2-Port
Pocket USB KVM switch
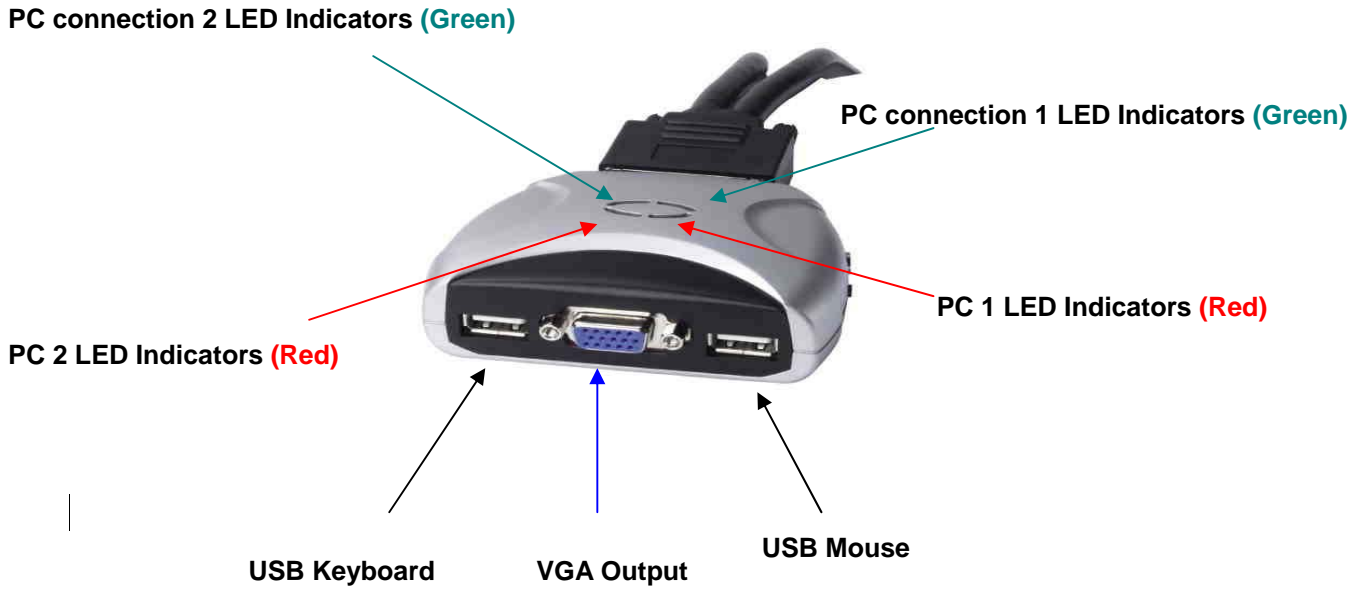
Users Manual

(DS-11402-1)

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1. Introduction

Thank you for your purchase of the 2-port USB/VGA Cable KVM Switch with Audio! You now have a high quality, durable system that enables you to control two computers and/or servers from one console (USB Mouse, Keyboard, and Monitor). In addition, proprietary new technology allows you to independently control and switch audio between two computers.

1.1 Features

1. Controls 2 computers from a single console (Keyboard/Mouse) over USB connection.
2. Support Windows (98SE or above), Sun Micro , Mac , Linux
3. Supports speaker and Microphone.
4. Emulates a keyboard on each PC to allow your computers to boot normally without a keyboard error.
5. Supports hot-swap. All devices connected to the KVM can be added or removed at any time, without shutting the unit down.
6. Supports USB keyboard Hot-Key Switch (for Microsoft Windows series) and push buttons for easy operation.
7. Supports Auto-Scan function to alternate video between both computers in preset intervals.
8. Supports LED display for PC and audio status monitoring.
9. Supports VGA resolutions up to 2048x1536 @ 85HZ.
10. Supports Plug and Play.
11. Self powered through USB connection.
12. Supports independent audio switching.

1.2 Physical Diagram

PC connection 2 LED Indicators (Green)

PC connection 1 LED Indicators (Green)

PC 1 LED Indicators (Red)

PC 2 LED Indicators (Red)

USB Keyboard　　**VGA Output**　　**USB Mouse**

PC Selection Push Button

PC Selection Push Button

Speaker Jack

MIC Jack

- **PC LED Indicators:**
  RED LED indicates that the 2-port USB/VGA Cable KVM Switch is switched to the corresponding PC.
- **PC connection LED Indicators:**
  GREEN LED indicates the status of PC connection.

