



OmniView™

USB KVM Switch with Audio

Control up to four computers from one USB keyboard, mouse, and monitor



belkin.com

Belkin Corporation
501 West Walnut Street
Compton • CA • 90220 • USA
Tel: 310.898.1100
Fax: 310.898.1111

Belkin Components, Ltd.
Express Business Park
Shipton Way • Rushden • NN10 6GL
United Kingdom
Tel: +44 (0) 1933 35 2000
Fax: +44 (0) 1933 31 2000

Belkin Components B.V.
Starparc Building • Boeing Avenue 333
1119 PH Schiphol-Rijk • The Netherlands
Tel: +31 (0) 20 654 7300
Fax: +31 (0) 20 654 7349

Belkin Components, Ltd.
7 Bowen Crescent • West Gosford
NSW 2250 • Australia
Tel: +61 (0) 2 4372 8600
Fax: +61 (0) 2 4372 8603

Belkin Tech Support
US: 310.898.1100 ext. 2263
800.223.5546 ext. 2263
Europe: 00 800 223 55 460
Australia: 1800 666 040

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User Manual
SOHO Series

F1DS102U
F1DS104U

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INTRODUCTION

Congratulations on your purchase of the Belkin OmniView SOHO Series USB KVM Switch with Audio. Our diverse line of quality KVM solutions exemplifies the Belkin commitment to delivering high-quality, durable products at a competitive price. Engineered to give you control over multiple computers/servers from one console, Belkin KVM Switches come in a variety of capacities suitable for all configurations, large or small. This compact, affordable Belkin OmniView KVM Switch is backed by a Belkin Five-Year Warranty and free technical support.

This manual will provide details about your new Switch, from installation and operation, to troubleshooting—in the unlikely event of a problem.

For easy installation, please refer to the Quick Installation Guide included with your KVM Switch.

Thank you for purchasing the Belkin OmniView SOHO Series USB KVM Switch with Audio. We appreciate your business and have confidence that you will soon see for yourself why over 1 million Belkin OmniView KVM Switches are being used worldwide.

Contents of Package:

- OmniView SOHO Series USB KVM Switch with Audio
- Attachable Base
- DB25 to RJ45 Flash Cable
- User Manual
- Quick Installation Guide
- Registration Card
- 9V DC, 1A Power Supply

OVERVIEW

Feature Overview

The OmniView SOHO Series USB KVM Switch with Audio (the KVM Switch) allows you to control up to four computers, with one USB keyboard and USB mouse and a VGA, SVGA, XGA, or XGA-2 video monitor.

USB Hot Keys

Hot keys allow you to select ports using designated key commands from your USB keyboard. Control up to two (for the 2-port unit) or four (for the 4-port unit) computers, using a simple hot key sequence on your keyboard.

AutoScan

The AutoScan feature allows you to automatically scan and monitor the activities of all operating computers connected to your KVM Switch, one by one.

Video Resolution

With a 400MHz bandwidth, the KVM Switch supports video resolutions of up to 2048x1536@85Hz. To preserve signal integrity at high resolutions, 75-Ohm coaxial VGA cabling is required.

Flash Upgrade

Flash upgradeability allows you to obtain the latest firmware upgrades for your KVM Switch. These upgrades will let your KVM Switch continue to be compatible with the latest devices and computers. Firmware upgrades are free for the lifetime of the product. Visit belkin.com for upgrade information and support, or see the enclosed instruction document.

Microphone/Audio Support

The KVM Switch supports USB-type speakers and microphones and has built-in microphone and speaker jacks to support the growth of multimedia use in small-office and home-office environments. This feature eliminates the need to disconnect and reconnect these devices when switching between computers, and reduces the clutter on your desktop with fewer speakers.

OVERVIEW

Direct-Access Port Selectors

Direct-access port selectors, conveniently located on the front face of the KVM Switch, allow for simple, manual port selection.

Cable Management

The designed enclosure offers built-in cable management to contain connected cables. Once the cables have been connected and the shroud slid into place, the cables are conveniently maintained through the back opening.

LED Display

An LED display is added to the face of the KVM Switch for easy status monitoring. A lit LED indicates which computer the console has control of. The corresponding direct-access port selector is located next to the LED. When pushed, the LED should light next to the port selector.

USB Device Ports

Two USB device ports allow you to add shared peripherals. This reduces cable clutter and eliminates the need to disconnect and reconnect devices when switching between computers.

OVERVIEW

Equipment Requirements

Cables

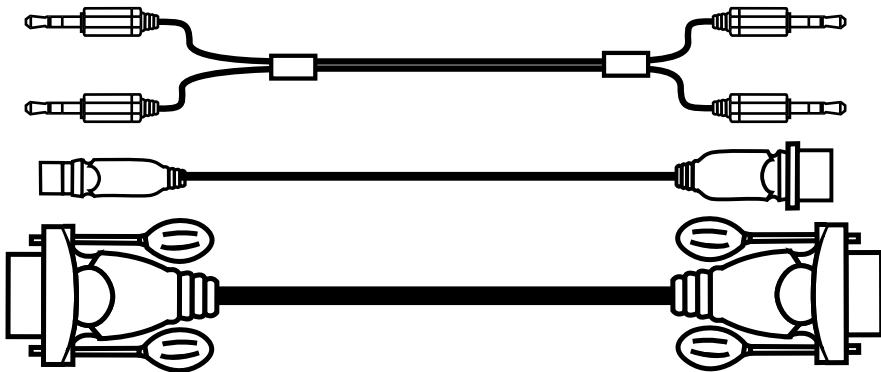
For each USB computer to be connected to the KVM Switch, one VGA cable and one USB cable is necessary.

