

X-keys Programmable Keyboards **60 and 80 key models**

Part codes: K-XK-DT60, and K-XK-DT80



Features

- 60 or 80 Programmable keys
- Clear, removable key caps for applying and changing legends
- Includes software for Windows and Mac
- Free Software Development Kits for programmers
- Rugged construction
- Two colour addressable back-lighting (red and blue)

Note:

The K-XK-DT60 updates the K-XK-58U. The factory installed key blockers on the K-XK-DT60 cover non-functional key locations. For full flexibility in creating a custom layout, choose the K-XK-DT80 which has active keys and backlighting under all 80 key positions.

Description

The X-keys K-XK-DT60 and K-XK DT80 models feature keys with independent back-lighting. MacroWorks software for Windows and ControllerMate software for Mac OS X combine ease of programming with a wide and flexible range of options. 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 on-board non-volatile memory.

Software Development Kits are available 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	Windows: XP, Vista, 7 (32 or 64 bit), Mac OS X, Others via USB keyboard
Included Software	Windows: MacroWorks 3, Mac: ControllerMate, Other: SDK
Switch Type	Rubber dome low profile, 3/4" (19mm) on center, guaranteed for more than 1 million operations (key stem is compatible with Cherry MX)
Number of Keys	60 or 80 single keys (large keys and key blockers available)
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	USB "A"
Cord Length	56" (1.42 m)
Dimensions	8.25" x 7.25" x 0.94" (21cm x 18.4cm x 2.4cm)
Weight	1.6 lb. (726 g)
USB type	Compatible with USB 1.1 through 2.0
Power Source	USB port, nominal voltage = 5 vdc
Power Consumption	Backlighting off: less than 15mA @ 5 vdc Backlighting on full: less than 625 mA (K-XK-DT60), less than 825 mA (K-XK-DT60) @ 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

In Hardware Mode

Hardware System	Any architecture supporting USB, including Sun, SGI, and HP workstations
Operating System	Programming requires MacroWorks software for Windows XP, Vista, or 7. Operates on any OS supporting USB including Unix, Sun and Mac OS X
Memory Capacity	Each key is allocated 3 characters and a pool of 1000 additional keystrokes is available to any keys that require additional characters
Memory Type	EEPROM, non volatile memory (X-keys retains memory for over 200 years)
Number of Layers	2 layers – user selectable toggle and/or shift keys