1.3 Package Contents

The product you purchased should contain the following equipment and accessories:

1. One 2-port USB/VGA Cable KVM Switch with Audio.
2. User Manual.
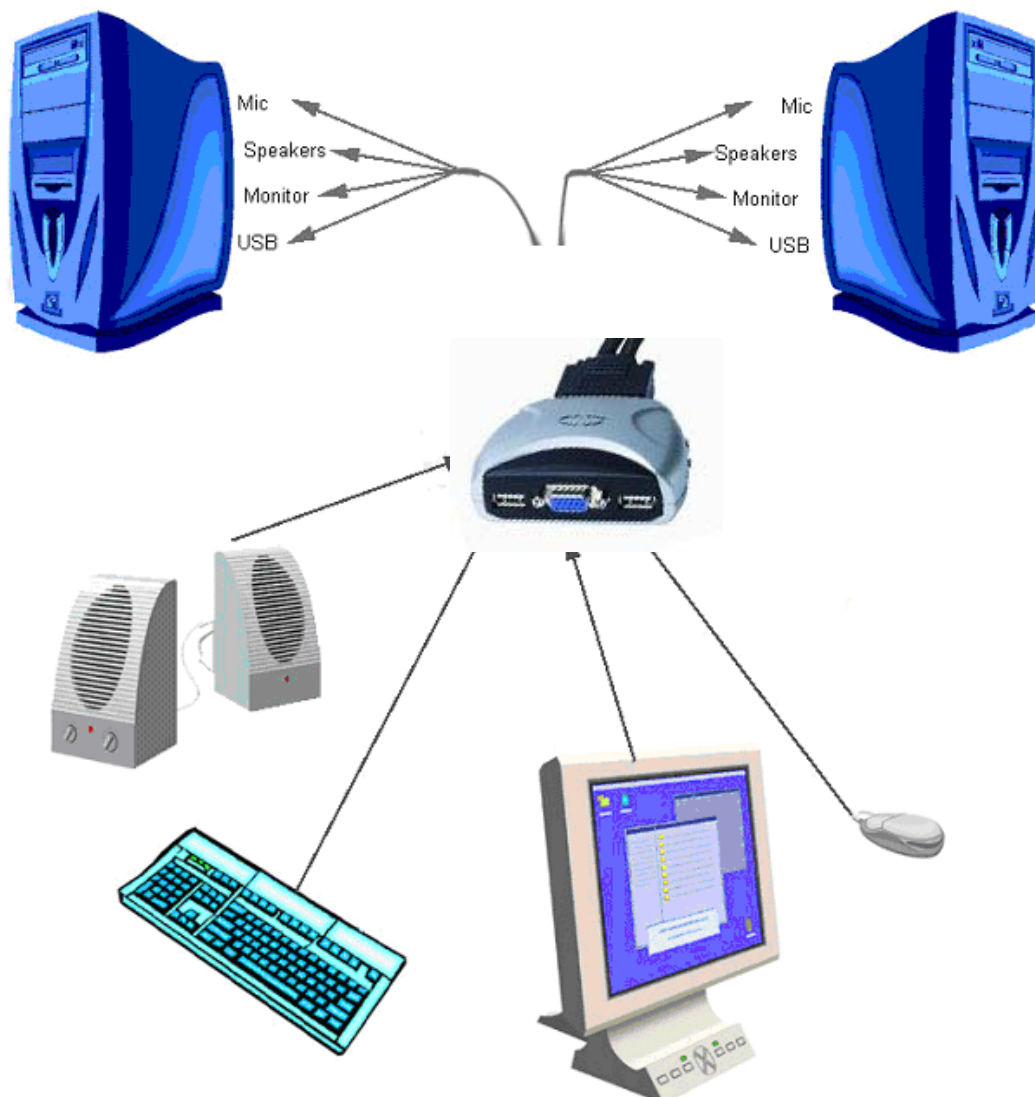
2. Specifications

2.1 General

Specification		
Number Of Computers Controlled		2
Selection Method		USB Keyboard Hot Key and Push button
USB Versions supported		1.1/2.0
LEDs		Red for PC Selection
		Green for PC ON-Line Selection
PC Connectors	USB	2 x Type A USB Connectors
	Video	2 x HDB-15 male
	Speaker	2 x Stereo speaker plugs
	Microphone	2 x Mono microphone plugs
	KVM Body	1 x DVI 24+5 Connector (male)
Console Ports	Keyboard / Mouse	2 x Type A USB Connectors (female)
	Video	1 x HDB-15 female
	Speaker	1 x Stereo speaker jack
	Microphone	1 x Mono microphone jack
	HOST	1 x DVI 24+5 Connector (female)
Auto-Scan Interval		10 Seconds
DDC, DDC2 monitor		Yes (Max. Resolution: 2048x1536)@85Hz
Hot Swappable		Yes
Operating systems supported		Windows (98SE or above), Sun Micro, Mac, Linux
Device driver		No
Power		By PC USB power
Cable Length		1.20 Meter
Dimensions (LxWxH)		65 x 85 x 25 (mm)
Unit Weight		450 g

3. Installing the Cable KVM Switch

3.1 System Requirements

(1) A PC with USB port and 1 VGA port.

(2) Windows 98 or later, Mac OS 8/9/OS X, Linux Kernel 2.3 or later.

(3) USB Keyboard and mouse.

(4) Monitor with VGA port.

3.2 Hardware Installation

Plug the USB keyboard, USB mouse, and monitor into the corresponding connectors of your 2-port USB/VGA Cable KVM Switch.

Plug the speakers into the corresponding jacks of your 2-port USB/VGA Cable KVM Switch.