To support resolutions of up to 2048x1536@85Hz, use of a 75-Ohm coaxial VGA cable is required to preserve signal integrity. Cables must have HDDB15 female to HDDB15 male connectors.

Belkin OmniView KVM Cables for SOHO Series with Audio offer the highest quality possible to ensure that your data is optimally transmitted and include PC99 color-coded connectors for easier identification and connection. Double-shielded, strain-relief constructed KVM Cables for SOHO Series include an industry-standard, 14-pin, coaxial, VGA cable, ferrite bead, and nickel-plated connectors for high-resolution applications. The following cables are recommended for your KVM Switch:

F1D9101-XX (USB Style)

-XX denotes the length in feet.



Available in 6- and 10-foot lengths.

OVERVIEW

Operating Systems

Your KVM Switch is for use on CPUs using:

Platforms

- Windows® 98/2000/Me/XP, Mac® OS*, Linux**
- *with USB support

Keyboards

- Supports 101-/102-/104-/107-key USB keyboards

Mice

- USB-compatible USB mice with 2, 3, 4, or 5 buttons

Monitors

- VGA
- SVGA
- MultiSync®

Microphone

- Multimedia microphone with 3.5mm connectors

Audio

- Multimedia speaker/stereo with 3.5mm connectors

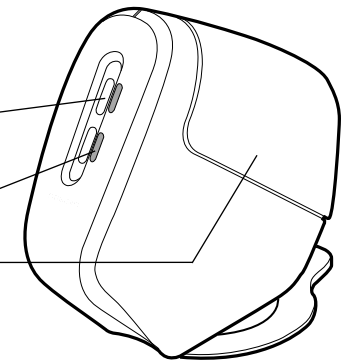
Power Supply

- 9V 1A power supply required

Unit Display Diagrams

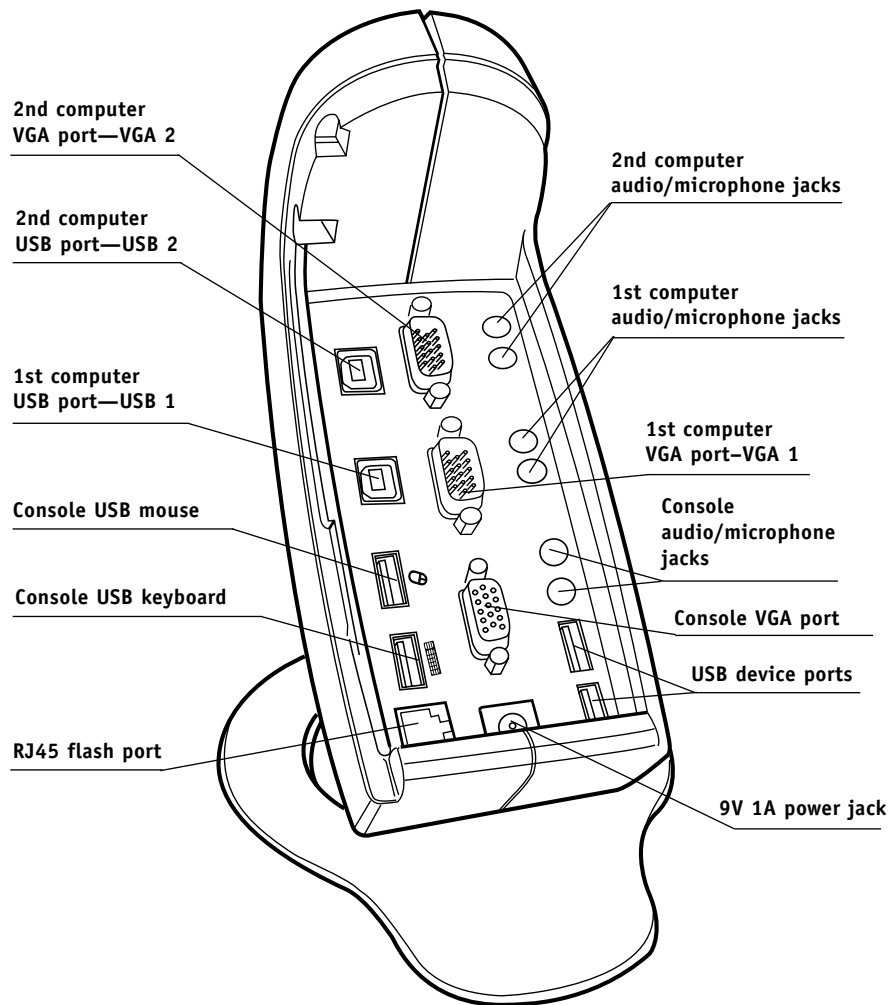
The front of the KVM Switch

- Direct-access port selector
- LED for identification of selected port
- Removable shroud



OVERVIEW

The back of the KVM Switch:



OVERVIEW

Where to Place the KVM Switch

The compact size of the KVM Switch makes it perfect for desktop placement. Consider the following when deciding where to place the KVM Switch: whether or not you intend to use the direct-access port selectors; the length of the cables attached to your keyboard, mouse, and monitor; the location of your CPUs from your Console; and the length of the cables you will use to connect your computers to the KVM Switch.

