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2 Port Professional USB KVM Switch Kit with Cables
4 Port Professional USB KVM Switch

SV231USB
SV431USB



DE: Bedienungsanleitung - de.startech.com
FR: Guide de l'utilisateur - fr.startech.com
ES: Guía del usuario - es.startech.com
IT: Guida per l'uso - it.startech.com
NL: Gebruiksaanwijzing - nl.startech.com
PT: Guia do usuário - pt.startech.com

For the most up-to-date information, please visit: www.startech.com

Manual Revision: 03/17/2011

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

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Introduction

The StarView SV231USB and SV431USB, fully compatible with USB 2.0 specifications, are a combination of USB 2.0 KVM (Keyboard/Video/Mouse) switches and USB 2.0 peripherals sharing devices.

With the SV231USB and SV431USB, you can easily operate up to 2 or 4 PCs, G3/G4 Macs, or iMacs respectively from the 1 USB keyboard, 1 USB mouse, and 1 monitor saving you space, time, equipment and money. Its peripheral sharing function enables you to share more USB 2.0 peripherals among all computers. Installation is easy as connecting USB A-B cables to the computers and to the StarView switch.

Features

- Front panel push buttons for easy computer selection
- No drivers needed for keyboard and mouse operation
- Supports keyboard and mouse plug-n-play
- High VGA resolution: 1920 x 1440
- Buzzer sounds for computer switching confirmation
- Front button Auto Scan activation
- Selectable Scan Time interval

Before You Begin

Package Contents
This package should contain:

- 1x StarView USB KVM Switch
- 1 x Instruction Guide
- 1 x Power Adapter (only SV231USB)
- 2 x 2-in-1 USB/Monitor cables (only SV231USB)

System Requirements

Console side

- One VGA, SVGA or Multisync monitor
- One USB 2.0 keyboard
- One USB 2.0 mouse

System Requirements Cont'd

Computer side

Each USB 2.0 enabled computer must be connected to the StarView switch by:

- One HDB15 male-to-female VGA cable or monitor
- One USB 2.0 A-B cable with Type-A and Type-B plug for USB devices
- HDB-15 to DB-15 VGA adapter is required for Mac computer VGA ports

Accessory Products from StarTech.com

Contact your local StarTech.com dealer or visit www.startech.com for cables or other accessories that will help you get the best performance out of your new product.



SVUSB2N1_6

6 ft. USB + VGA 2-in-1 KVM Switch Cable



SVUSB2N1_10

10 ft. USB + VGA 2-in-1 KVM Switch Cable



SVUSB2N1_15

15 ft. USB+VGA 2-in-1 KVM Switch Cable



SVUSBPOWER

SV231USB & SV431USB Power Adapter DC5V

Installation

PC BIOS Notice

The following BIOS setup changes are necessary for PC users and not necessary

for Mac users:

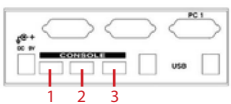
1. In STANDARD CMOS, set HALT ON ERROR to ALL BUT KEYBOARD
2. In PNP and PCI SETUP, set PNP OS INSTALLED to YES and set USB IRQ to ENABLED Note: The StarView switch is applicable for USB 2.0 keyboard and mouse switching from one computer to the other. If you plan to share other peripherals such as a CCD camera, printer or scanner, it is necessary to shut down the driver of the computer before switching to another computer. Because port switching is equivalent to unplugging the USB cable from one computer and plugging it into another one, some USB drivers check attached USB peripherals all the time and do not accept plug-n-play functions.

Console Connection

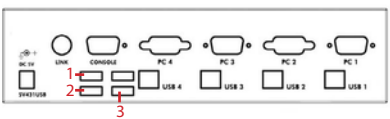
Before installation, make sure all devices and computers to be connected to the StarView switch have been turned off. Plug a monitor to the Console's VGA port; plug a USB 2.0 keyboard and a USB 2.0 mouse Console's USB ports as shown in figure 2.

For SV431USB only: As an option, the Master StarView is either SV431 or SV431D to be linked to the SV431USB with a mini-DIN8 male-to-male cable. The SV431USB can operate as USB 2.0 peripheral sharing devices

SV231USB



1. USB Keyboard
2. USB Mouse
3. USB Device



SV431USB

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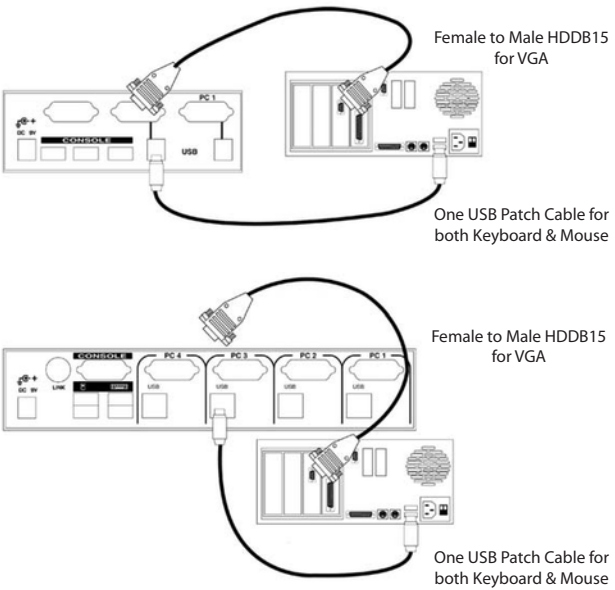
Computer Connection

Use a HDB15 male-to-female cable to connect from a computer's VGA port to the StarView's VGA port of the PC side, as shown below.