Connect the KVM cables into the corresponding ports on the computers.

3.3 Hot Swappable

The 2-port USB/VGA Cable KVM Switch supports hot-swap technology. All the components can be added or removed at any time without shutting the PC down.

3.4 Driver Installation (Windows 98/SE only)

After you connect the 2-port USB/VGA Cable KVM Switch to your PC, Win 98 will automatically detect the device and prompt for the driver installation. Please install the 2-port USB/VGA Cable KVM Switch by the following instruction from **Step A-E**. Please have your Windows 98 CD ready.

A. Press "Next" to Continue. (Ref. Fig. A)

Fig. A

B. Select "Search for the best driver for your device" and press "Next" to continue. (Ref. Fig. B).

Fig. B

Fig. C

C. Please insert the "Windows 98" CD into your CD-ROM drive. Click "CD-Rom drive" and press "Next" to continue.
(Ref. Fig. C)

Fig. D

D. Press "Next" to start the installation process.
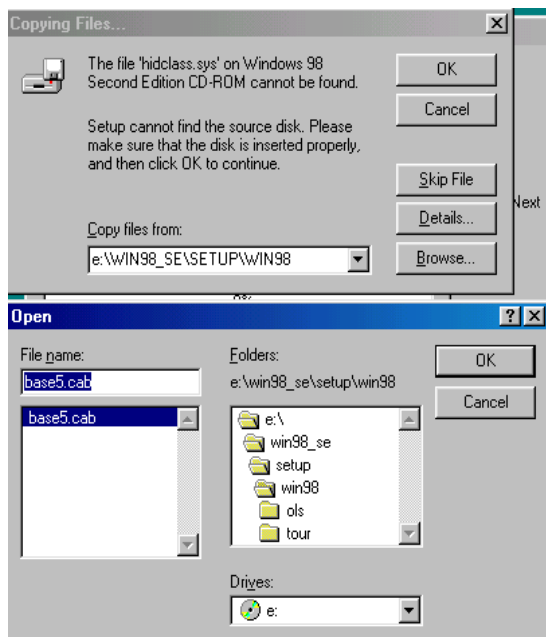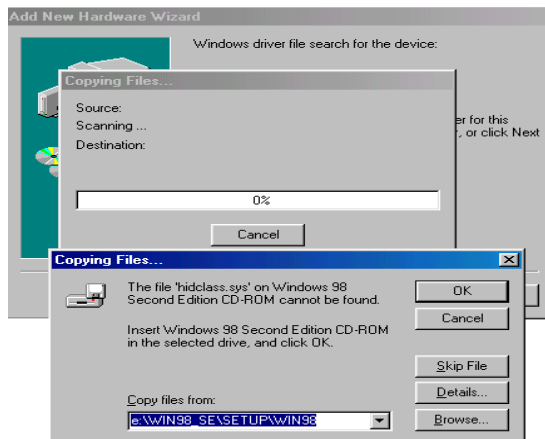(Ref. Fig. D)

Fig. D1

D1. Sometimes Windows cannot locate the necessary driver automatically. So you need to choose "Browse" to specify the location of the driver on your "Windows 98" CD manually. *
(Ref. Fig. D1)

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* The driver might be located in a different directory from the figure above.

Fig. D2

D2. Press "OK" to continue (Ref. Fig. D2)

Fig. E

E. Press "Finish" and Windows has finished installing the USB Human Interface Device driver for PS/2 keyboard & mouse. (Ref. Fig. E)

4. Operation

The 2-port USB/VGA Cable KVM Switch can switch the keyboard, video, mouse by pushing button and Hot Key.

The switching of Audio inputs (speaker & microphone) is independent and be controlled by Hot Key only. The Audio inputs is not be switched with PC selection.

4.1.   Push Button Operation

4.1.1. PC Selection
User can switch Computers (Keyboard, Mouse and Video inputs) by pressing push button directly.

4.1.2. Auto-Scan
- **Start Auto-Scan**
  Press and hold push button for longer than 3 seconds will turn the system into auto-scan mode. The auto-scan time interval is fixed to 10 seconds.
- **Stop Auto-Scan**
  Under auto-scan mode, press any push button will stop auto-scan.

4.2. Hot Key Operation

When using the Hot Key sequences, the keys must be pressed within 6 seconds, otherwise the Hot Key action will terminate.

The Hot Key Operation is only supported under Microsoft Windows series system.

4.2.1. PC Selection
[ScrollLock] + [ScrollLock] → change the active PC port.

4.2.2. Audio Selection
[NumLock] + [NumLock] → change the active audio port.

Hot Key	Action
[ScrollLock] + [ScrollLock]	**Switch active PC connection to the next PC**
[NumLock] + [NumLock]	**Switch active Audio connection to the next PC**

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FCC Statement

This device generates and uses radio frequency and may cause interference to radio and television reception if not installed and used properly. This has been tested and found to comply with the limits of a Class B computing device in accordance with the specifications in Part 15 of the FCC Rules. These specifications are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by plugging the device in and out, the user can try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the device and receiver.
- Connect the computer 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.