Cable Distance Requirements

USB signals are the strongest when transmitted up to 15 feet between the KVM Switch and the CPU. Beyond 15 feet, probability of signal degradation increases, which can cause the device to fail.

Cautions and Warnings

Avoid having cables near fluorescent lights, air conditioning equipment, or machines that create electrical noise (e.g., vacuum cleaners).

OVERVIEW

Specifications

Part No.: F1DS102U, F1DS104U

Power: 9V DC, 1A AC adapter (required)

PCs Supported: 2 (F1DS102U), 4 (F1DS104U)

Monitor Supported: VGA and SVGA MultiSync, LCD

Max Resolution: 2048x1536@85Hz

Keyboard Input: USB

Mouse Input: USB

USB Device Ports: 2

Audio Input/Output: 3.5mm jack (stereo)

Microphone Input/Output: 3.5mm jack

VGA Port: 15-pin HDDB type

LED Indicators: 2 (F1DS102U), 4 (F1DS104U)

Enclosure: high-impact plastic

Dimensions:

F1DS102U

6.75 (h) x 4.25 (w) x 7.75 (d) inches

F1DS104U

7.75 (h) x 4.75 (w) x 9.5 (d) inches

Weight:

F1DS102U 1.5 lbs.

F1DS104U 2.0 lbs.

Operating Temp: 32° to 104° F

Storage Temp: -4° to 140° F

Humidity: 0-80% RH, non-condensing

Warranty: 5 years

Note: Specifications are subject to change without notice.

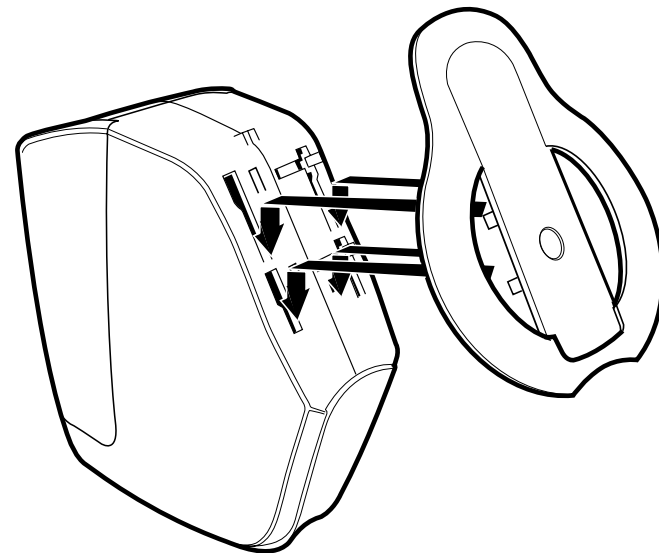
STEP-BY-STEP INSTALLATION GUIDE

This section provides complete instructions for the hardware setup of a single KVM Switch. (F1DS102U, F1DS104U)

Installing the KVM Switch Base

Hold the main housing with one hand and the base with the other.

With the narrow part of the base facing toward the rear of the housing, align the hooks of the base to the base holes located underneath the housing. Put the hooks through the holes and push the base toward the front of the housing to lock the base into place. Please refer to diagram for assistance.



STEP-BY-STEP INSTALLATION GUIDE


Installing the HID USB Driver

Note: On some computers, you must enable USB support on your system BIOS. Please reference your computer manufacturer's manual or motherboard manual to verify that USB support is enabled.


1. Connect the 9V, 1A power adapter to the KVM Switch.
2. Boot up the computer you wish to connect via USB as you would normally with the USB keyboard, monitor, and USB mouse connected directly to the computer.
3. After the operating system finishes loading, using a standard USB A-to-B cable, insert the end with the B-type connector to the KVM Switch. Insert the other end of the cable with the A-type connector to an available port on your USB computer. Your computer should recognize your KVM Switch and automatically install the HID USB driver. Once the driver is installed, you can power down your computer.
4. Repeat steps 1 through 3 for each additional USB computer you wish to connect to the KVM Switch.

STEP-BY-STEP INSTALLATION GUIDE


Connecting the Console

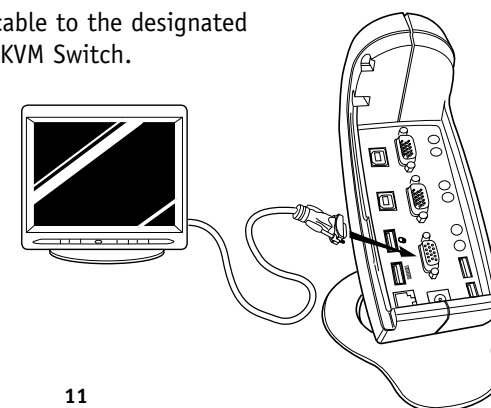
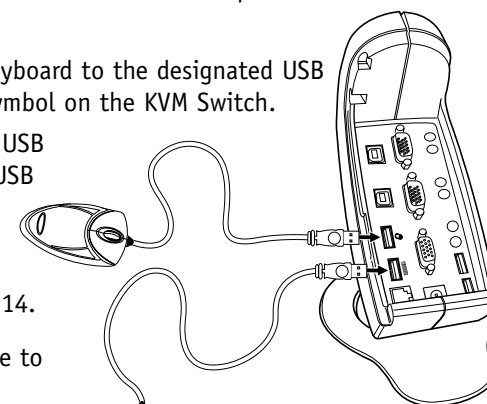
1. Power down your computers.
2. Remove the rear panel of the KVM Switch to expose the ports.
3.  Connect the USB keyboard to the designated USB port with the keyboard symbol on the KVM Switch.

