



**2-Port**  
**Pocket USB KVM switch**

**Users Manual**

(DS-11802-1)

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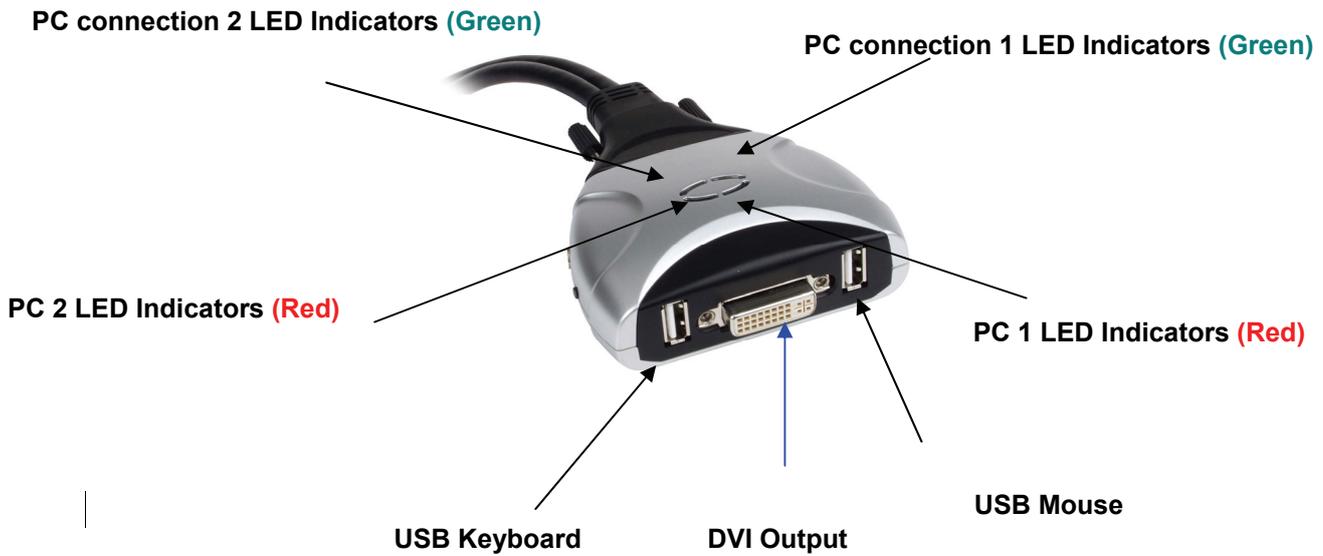
## 1. Introduction

Thank you for purchasing **2-port USB/DVI Cable KVM Switch with Audio!** You now have a high quality, durable system that enables you to control two computers from one console (USB Mouse, Keyboard, and Monitor). In addition, this device 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 and above), Mac , Linux
3. Compliant with DVI 1.1 standards,
4. Supports speaker and Microphone.
5. Emulates a keyboard on each PC to allow your computers to boot normally without a keyboard error.
6. Supports hot-swap. All devices connected to the KVM can be added or removed at any time, without shutting the unit down.
7. Supports USB keyboard Hot-Key Switch (for Microsoft Windows series) and push buttons for easy operation.
8. Supports Auto-Scan function to alternate video between both computers.
9. Supports LED display for PC and audio status monitoring.
10. Supports max resolution: 1920x1080@60Hz
11. Supports Plug and Play.
12. Self powered through USB connection.
13. Supports independent audio switching.

