



2/4-Port KVM Switch

KVM-200/400

User's Manual



*PC/Mac/Sun
Multi Platform*

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Chapter 1

Introduction

Thank you for purchasing PLANET KVM switch. PLANET KVM switch can save your MONEY, TIME, SPACE, EQUIPMENT and POWER.

Control multiple PCs from one keyboard, mouse and VGA monitor. PLANET KVM switch is loaded with features such as hot-key, front panel push button and auto scan control. It has complete keyboard and mouse emulation for simultaneous PCs boot-up process.

1.1 Features

- 2/4-port KVM switch is compact size design and portable
- Support Microsoft Intellimouse, Logitech Net Mouse, etc...
- Support DOS, Win3.x, Win95/98/98SE/2000/ME/XP, WinNT, Netware, Unix, Linux
- Support iMAC, Power MAC and Sun Microsystems with USB port (Need to work with USB-PS2 adapter)
- Hot Plug - Add or remove connected PCs for maintenance without powering down the KVM switch or PCs
- Very High Video Quality - Up To 1920X1440, Bandwidth: 200MHz
- No Software Required - easy PC selection via Push Buttons, Hot Keys
- Auto Scan Mode for monitoring PCs
- Keyboard status restored when switching PCs
- LED Display for easy status monitoring
- Buzzer sound for switching port confirmation

1.2 Package Contents

KVM-200	KVM-400
◆ 2-port KVM switch	◆ 4-port KVM switch
◆ User's manual	◆ User's manual

1.3 Technical Specifications

Model	KVM - 200	KVM - 400
PC Port	2	4
Console Port	1	1
MAX PC Connections	2	4
LED	2	8
PC Port Connector (All Female Type)	PS/2 Keyboard mini-Din 6 pin PS/2 Mouse Mini-Din 6 pin VGA HDDB 15pin	
Console port connector (All Female Type)	PS/2 Keyboard mini Din 6 pin PS/2 Mouse Mini Din 6 pin VGA HDDB 15pin	
PC selection	Hot Key / Button	
Scan Intervals	8sec.	
Keyboard Emulation	PS/2	
Mouse Emulation (Console port to PC port)	PS/2	
VGA Resolution	Up to 1920X1440	
Bandwidth	200MHz	
Operating Temperature	0 ~ 40 Degree C (32 ~ 104 Degree F)	
Storage Temperature	-20 ~ 60 Degree C (-4 ~ 140 Degree F)	
Humidity	0 ~ 80% RH, non-condensing	
Weight (g)	440	720
Dimension (mm)	125X72X45	200X90x45

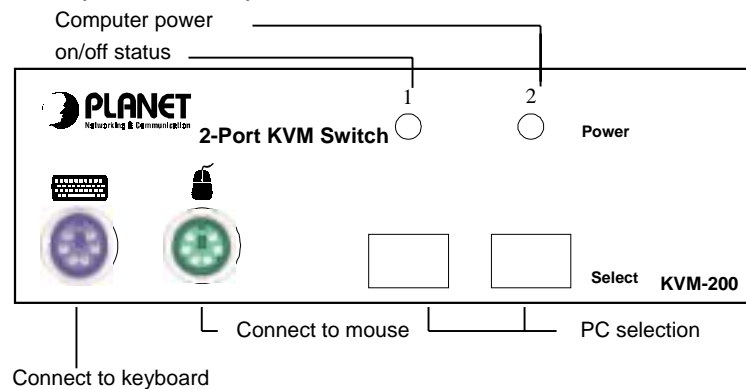
Chapter 2 Installation

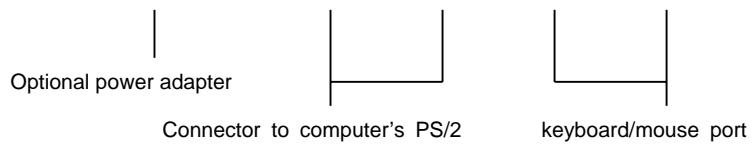
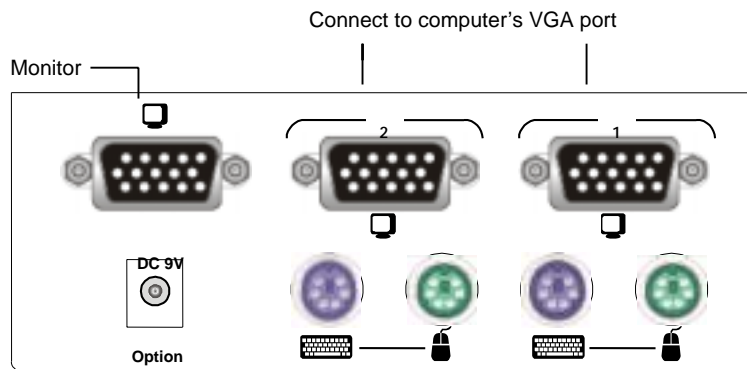
2.1 System Requirements Specifications

Model		KVM-200	KVM-400
Console side	VGA Monitor	1	1
	PS/2 Keyboard	1	1
	PS/2 Mouse	1	1
Computer side	HDB-15 pin male to male VGA cables	2	4
	PS/2 cable male to male for Keyboard	2	4
	PS/2 cable male to male for Mouse	2	4
Optional	USB-PS2 adapter is required if connect to computer with only USB keyboard/mouse interface.		

