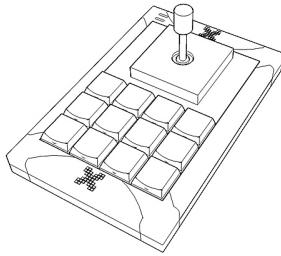


X-keys® XK-12+Joystick Specifications

for XK-0983-UAJ12-R and XK-0983-UAJ12-B



- 12 Programmable keys with integrated Joystick
- 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+Joystick controller features 12 keys with independent backlighting plus a precision three axis joystick. 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.

The joystick defaults to USB standard 3 axis joystick but may be configured as an independent X, Y, Z position controller. Our SDK shows the developer how to access data reports for the position of the joystick as well as the state of each key.

Specifications

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

Specifications subject to change without notice