

# MultiVideo

KVM SWITCH WITH MULTIPLE VIDEO



## Single user KVM switch with dual or quad video

Switches all video ports simultaneously from keyboard, OSD, or front panel

PC or Multi-platform models (PC, Apple, Sun, USB, UNIX, Audio and Touchscreen)

Use for financial trading floors, television studios, emergency call centers, and other applications

High resolution video

## Features and Benefits

- Available in 5 different port configurations
  - 2 computers, each with 2 video ports
  - 2 computers, each with 4 video ports
  - 4 computers, each with 2 video ports
  - 4 computers, each with 4 video ports
  - 8 computers, each with 2 video ports
- Video resolution up to 1600 x 1280
- Integrated expansion for chaining units together supports up to 64 computers
- PC-platform units support PS/2 and USB keyboard and mouse to computer
- Multi-platform units also support Sun and Apple keyboard and mouse, audio, and touchscreen
- Optional advanced on-screen display (OSD) for configuration, computer selection, security, on-screen names, and screen savers
- Switch computers from keyboard, front panel, OSD, or RS232 port
- Scan mode switches through computers with adjustable rate
- Easy to use keyboard shortcut switches computer or turns scan mode on/off
- Supports HV sync, composite sync, and sync-on-green
- Free firmware upgrades for product enhancements and new Software features available at [www.rose.com](http://www.rose.com)
- Rack mount kits available in 19", 23", and 24" sizes
- Made in USA

## The MultiVideo™ Advantage . . .

MultiVideo delivers keyboard command switching between different CPUs that are sending multiple video signals. With MultiVideo a user can easily switch between multiple computers to view up to 4 video outputs per CPU. Audio switching is available in multiplatform models. Daisy chain MultiVideo units to support up to 64 CPUs.

Available in PC or multi-platform, the MultiVideo uses simple keyboard commands to switch between computers. The optional on-screen display allows you to switch from its streamlined visual interface and shows which computer you are switched in a choice of colors, position, font size, and font style.

Just think of the diverse applications. You can use it in many areas such as financial trading, emergency call centers, television studios, medical imaging, video editing, process control, and CAD/CAM to name a few.

You can also send a command to the MultiVideo's serial port if you want to switch from a control center. MultiVideo's high resolution is sure to provide a clear picture on all the video monitors. Combine with our ViewLink or CrystalView extenders to go up to 10 km.

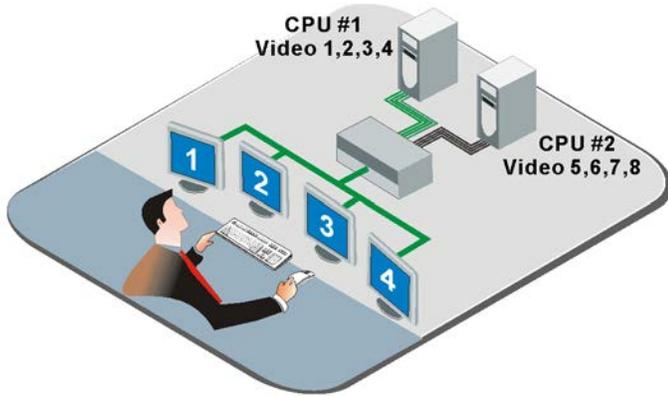
Call us today to find more about the MultiVideo's unique capabilities.



Perfect for Trading Room Floors

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## Typical Application



**MultiVideo Models** MultiVideo is available in four different models. Choose how many computers you are using; two, four, or eight and how many video ports are on each computer either two to four. You also have a choice between PC models or multi-platform models. The MultiVideo is compatible with all major operating systems such as Windows, Solaris, Linux, UNIX, SGI, and OSX. The multi-platform model is the most versatile. It will convert any keyboard and mouse to any other. It works with PS/2, USB, Apple, Sun, and UNIX workstations. The PC models work with all standard USB, PS/2, and UNIX workstations with PC-style keyboard and mouse connectors. MultiVideo can be chained together to support up to 64 computers, or more. For greater capability, please contact Rose.

