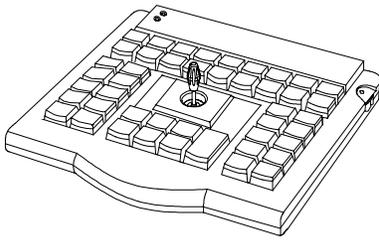


X-keys[®] SE Controller USB Specifications (XPJ-06-USB)



- Patented Moving Dielectric Measurement (MDM™) joystick for precision control
- Includes X-keys Macro Works Software
- Rugged construction
- Accurate and reliable control

The **X-keys Controller** uses X-keys Macro Works software to record any sequence or combination of keystrokes from a standard keyboard and assign them to any key or control on the X-keys. Mouse commands (click, scroll, cursor movement), and joystick buttons may also be programmed. Adjustable back-lighting makes key legends readable in low light working environments.

Developers can gain exclusive access to all keys and controls with help from our free software development kit. The X-keys Controller may also be operated in Memory Resident Mode, saving all programming in onboard non-volatile memory.

Specifications

Operating System	Windows 98SE, Me, 2000, XP
Included Software	Macro Works (required for programming and operation)
Joystick Control	Programmable X, Y and infinite Z axis (rotating the stick changes Z axis value from 0-256 every 360°)
Switch Type	Cherry type MX mechanical switch, 3/4" (19 mm) on center, silent tactile feel
Number of Keys	46 single keys
Key Cap Type	5/8" (16 mm) sq. w/removable clear caps for easy labeling (fits Cherry MX switch)
Connector	USB "A"
Dimensions	Body: 9" x 8" x 1" (230 mm x 200 mm x 25 mm) Joystick: 3/8" (10 mm) dia. handle, 1-1/8" (29mm) shaft
Weight	17½ oz. (620 grams)
Power Source	USB port, nominal voltage = 5 vcd
Power Consumption	Low power USB device -- with back-lighting off: less than 15 ma @ 5 vdc -- with back-lighting on highest setting: less than 90 ma @ 5 vdc
Accessories Included	Double-keys (one horizontal and two vertical), key puller
Optional Accessories	Large 1-3/8" (35 mm) square keys (replace 4 single keys), additional double-keys
Certifications	FCC class B, CE Pending
In Memory Resident Mode	
Hardware System	Any architecture supporting USB, including Sun, SGI, and HP workstations
Operating System	Programming requires driver (included) for Windows 98, Me, 2000, XP. Operates on any OS supporting USB including Unix, Sun and Mac OS-X
Joystick	Installs as USB compatible joystick with X, Y, and Z axis
Memory Capacity	Each key is allocated 3 characters and a pool of 900 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

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Specifications subject to change without notice