

X-keys® XK-60, XK-80 Specifications

for XK-0979-UBK60-R (and -B) and XK-0980-UBK80-R (and -B)



- 60 or 80 Programmable keys
- Clear, removable key caps for applying and changing legends
- Includes software for Windows
- Free Software Development Kits for programmers
- Two color addressable backlighting (red and blue)

The X-keys XK-60 and XK-80 feature keys with independent backlighting. MacroWorks software for combines the 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 X-keys may also be configured as a standalone USB keyboard with macros programmed in onboard non-volatile memory.

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

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
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
Switch Type	Full-travel rubber dome, carbon on gold contacts, guaranteed for over 1 million operations
Number of Keys	60 or 80 single keys, 1 programming button
Actuation Force	Approx. 2.5 oz (72g) break-over, approx. 1.5 oz (42g) hold
Keycaps	0.625" (16mm) sq.; relegendable with Cherry MX compatible stem
Key Spacing	0.75" O.C.
Optional Keys	2x1,1x2, 2x2, and 1x1 blocker
Backlighting	1 blue and 1 red addressable LED under each key
Connector	Wired USB standard "A" plug
Cord Length	118" (3 m)
Dimensions	8.25" x 7.25" x 0.94" (210mm x 184mm x 24xm)
Weight	26 oz. (737 g)
USB type	USB 1.1 compatible through 3.0 Type-c with adapter
Power Source	USB port, nominal voltage = 5 vdc
Power Consumption	XK-60: No LEDs: 32 mA, Blue LEDs max: 98 mA, Red LEDs max: 145 mA, All LEDs max: 202 mA XK-80: No LEDs: 32 mA, Blue LEDs max: 123 mA, Red LEDs max: 181 mA, All LEDs max: 257 mA
Temperature Range	-20 to 60 C
Memory Capacity	Approximately 21,000 keystrokes or commands in onboard memory IF Firmware version 7 or higher OR 1,100 keystrokes IF Firmware 6 or lower
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

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