**Cables** Rose's UltraCable streamlines the cable connections to MultiVideo, simplifying cable management and improving system reliability. Order the computer or user cable by the computer's keyboard, monitor, and mouse connector style and desired length. We stock a large variety of cable types in lengths up to 100 feet. You should specify standard resolution (1024x768 or less) or high resolution (greater than 1024x768). The connection to the extra video port connects to DB25 connectors on the MultiVideo. You can order the correct video cable for PC, Apple, Sun, BNC, or any video type that you have.

**Installation** MultiVideo is easy to install. You simply connect your computer's keyboard, video ports, and mouse to MultiVideo's ports using UltraCable.

**Keyboard and Mouse** MultiVideo fully emulates the keyboard and mouse. PC-platform models can use any combination of PS/2, PS/2 wheel, USB, and serial mice. Multi-platform models add support for Apple (ADB) and Sun (mini-din8).

**Keyboard commands** You can issue simple keyboard commands to switch to a computer, switch to the previous computer and to turn the scan mode on and off. In addition there are many more commands to fine tune your application.

**On-screen menu** You can add an optional on-screen display card to MultiVideo. The interface is intuitive since it uses pop-up menus to make selections. Help lines are shown for each item to make the interface even more user-friendly. You can easily configure the computer names, security, appearance, screen saver, and many other features with ease and style. Use the menus to configure the unit, connect to computers by name, and see to which computer you are connected.

**Security** When the OSD option is installed, you can set separate configuration and access passwords to prevent unauthorized use of the switch. There is also an access timeout which will disconnect a computer if there is no keyboard and mouse activity for an adjustable time interval.

**Audio and touchscreen** Multi-platform products have audio or touchscreen switching support. You can switch stereo speakers and a microphone or a touchscreen to any computer. The UltraCable cables provide an elegant connection method.

**Flash Memory** MultiVideo contains flash memory which means it will never become obsolete. Rose Electronics provides free, lifetime firmware upgrades. You can download the new firmware from the Rose web site at [www.rose.com](http://www.rose.com) to add new features and support new equipment.

**Options** To locate your computer or KVM further than 20 feet, use our coax high-resolution cables, ViewLink extenders for coax, or CrystalView extenders to go as far as 1,000 feet on CAT5 and 10 km on fiber.

### Part Numbers

Part number	Platform	CPU's	Monitors	Chassis
MPM-2U2V	PC	2	2	M (mini)
MPB-4U2V	PC	4	2	B (1U)
MPC-2U4V	PC	2	4	C (2U)
MPC-4U4V	PC	4	4	C (2U)
MPC-8U2V	PC	8	2	C (2U)
MEM-2U2V	Multi	2	2	M (mini)
MEB-4U2V	Multi	4	2	B (1U)
MEC-2U4V	Multi	2	4	C (2U)
MEC-4U4V	Multi	4	4	C (2U)
MEC-8U2V	Multi	8	2	C (2U)
/OV	on-screen display option (add to part number)			

### RackMount

RM-UMnn	M chassis rack mount kit, nn= 19", 23", or 24"
RM-UBnn	B chassis rack mount kit, nn= 19", 23", or 24"
RM-UCnn	C chassis rack mount kit, nn= 19", 23", or 24"

### Specifications

Size:	M chassis 8.8" x 4.85" x 1.75" 22.3 x 12.3 x 4.4 cm.
	B chassis 16.7" x 4.85" x 1.75" 42.4 x 12.3 x 4.4 cm.
	C chassis 16.7" x 4.85" x 3.50" 42.4 x 12.3 x 8.9 cm.
Weight	2/4 port M chassis 4 lb. (1.8 kg.) 4 port B chassis 6 lb. (2.7 kg.) 4/8 port C chassis 7 lb. (3.2 kg.) 12/16 port C chassis 8 lb. (3.6 kg.)
Power	Auto Switching, 90 - 240 VAC, 60 watts
Connectors	Power: IEC 320 standard receptacle CPU/KVM connector: DB25 female RS232: RJ 6 conductor Video ports: DB25
Video bandwidth	250 MHz
Video sync	Accepts HV, composite, and sync-on-green
Rack mount kits	19", 23", or 24"
Chassis	Electro galvanized steel, black powder coated
Controls	Lighted Power On / Off Switch
Indicators	LEDs: Power, 4-16 select, 4-16 CPU power
Environmental	0 - 55° C, 5%-80% non-condensing RH
Approvals	UL, cUL, TUV, CE



Rear View - MPB-4U2V (top) / MPC-4U4V (bottom)

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