheel and shuttle ring. The co-injected case with soft sides for hand-held or desktop applications suits portrait or landscape orientation. A pair of snap in feet give the X-keys a slight angle on the desktop.

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 Pi3 firmware supports direct communication for the software developer and our new reflector feature sends messages to even the most reluctant software.

P.I. Engineering provides a Software Development Kit to support all input and output data for the X-keys. Our SDK includes examples for C#, C++, and VB.NET. Unique unit ID supports multiple units on the same system.

## Specifications

<b>Operating System</b>	Windows: XP, Vista, 7 (32 or 64 bit), Mac OS-X, Others via USB keyboard
<b>Included Software</b>	Windows: MacroWorks 3, Mac: ControllerMate, Other: SDK
<b>Jog Control</b>	10 detent, independent clockwise and counter clockwise commands
<b>Shuttle Control</b>	Independent macros for left and right with increasing repeat rate moving away from center (spring return to rest). Other commands available through scripting.
<b>Switch Type</b>	Rubber dome low profile, 3/4" (19mm) on center, guaranteed for more than 1 million operations (key stem compatible with Cherry MX)
<b>Number of Keys</b>	12 single keys
<b>Actuation Force</b>	Approx. 2.5 oz (72g) break-over, approx. 1.5 oz (42g) hold
<b>Keycap Size</b>	5/8" (16mm) sq. w/removable clear lens for easy labeling
<b>Connector</b>	Hardwired USB "A"
<b>Cord Length</b>	56" (1.42 m)
<b>Dimensions</b>	5.8" x 3.8" x 1.5" (147mm x 97mm x 39mm)
<b>Weight</b>	10.5 oz. (295 g)
<b>USB type</b>	Compatible with USB 1.1 through 2.0 and newer
<b>Power Source</b>	USB port, nominal voltage = 5 vdc
<b>Power Consumption</b>	Backlighting off: less than 15mA @ 5 vdc Backlighting on full: less than 140 mA @ 5 vdc
<b>Included Accessories</b>	Double keys (one horizontal, two vertical), key puller, legend sheet, two angled feet
<b>Optional Accessories</b>	Assorted colored, wide and tall key caps (compatible with Cherry MX stem), key blockers, legend sheets, USB CAT5 Extender
<b>Certifications</b>	FCC class B, CE, RoHS

Specifications subject to change without notice