Use a USB 2.0 A-B cable to connect from the StarView's USB 2.0 port on the corresponding computer (A connector is the flat connector) as shown below.



Operation

Front Panel

1. On-line LED and Selected LED:
   When the LED turns green, the connected computer is powered-on When a computer is selected its corresponding red LED illuminates.
2. Push buttons:
   Each computer has a button associated with it on the front panel for selection.

Auto Scan

Auto Scan automically scans through computers one by one in a fixed interval (see Scan Time below). **Note:** Keyboard or mouse is not operable during Auto Scan.

- For SV231USB
  It sets the scan interval for Auto Scan. The Scan Time options are 3, 8, 15 and 30 seconds. **Note:** Scan Time is automically set to the default of 3 seconds when the KAG switch loses power.
- For SV431USB
  To activate Auto Scan, press down front panel push buttons "3" and "4" simultaneously. The port LED flashes during Auto Scan. Auto Scan is effective for powered-on computers only. To exit the Auto Scan mode, just tap any one of the push buttons.
  To change the Scan Time interval, press both fron panel buttons "1" and "2" simultaneously. The SV431USB beeps 1, 2, 3, or 4 times for Scan Time of 3, 8, 15, or 30 seconds respectively.

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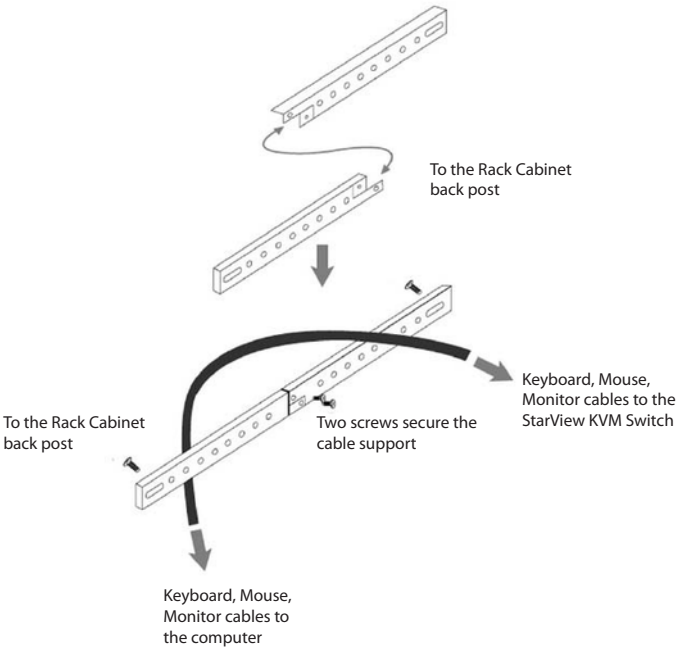
Rack Mount Kit for SV431USB (optional)

The figure below shows how to attach optional mounting brackets and cable support to the SV431USB for standard 19-inch rack cabinet.



Specifications

	SV431USB	SV231USB
# of Computers Supported	4	2
Front Panel Push Button	4	1
Hot Plug & Play	Yes	
Auto Scan Interval	3, 8, 15, 30 seconds	
Cabel Length (Max)	30m (100ft) for VGA 5m (15ft) for USB	
Compter Online LED	4	2
Computer Selected LED	4	2
VGA	1920 x 1440, DDC2B	
Computer Peripheral Connector, Monitor	USB Type B x 4 HDB-15 Male x 4	USB Type B x 2 HDB-15 Male x 2
Console Peripheral Connector, Monitor	USB Type A x 4 HDB-15 Female x 1	USB Type A x 3 HDB-15 Female x 1
H x W x D (mm) (in) size	44x 124 x 130 1.7 x 8.7 x 5.1 Compact	40x 124 x 70 1.6 x 4.9 x 2.7 Micro
Weight (g) (oz.)	900 31.74	420 14.8

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Troubleshooting

Symptom	Causes	Solutions
Keyboard or mouse does not work	In Auto Scan, keyboard and moust are not operable. Too many keyboard or mouse drivers installed	Press any front button to select a computer, then use the keyboard and mouse. Remove all unnnecessary keyboard and mouse drivers
Newly installed USB device does not work	• Improper device driver. Device consumes too much power. Device consumes too much power instantaneously • Improper device initialization. When StarView switch works under self-power, i.e., no power supply added, it supports max of 100mA as per USB spec	Re-install device driver. The device should be self-powered, add a power adapter to the device. If the device doe not provide power jack, add a power adapter of less than 1A current rating to the StarView switch. Be sure the USB cable is well seated to ensure communication. Remove all power sources to the StarView by unplugging all USB A-B cables and the power adapter; then start all over again. Select the computer by push button, restart the computer and try again
Computer hangs up while switching computers	Device initialization takes too much time	Wait at least 5 seconds before computer switching to ensure proper USB communication. Turn off device driver (not keyboard or mouse) before computer switching
Auto Scan does not switch PC automically and StarView beeps	All PCs are off or only one PC is turned on. can mode works on power-on computers only	Turn computers on

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Technical Support

StarTech.com's lifetime technical support is an integral part of our commit-ment to provide industry-leading solutions. If you ever need help with your product, visit www.startech.com/support and access our comprehensive selection of online tools, documentation, and downloads.

Warranty Information

This product is backed by a one year warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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