Note: You must connect the USB keyboard to the designated USB connector to have keyboard hot key switching functions. For more information on keyboard hot keys, see page 14.

4.  Connect the USB mouse to the designated USB port with the mouse symbol on the KVM Switch.
5. Connect any USB devices you wish to share to the USB hub labeled "Device 1, Device 2" on the KVM Switch.

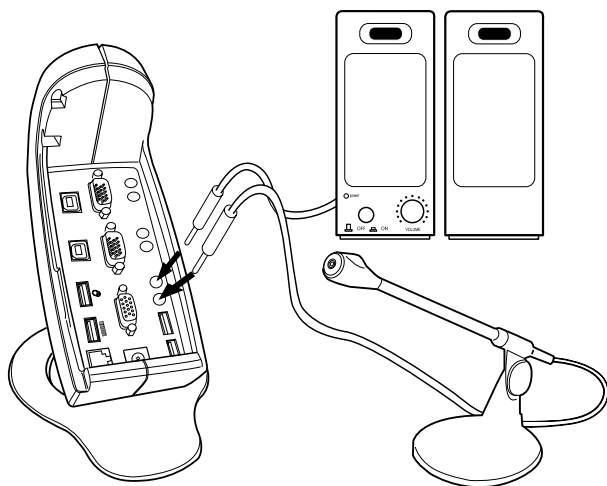
Note: When sharing USB storage devices, CD-RWs, or hard drives, do not switch while operating.

6.  Connect the monitor cable to the designated "Console VGA" port on the KVM Switch.



STEP-BY-STEP INSTALLATION GUIDE

- Using the audio cable attached to your speakers, connect the male 3.5mm plug to "audio" on the Console of your KVM Switch. (This step is not required to use the KVM Switch.)
- Using the mic cable attached to your microphone, connect the male 3.5mm plug to "mic" on the Console of your KVM Switch. (This step is not required to use the KVM Switch.)

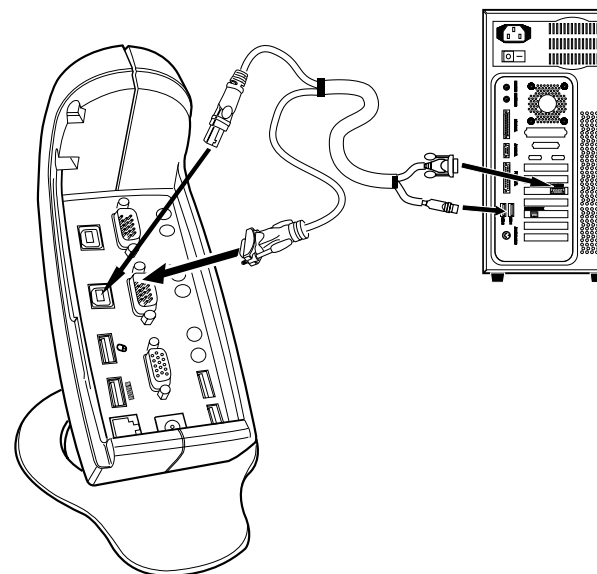


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STEP-BY-STEP INSTALLATION GUIDE

Connecting the PCs

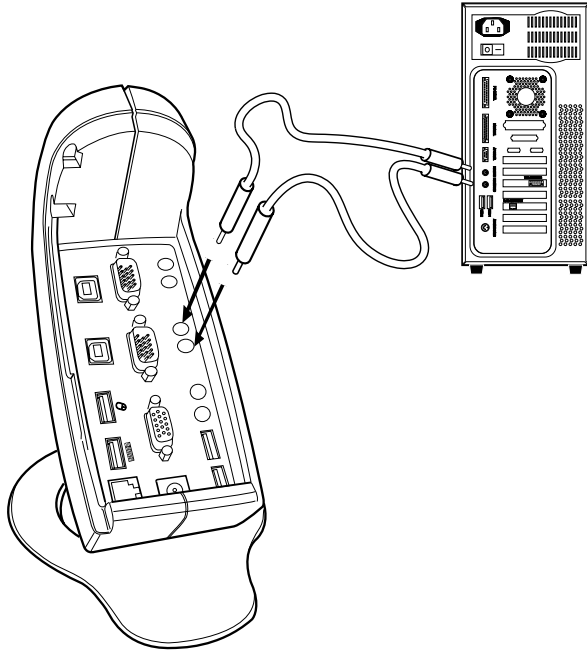
- Power up the computers. Once the operating system has loaded, connect the KVM Switch and the computer using the USB cable. The operating system will automatically install the KVM Switch.



- Shut down your computer. Take the VGA cable and connect the male end of the cable to the VGA port on the back of the computer. Connect the female end of the VGA cable to the back of the KVM Switch for CPU1. Do this for all computers.

