



## X-keys® XK-24 Specifications (XK-24-USB-R)

- ◆ 24 Programmable Keys
- ◆ Clear, removable key caps for applying and changing legends
- ◆ Includes Software for Windows and Mac
- ◆ Rugged construction
- ◆ Red and green backlighting

The **X-keys® XK-24** features 24 keys with independent backlighting, a co-injected case with soft sides suitable for hand-held applications, and a profile which is equally attractive in portrait or landscape orientation. Two snap in feet give the XK-24 a slight angle on the desk top.

The XK-24 comes with MacroWorks 3 software for Windows and ControllerMate software for Mac OS-X. New Pi3 firmware in the XK-24 supports direct communication for the software developer and also features a new Reflector Mode and our standard Hardware Mode, saving all programming in an onboard non-volatile memory and emulating a USB keyboard, mouse, or game controller. Visit our web site for more information about Reflector Mode and Hardware Mode.

### Specifications

<b>Operating System</b>	<b>WINDOWS:</b> 2000, XP, Vista,7 <b>MAC:</b> OS-X 10.6 <b>Other OS:</b> see Hardware Mode
<b>Included Software</b>	<b>WINDOWS:</b> MacroWorks 3 <b>MAC:</b> ControllerMate for X-keys
<b>Switch Type</b>	Rubber dome, low profile, 3/4" (19 mm) on center
<b>Number of Keys</b>	24 single keys
<b>Actuation Force</b>	Approx. 2.5 oz (72 g) Break-over, Approx. 1.5 oz (42 g) Hold
<b>Key Cap Type</b>	5/8" (16 mm) sq. w/removable clear caps for easy labeling
<b>Connector</b>	USB "A"
<b>Cord Length</b>	56" (1.42 m)
<b>Dimensions</b>	5.8" x 3.8" x 0.94", (147 mm x 97 mm x 24 mm)
<b>Weight</b>	10 oz. (285 g)
<b>Power Source</b>	USB port, nominal voltage = 5 vdc
<b>Power Consumption</b>	With backlighting off: less than 15 mA @ 5 vdc With all backlighting on full: less than 265 ma @ 5 vdc
<b>Accessories Included</b>	Double-keys (one horizontal and two vertical), key puller, legend sheet, two angled feet
<b>Optional Accessories</b>	Assorted key caps compatible with Cherry MX stem, legend sheets
<b>Certifications</b>	FCC class B, CE, RoHS

### In Hardware Mode

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

Specifications subject to change without notice

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