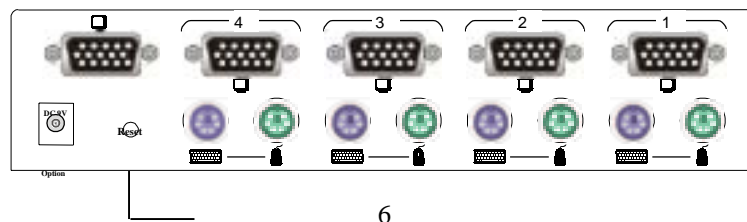
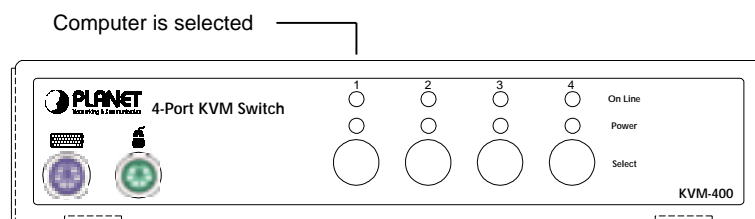
2.2 Product Details

Front panel & Rear panel of KVM-200:





Front panel & Rear panel of KVM-400:



Reset the KVM switch

2.3 Hardware Installation

Before installation, please make sure all of peripherals and computers have been turned off.

Step 1 Connecting Monitor to the KVM switch

Connect a VGA cable (15-pin HDDB Male / Male) with the Male side to both of the Monitor and the rear panel of the KVM switch unit.

Step 2 Connecting Keyboard & Mouse to the KVM switch

Connect the keyboard and mouse to the KVM switch. If you have an AT type keyboard, you will need an AT to PS/2 adapter.

Note: Only use PS/2's keyboard and mouse.

Step 3 Connecting VGA port of PC(s) to the KVM switch

Now the PC connections will be made with the monitor (VGA) connections first. Connect a VGA cable (15-pin HDDB Male / Male) with the Male side to both of the PC's VGA output and the rear panel of the KVM switch unit to the connector labeled VGA. Repeat this for all PCs.

Step 4 Connecting keyboard and mouse port of PC(s) to the KVM switch

Connect keyboard and mouse port of your PC to the rear panel of the KVM switch.

Step 5 Double-check all of the connections

Please check step1 ~ step4 again and then power on the computers.

Note: Please do not switch the PC port (i.e. Do not press the push button of KVM switch or run hot key) during the computers are under boot-up process.

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Chapter 3 Operation

3.1 Select PC through push buttons

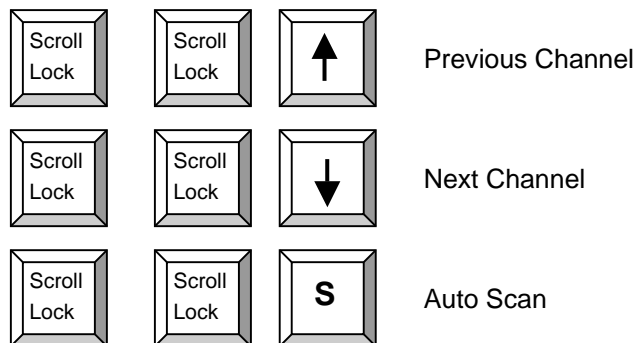
KVM-200 / KVM-400 has separate push buttons on the panel. Press each button to select respective PC port.

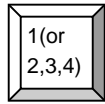
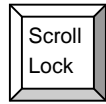
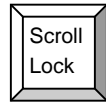
KVM-400 has also **On Line** LED for each PCs. When you select one of four PCs and it is powered on, the selected port **On Line** LED is lit. When you select one of four PCs and it is shut down or disconnected from a PC, the selected port ON Line LED flashed.

3.2 Select PC through Hot key

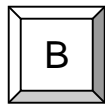
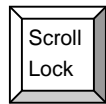
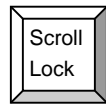
You can also conveniently command PLANET KVM to switch ports through simple key sequences. To send commands to PLANET KVM, The SCROLL LOCK key must be pressed twice within 2 seconds. You will hear a beep for confirmation.

Below are the different commands:





Select PC port directly



Beeper On (Factory default off)

Note: To get out of Auto Scan Mode, Press any key or SPACE bar.

Chapter 4

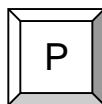
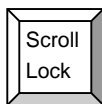
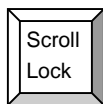
Troubleshooting

Ensure that all cables are well seated. Label all of cables with the number for each respective computer to avoid confusion.

1. KVM switch draws the power from keyboard port of computers. If the computer like laptop computer, notebook computer or the other computer cannot support enough power to KVM switch, please add a DC 9V, 500mA to the power jack. The power jack polarity is center positive.
2. Don't press any keys on the keyboard while the selected computer is booting up. Otherwise, it might cause the keyboard error or keyboard is not detected at PC side.
3. The computer boot up fine, but keyboard doesn't work
 - Make sure the keyboard works when directly plugged into the computer.
 - Try a different keyboard, but use only 101, 102 or 104-key keyboard.
4. The Mouse is not detected during PC boot up.
 - Make sure the mouse works when directly plugged into the computer.
 - Make sure the mouse is a true PS/2 mouse. A combo mouse will work just as long as it is set for PS/2 mode with the correct adapter.
 - Try a different mouse.
5. Avoiding moving the mouse or pressing the mouse buttons when switching the port.

6. Notebook computer:

Before powering on notebook computer, we recommend the user to connect the notebook to computer port (not link to console directly) first and then boot it up. If notebook computer has been boot up already and then the user connect it to KVM switch, please use Hot Key command to link both of them together.



EM-KVM24V1