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STEP-BY-STEP INSTALLATION GUIDE



- Using the audio cable, connect one end of the male 3.5mm plug to the "Speaker Out" jack of your sound card or computer, and connect the other end of the "audio" jack of your KVM Switch.
- Using a second audio cable, connect one end of the male 3.5mm plug to the "Mic Out" jack of your sound card or computer, and connect the other end of the "mic" jack of your KVM Switch.

Powering Up the Systems

Once all cables have been connected, turn on all CPUs that are attached to the KVM Switch. All computers can be powered on simultaneously. Your KVM Switch should be ready for use.

USING YOUR SOHO SERIES USB KVM SWITCH

You can select which computer to operate by either the direct-access port selector located on the front panel of the KVM Switch or through keyboard hot key commands. Note that it will take 1–2 seconds for the video to display after switching. This is due to the refresh rate of the video signal. There is also re-synchronization of the mouse and keyboard signal that takes place. This is normal operation and ensures that proper synchronization is established.

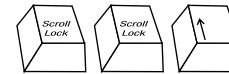
Selecting a Computer Using Direct-Access Port Selectors

You can directly select which computer you wish to control by pressing the corresponding direct-access port selector next to the appropriate port. The LED will be lit to indicate that the port is currently selected.

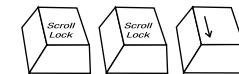
Selecting a Computer Using Keyboard Hot Key Commands

Note: You must connect the USB keyboard to the designated USB connector to have keyboard hot key switching function on the keyboard.

You can command the KVM Switch to switch ports with a simple keyboard command sequence by using the [SCROLL LOCK] key and [UP], [DOWN] arrow keys. To send commands to the KVM Switch, the [SCROLL LOCK] key must be pressed twice within two seconds. You will hear a beep for confirmation. Then you can press the [UP], [DOWN] arrow keys to switch between ports.

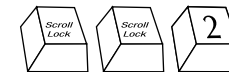


Switch to next active port,
[UP] arrow

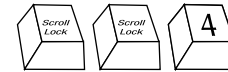


Switch to previous active port,
[DOWN] arrow

You can switch directly to any port by entering the port number of the port you wish to use. For example, if you press [SCROLL LOCK], [SCROLL LOCK], [2], the computer on port 2 will be selected.



Switch to port 2—#2 key



Switch to port 4—#4 key

USING YOUR SOHO SERIES USB KVM SWITCH

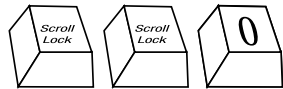
AutoScan Mode

In AutoScan mode the KVM Switch remains on one port for 10 seconds before switching to the next. This time interval cannot be changed.

To enable AutoScan mode press [SCROLL LOCK], [SCROLL LOCK], [0], [0]

Note: There is no mouse or keyboard control in this mode. This is necessary to prevent errors. Otherwise, if the user is moving the mouse or using the keyboard when the KVM switches to the next port, communication between the computer and KVM Switch could be interrupted and cause erratic mouse movement, or wrong characters to display when using the keyboard.

To disable AutoScan mode, press the space bar.



Enable AutoScan mode—#0 key

Connecting USB Devices to the Built-In 2-Port Hub

The KVM Switch includes a built-in 2-port USB device hub that allows you to connect two additional shared peripherals. When you connect any USB device to the KVM Switch, that device can be accessed through whichever computer you are currently using.

Note: This is not suitable for storage devices such as LS-120 drives and Zip® drives because you cannot dynamically switch ports and disconnect a mounted storage device when it is in use by the operating system. For example, you are working on computer 1 with a file open that is stored on a Zip drive connected to the KVM Switch. If you switch to computer 2 while the file is still open, you will get a “file lost or corrupted” error message on computer one. The same will occur when you are using a streaming device such as the Belkin VideoBus USB video capture device. You can switch from one computer safely to the next, only if the VideoBus is no longer in use by the first computer. You will notice that after the USB KVM switches to another computer, the mouse remains inoperative for one or two seconds. This is normal, and ensures that proper USB synchronization is established.

BELKIN KVM SWITCHES AND ACCESSORIES

OmniView KVM Switches

OmniView E Series

These KVM devices allow you to control two or four computers from one console and make switching between computers more convenient. Designed for compatibility with your PS/2 platform, they reduce desktop clutter and provide a simple, reliable solution at a lower price point. High-quality resolution of up to 2048x1536@85Hz is supported through the E Series KVM Switch when used with coaxial VGA cabling, offering the highest resolution without compromising the quality of the display. Power for the KVM Switch draws off of the keyboard, meaning no power supply is necessary and less cables to hassle with. Other standard features found on this unit include: hot key functionality; PS/2 keyboard and mouse emulations for error-free boot up; and a Belkin Two-Year Warranty.

F1DB102P E Series 2-Port KVM Switch, PS/2

F1DB104P E Series 4-Port KVM Switch, PS/2

OmniView SOHO Series with Audio

This innovative design provides built-in cable management and uses little space while adding a whole new sculpted look to your desktop. The PS/2 KVM switch allows you to control two or four computers from one console. Its convenient PS/2 compatibility makes it ideal for use with PS/2 computers. The greatest interface flexibility is yours with PS/2 and USB switches. They offer you expanded compatibility with either interface, or both, along with the additional convenience of direct-access port selectors on the face of the switch. The USB KVM Switch offers support for USB computers and consoles. It includes a built-in, 2-port USB device hub that allows you to connect additional shared peripherals. Switch between speakers and microphones without having to unplug and re-plug them when switching computers. The flash feature allows users to download firmware updates to ensure compatibility with the latest computers and devices. The designed enclosure offers cable management in a neat and convenient manner. High-quality resolution of up to 2048x1536@85Hz is supported by the SOHO Series KVM Switch when used with coaxial VGA cabling, offering the highest resolution without compromising the quality of the display. Other standard features found on this unit include: hot key functionality; keyboard and mouse emulations for error-free boot up; and a Belkin Five-Year Warranty.

