

# Remote Control Keys

## PROGRAMMABLE KEYPADS AND KEYSTICKS



- ▶ Provides a grid of user-programmable keys to switch between PC's, and to open macros, shortcuts and applications
- ▶ Functions as a customized control panel
- ▶ Direct USB interface connection to host PC
- ▶ Supports Windows (XP, Vista, 7, 8), Linux, OS-X
- ▶ Emulates keyboard, mouse, media commands, and game controls. Designed for KVM environments
- ▶ Replacement key-caps and legends available
- ▶ Individual key backlighting for easy recognition

## Features and Benefits

- Choose between 3 models:
  - 80-key keypad (60-Key Keypad also available)
  - 24-key keypad, configured to work with KVM
  - 4 /8/16-key USB-KVM keystick
- Each keypad or keystick package includes clear, removable keycaps for easy replacement
- The 24 and 80-key keypads have 2-color addressable backlighting (blue and red) for each key position. The 4/8/16 key keystick has addressable blue backlighting under each key
- The programmable keypads and keysticks provide a versatile control solution for Windows, Linux or MAC based computers
- All products are suitable for handheld, desktop or mounted use
- Interface to the host computer is by USB port. For remote control applications, simply use a Rose Electronics long distance USB extender
- Each product includes installation and programming software for Windows (MacroWorks) and MAC (ControllerMate)
- The 24 and 80-key keypads include angled feet for portrait or landscape orientation. The keystick package includes sticky pads for tabletop or rack cabinet mounting. The 16-port Keystick also has an optional 19" rackmount bracket kit

## Product Overview

The Remote Control Keypad and Keystick products are versatile PC controllers for use in environments where a traditional keyboard is not suitable, or where "one-touch" control is more desirable than multi-key keyboard functions. The Keypad and Keystick packages include user-programming software. Replacement keys, legend sheets and software development kits are available upon request.

With the 24 and 80-key keypads, double-keys can be used to replace 2 single keys, either in horizontal or vertical position. Key blockers are used to delineate groups of keys by function in a customized control panel. Key caps can be easily removed and replaced when changing the legend or key name. Addressable backlighting under each key makes the keys easily identifiable in low-light environments such as control rooms, studios and editing rooms.

When connected to the user port of a KVM Switch, the Keypad and Keystick products can provide accurate one-button reprogrammable switching commands, rather than complex keyboard hotkey commands.

Use the programmable Remote Control Keypads and Keysticks to provide an extra dimension of control to trigger macros and shortcuts, to select tools, switch computers and open files or directories.

## Applications

**KVM Switching** Use the 4/8/16 USB KVM Keystick as a shortcut device for common KVM hotkey switching commands, special function keys, and to activate OSD pop-up windows. Optional rackmount kit for the 16-key unit. Program the keys to match the switching codes of your KVM switch or host device.



**Applications Controller** Use the 24 or 80-key keypad as a graphical control device for repetitive keyboard functions in applications software such as Photoshop, Sketchup, Seashore and Paintbrush. Conveniently group keys by use and function.



Other applications are found in audio/video editing, music and theatre control systems, medical imaging, flight controllers, simulators and broadcasting.



Legend sheets



Replacement key caps

## Specifications

Remote control device		24-key keypad	80-key keypad	4/8/16 keystick
Dimensions (inch)		5.8 × 3.8 × 0.94"	8.25 × 7.25 × 0.94"	(4) 5.35×0.9×0.65" (136 × 23 × 17mm)
H × W × D (mm)		147 × 97 × 24mm	210 × 184 × 24mm	(8) 8.2×0.9×0.65" (208 × 23 × 17mm) (16) 14.25×0.9×0.65" (362 × 23 × 17mm)
Weight		0.6lb (285g)	1.6lb (736g)	0.2, 0.25, 0.45lbs. (85, 115, 200g)
Number of keys		24 keys. 1 programming button	80	4, 8 or 16. 1 programming switch
Replacement key set		2x1, 1x2, 2x2, 1x1 blocker	2x1, 1x2, 2x2, 1x1 blocker	Nil
Backlighting (each key)		1x blue, 1x red addressable LED's	1x blue, 1x red addressable LED's	1x blue addressable LED on each key
Power consumption		No LED's, 18mA. All LED's, 75mA	No LED's, 32mA. All LED's 257mA	No LED's, Max 21mA. All LED's, 32mA
Power source		Minimum requirement, USB1.1 Nominal voltage 5VDC		
Memory and capacity		EEPROM, non-volatile memory. Approximately 1,000 keystrokes or commands. Each key 3 characters.		
USB type/length		USB1.1/2.0 Type A connector with approx 54 inches (1.3 meter) cable length (compatible with HID, USB2.0/USB3.0)		
Key cap and key spacing		0.625" (16mm) square, relegendable with window for backlight, with 0.75" key spacing		
Emulation modes		USB-HID Keyboard, USB-HID Mouse, USB-HID Game Controller		
Operating system		Use any OS through USB-HID. For programming, Windows (XP, Vista, 7, 8, 10), MAC OS 10.4 – 10.10, Linux, Android		
Programming software		Windows MacroWorks 3.1 for Windows, MAC ControllerMate. SDK's on request (Windows, Linux, Android)		
Temperature range		-20° to 60° C (-4° to 140° F). Environmental Rating IP40 for indoor office environment.		
Certifications		FCC class B, CE, RoHS, WEEE compliant		

## Models available

80-key keypad



24-key keypad



4, 8, 16-key USB KVM keystick



## Part numbers

<b>RCP-KP4×6-U-KM</b>	Remote control USB keypad – 24 keys
<b>RCP-KP8×10-U-KM</b>	Remote control USB keypad – 80 keys
<b>RCK-KS1×4-U-KM</b>	Remote control USB keystick – 4 keys
<b>RCK-KS1×8-U-KM</b>	Remote control USB keystick – 8 keys
<b>RCK-KS1×16-U-KM</b>	Remote control USB keystick – 16 keys

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datasheet-remote-control-keys.pdf ▪ 2017-11-17

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