## 1.2. Physical Diagram



- **Active PC LED Indicators:**  
**RED LED** indicates that the 2-port USB/DVI 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

1. One **2-port USB/DVI Cable KVM Switch with Audio.**
2. User's manual.

## 2. Specifications

Specification		
Number Of Computers Controlled	2	
Selection Method	USB Keyboard Hot Key and Push button	
USB Versions supported	USB 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 DVI (male)
	Speaker	2 x Stereo speaker plugs
	Microphone	2 x Mono microphone plugs
	KVM Body	2 x Video Connector (male)
Console Ports	Keyboard / Mouse	2 x Type A USB Connectors (female)
	Video	1 x DVI (female)
	Speaker	1 x Stereo speaker jack
	Microphone	1 x Mono microphone jack
	Host	2 x Video Connector (female)
Auto-Scan Interval	10 Seconds	
DDC, DDC2 monitor	Yes (Max. Resolution: 1920x1080)@60Hz	
Hot Swappable	Yes	
Operating systems supported	Windows (98SE and above), Mac, Linux	
Device driver	No	
Power	By PC USB power	
Cable Length	1.20 Meter	
Dimensions ( L x W x H )	65 x 85 x 25 mm	
Unit Weight	450 g	

### **3. Installing the USB/DVI Cable KVM Switch**

#### **3.1. System Requirements**

1. A PC with USB port and 1 DVI port.
2. Windows 98SE or later, Mac OS 8/9/OS X, Linux Kernel 2.3 or later.
3. USB Keyboard and mouse.
4. Monitor with DVI port

#### **3.2. Hardware Installation**

1. Turn off computers.
2. Plug the USB keyboard, USB mouse, and monitor to the corresponding connectors on KVM Switch.
3. Plug the Speaker and Microphone to the corresponding jacks on KVM Switch.
4. Connect KVM switch cables to DVI, USB, Speaker and Microphone ports on computers.
5. Turn on computers

**Note:** If the monitor can not support the maximum resolution it should have with KVM switch, please restart the computers to work out the problem.

#### **3.3. Hot Swappable**

The 2-port USB/DVI 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/DVI 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/DVI Cable KVM Switch** by the following instruction from **Step A-G**. Please have your Windows 98 CD ready.



Fig. A

A. Press “Next” to Continue.  
(Ref. Fig. A)



Fig. B

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



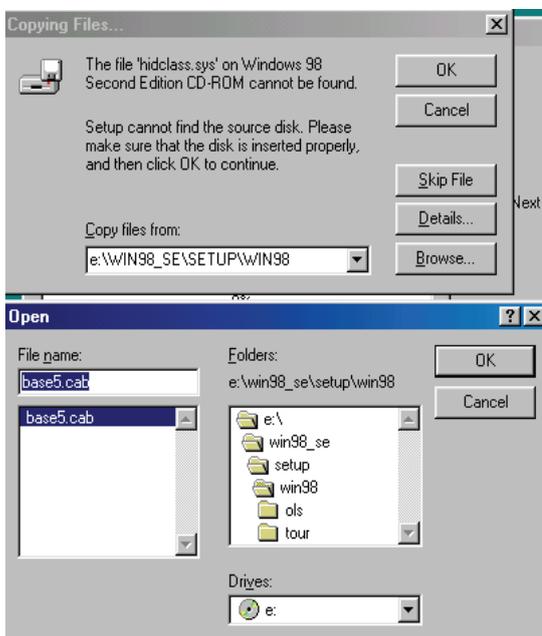
Fig. C

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



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

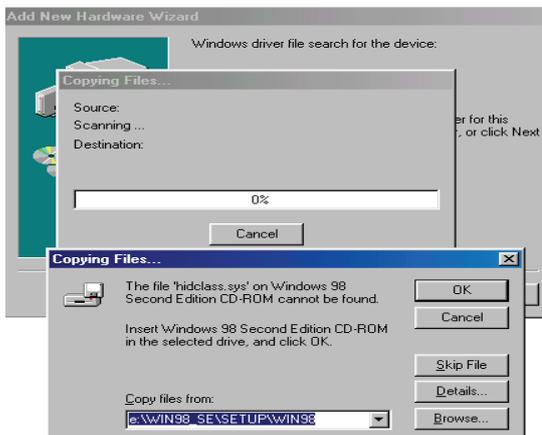
Fig. D



E. 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. E)

Fig. E

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



F. Press “OK” to continue  
(Ref. Fig. F)

Fig. F



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

Fig. G

## 4. Operation

The 2-port USB/DVI 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.