F1DS102P SOHO Series 2-Port KVM Switch with Audio, PS/2

F1DS104P SOHO Series 4-Port KVM Switch with Audio, PS/2

F1DS102U SOHO Series 2-Port KVM Switch with Audio, USB

F1DS104U SOHO Series 4-Port KVM Switch with Audio, USB

F1DS102T SOHO Series 2-Port KVM Switch with Audio, PS/2 & USB

F1DS104T SOHO Series 4-Port KVM Switch with Audio, PS/2 & USB

BELKIN KVM SWITCHES AND ACCESSORIES

OmniView PRO2 Series with On-Screen Display

OmniView PRO2 Series KVM Switches deliver reliability, performance, and centralized control necessary for today's enterprise environment. This series of KVM Switches enables you to control multiple platform servers from a single console. Available in the desktop-style, 4-port, and the 19-inch rack-mountable, 8- and 16-port models, the OmniView PRO2 Series KVM Switch expands easily for full control of as many as 256 CPUs through dedicated daisy-chain ports. Video resolutions of up to 2048x1536@85Hz are supported through a 400MHz bandwidth. On-Screen Display allows you to name and select attached servers using an on-screen interface. Switch between ports by using hot key commands or direct-access port selectors. The PRO2 Series uses standard cables for easy installation; includes a 12-volt DC, 1-Amp power supply; and is backed by a Belkin Five-Year Warranty.

F1DA104T PRO2 Series 4-Port KVM Switch with On-Screen Display, PS/2 & USB

F1DA108T PRO2 Series 8-Port KVM Switch with On-Screen Display, PS/2 & USB

F1DA116T PRO2 Series 16-Port KVM Switch with On-Screen Display, PS/2 & USB

OmniView MATRIX2 Series with Dual-Console Control

OmniView MATRIX2 Series 8- and 16-Port KVM Switches enable two administrators to control up to eight or 16 PS/2 and USB platform servers, separately or simultaneously. Each user operates a separate console following a different bus path for complete independence from the other console. The OmniView MATRIX2 Series KVM Switch expands easily for full control of as many as 256 computers through dedicated daisy-chain ports and is natively rack-mountable for server room environments. Video resolutions of up to 2048x1536@85Hz are supported through a 400MHz bandwidth. On-Screen Display allows you to name and select attached servers using an on-screen interface. Switch between ports by using hot key commands or direct-access port selectors. The MATRIX2 Series uses standard cables for easy installation; includes a 12-volt DC, 1-Amp power supply; and is backed by a Belkin Five-Year Warranty.

F1DM208T MATRIX2 Series 8-Port KVM Switch with Dual-Console Control, PS/2 & USB

F1DM216T MATRIX2 Series 16-Port KVM Switch with Dual-Console Control, PS/2 & USB

BELKIN KVM SWITCHES AND ACCESSORIES

OmniView KVM Cables

OmniView KVM Cables provide you with the quality connections necessary to set up your KVM solution. Each kit provides the proper cables and connectors to complete the installation of a Belkin OmniView KVM Switch. OmniView KVM Cables feature sturdy, strain-relief construction and PVC overmolding to prevent data loss. Use of 20-gauge wire delivers the high-performance cable that users have come to identify with the Belkin name. A ferrite bead reduces electromagnetic and radio frequency interference (EMI/RFI). PC99 color-coded connectors and modified thumbscrews have been added for easier installation.

OmniView E Series KVM Cables

Belkin E Series Cables allow you to connect all your PS/2 computers to your KVM switch while offering high performance.

- Industry-standard, 14-pin coaxial VGA cabling
- Nickel-plated connectors
- Gray PVC Flextec jacket

Work with OmniCube™, OmniView SE, PRO, MATRIX, E, SOHO, PRO2 Series, and many other KVM switches.

F1D9000-XX, PS/2 Style

OmniView SOHO Series KVM Cables With Audio

SOHO Series Cables provide you with the proper connection between your computers, speakers, and microphones, and your SOHO Series KVM Switch.

- Industry-standard, 14-pin coaxial VGA cabling
- One All-In-One 3.5mm audio/mic cable
- Nickel-plated connectors
- Gray PVC Flextec jacket

Work with OmniView SOHO Series KVM Switches.

F1D9100-XX, PS/2 Style

F1D9101-XX, USB Style

BELKIN KVM SWITCHES AND ACCESSORIES

OmniView PRO Series Plus All-In-One KVM Cables

Belkin PRO Series Plus Cables allow you to easily connect all your computers and servers to your OmniView KVM Switches, and are molded together for better cable management.

- All-In-One molded design for cable management
- Industry-standard, 14-pin coaxial VGA cable
- Nickel-plated connectors
- Gray PVC Flextec jacket

Work with OmniCube, OmniView SE, PRO, MATRIX, E, SOHO, PRO2 Series, and many other KVM switches.

F3X1105-XX, PS/2 Style

F3X1962-XX, USB Style

OmniView MATRIX Series All-In-One KVM Cables

Belkin MATRIX Series Cables provide optimum connectivity between each of your servers and your MATRIX2 Series KVM Switches. The MATRIX Series Cables use advanced micro-cable construction to deliver fast and reliable data transfers.

- Advanced, micro-cable construction
- All-In-One molded design for cable management
- Industry-standard, 14-pin coaxial VGA wiring
- Nickel-plated connectors
- Gray PVC Flextec jacket

Work with OmniView MATRIX2 Series KVM Switches.

F1D9300-XX, PS/2 Style

F1D9301-XX, USB Style

BELKIN KVM SWITCHES AND ACCESSORIES

OmniView Gold Series All-In-One KVM Cables

Belkin Gold Series Cables offer the highest-possible cable performance, providing maximum conductivity and error-free data transmission. These cables allow you to easily connect all your computers and servers to your OmniView KVM Switches, and are molded together for better cable management.

- All-In-One molded design for cable management
- Custom, 15-pin coaxial VGA cabling
- 24K gold-plated connectors
- Black PVC Flextec jacket

Work with OmniCube, OmniView SE, PRO, MATRIX, E, SOHO, PRO2 Series, and many other KVM switches.

F3X1835-XX-GLD, PS/2 Style

F3X1895-XX-GLD, USB Style

OmniView Daisy-Chain Cables

These cables let you daisy-chain multiple KVM switches together to expand the size of your PRO2 or MATRIX2 Series KVM configuration. Made of premium wires and coaxial VGA lines, these cables preserve signal integrity from the first to the last computer.

For PRO2: F1D108-CBL (Available in lengths of 2 and 6 feet)

For MATRIX2: F1D9302-XX (Available in lengths of 1, 3, and 5 feet)

(-XX denotes the length in feet)

BELKIN KVM SWITCHES AND ACCESSORIES

OmniView KVM Accessories and Adapters

Belkin KVM technology includes various accessories and adapters to complete your KVM solution. The adapter series converts Mac®, Sun™, or USB keyboards, video, and mouse signals into PS/2 and VGA.

F1D080 – **The OmniView PS/2 Mac Adapter™** converts a Macintosh® computer with a 4-pin ADB™ (Apple® Desktop Bus) and DB15 connector into a PS/2 keyboard, HDDB15 VGA monitor, and PS/2 mouse.

F1D082 – **The OmniView PS/2 Sun Adapter™** converts a Sun 8-pin keyboard/mouse and 13W3 video into a PS/2 keyboard, PS/2 mouse, and VGA monitor.

F1D084 – **The OmniView CAT5 Extender** enables you to control a PC or KVM switch up to 500 feet (152.4m) away using standard UTP CAT5 cabling.

F1D087 – **The OmniView Keyboard Extender** allows you to extend your keyboard up to 250 feet (76.2m) away.

F1D088 – **The OmniView VGA Monitor Extender** bridges up to 250 feet (76.2m) of distance between your PC and monitor.

F1D089 – **The OmniView Keyboard Splitter** allows you to work with two kinds of PS/2 keyboards and pointing devices without swapping cables or rebooting the computer.

F1D090 – **The OmniView Mouse Splitter** allows you to work with two kinds of PS/2 mice or trackballs without swapping cables or rebooting the computer.

F1D201 – **The OmniView 2-Port Reverse KVM Switch** gives two users central control of one PC from two sets of keyboards, monitors, and mice.

F5U119 – **The Belkin PS/2-to-USB Adapter** converts PS/2 keyboard and mouse signals to USB format.

F1DR200 – **The OmniView SOHO Series 2-Port Replacement Kit** includes shroud, base, flash cable, two PS/2 extension cables, and SOHO Series User Manual.

F1DR400 – **The OmniView SOHO Series 4-Port Replacement Kit** includes shroud, base, flash cable, two PS/2 extension cables, and SOHO Series User Manual.

OmniView Power Supplies

F1DS001-PWR – 9V AC, 1A

F1D084-PWR – 9V AC, 500mA

F1D065-PWR – 9V DC, 600mA

F1D108-PWR – 12V DC, 1A

FAQs

Q: What operating systems does the KVM Switch support?

A: The KVM Switch will support any operating system that runs in a USB platform. Operating systems include, but are not limited to, Windows 98/2000/Me/XP, Linux, and Mac OS.

Q: What does flash-upgradeable mean?

A: With flash-upgrade capability, you can update your KVM Switch's firmware at any time through a simple parallel connection. Internet-upgrade capability ensures that your KVM Switch is always the most current version on the market with the latest features and enhancement.

Q: What is the maximum video resolution that the KVM Switch supports?

A: The advanced video circuit in the KVM Switch supports a maximum resolution of 2048x1536@85Hz.

Q: What video bandwidth does the KVM Switch support?

A: The KVM Switch supports 400MHz video bandwidth.

Q: How far can the computer be from the KVM Switch?

A: When using USB connection between your KVM Switch and computer, we recommend that your computer be no more than 15 feet (5 meters) away

Q: Does the KVM Switch support Microsoft® IntelliMouse®?

A: The KVM Switch supports mice from Microsoft, Logitech®, Kensington®, and Belkin. Please contact Belkin Technical Support for compatibility issues you may experience.

FAQs

Q: Does the KVM Switch support the volume up, volume down, mute, and eject keys?

A: No, the KVM Switch will not support these keys.

Q: Does the KVM Switch support Microsoft keyboards?

A: Yes, the KVM Switch is compatible with Microsoft Internet Keyboard PRO, Natural[®] Keyboard PRO, and Logitech keyboards with up to standard 107-key support only.

Q: Does the KVM Switch support wireless mice and keyboards?

A: Yes, the KVM Switch supports wireless mice and keyboards.

Q: How does the KVM Switch user switch between ports?

A: The KVM Switch supports two methods of port selection. The user can select computers using specially designated keyboard hot keys, or independently access the desired port by pushing the direct-access port selectors. For keyboard hot key functions, the Console keyboard must be connected to the designated keyboard port.

Q: Does the KVM Switch require a power supply?

A: Yes, the KVM Switch requires a 9V DC, 1A AC power adapter to function properly.

Q: How long is the warranty for the KVM Switch?

A: The KVM Switch comes with a five-year limited warranty.

Q: Can I attach a USB hub to the device ports on the KVM Switch to share more peripherals?

A: Yes, but only if the USB hub is powered by its own power adapter.

TROUBLESHOOTING

GENERAL

My computer does not boot up when connected to the KVM Switch but works fine when I connect the USB keyboard, video, and USB mouse directly to the computer.

- Make sure that the USB cable is properly connected between the KVM Switch and the computer.
- Make sure that the USB keyboard and USB mouse are properly connected on the Console.

VIDEO

I am getting ghosting, shadowing, or fuzzy images on my monitor.

- If you are running high-resolution applications, use high-quality cables to preserve signal integrity for maximum reliability.
- Check that all video cables are inserted properly.
- Check that the monitor you are using supports the resolution and refresh-rate setting on your computer.
- Check that the graphics card you are using supports the resolution and refresh-rate setting on your computer.

I am getting a black screen on my monitor.

- Check that all video cables are inserted properly.
- Make sure the 9V DC, 1A AC adapter is connected to the KVM Switch.
- Connect your monitor directly to the computer to verify that your monitor is functioning properly.
- Make sure the monitor you are using supports the resolution and refresh-rate setting on your computer.

TROUBLESHOOTING

KEYBOARD

The computer does not detect a keyboard and I get a keyboard error reported at boot up.

- Activate USB support on boot up on the BIOS.
- Try using a different keyboard.
- Try connecting the computer to a different port on the KVM Switch.
- Try connecting the USB cable to a different port on the computer.
- Check that the USB cable between the KVM Switch and the computer are properly connected.

There is a loud, long beep coming from the KVM Switch.

- Make sure the USB keyboard is properly connected to the specified USB keyboard port on the KVM Switch.
- Check that the USB cable between the KVM Switch and the computer are properly connected.
- Disconnect and reconnect the power jack.

I cannot get the keyboard hot keys to function on my KVM Switch.

- Make sure that the keyboard is connected properly to the designated USB keyboard port on the KVM Switch.
- Try another keyboard.

Some of the keys on my keyboard are not functioning properly when I use a Mac computer.

- Because you are using a PC keyboard on a Mac system, a few of the option keys on your PC keyboard may be reversed. All major keys will have their functions labeled.

TROUBLESHOOTING

MOUSE

The mouse is lost when I switch to a different port.

- Check that the USB mouse you are using is connected properly to the Console of the KVM Switch.
- Disconnect and reconnect the USB cable attached to the channel with which you are experiencing problems to re-synchronize the mouse connection.
- Make sure the mouse works when directly plugged into the computer.
- If the computer is coming out of standby mode, allow up to one minute to regain mouse function.
- Deactivate power-management schemes on the PC with which you are experiencing problems.
- Uninstall any mouse software on your computer.
- Try a different mouse.

The computer boots up, but the mouse does not work.

- Make sure the mouse is properly connected to the Console.
- Disconnect and reconnect the mouse cable attached to the channel with which you are experiencing problems to re-synchronize the mouse connection.
- Connect the mouse to ports located on the Console.
- Try a different mouse.

WARRANTY, FCC, ICES, AND CE STATEMENTS

FCC Statement

DECLARATION OF CONFORMITY WITH FCC RULES FOR ELECTROMAGNETIC COMPATIBILITY

We, Belkin Corporation, of 501 West Walnut Street, Compton, CA 90220, declare under our sole responsibility that the products:

F1DS102U
F1DS104U

to which this declaration relates:

Comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CE Declaration of Conformity

We, Belkin Corporation, declare under our sole responsibility that the products F1DS102U and F1DS104U, to which this declaration relates, are in conformity with Emissions Standard EN55022 and with Immunity Standard EN55024, LVP EN61000-3-2, and EN61000-3-3.

ICES

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Belkin Corporation Limited Five-Year Product Warranty

Belkin Corporation warrants this product against defects in materials and workmanship for its warranty period. If a defect is discovered, Belkin will, at its option, repair or replace the product at no charge provided it is returned during the warranty period, with transportation charges prepaid, to the authorized Belkin dealer from whom you purchased the product. Proof of purchase may be required.

This warranty does not apply if the product has been damaged by accident, abuse, misuse, or misapplication; if the product has been modified without the written permission of Belkin; or if any Belkin serial number has been removed or defaced.

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