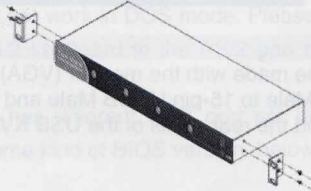


Hardware Installation (ALL-9308UOD/ALL-9316UOD)

Before installation, please make sure all of peripherals and computers have been turned off. This example of installation is based on 8 port USB KVM switch and you also can think that 16 port USB KVM switch have the same installation procedures

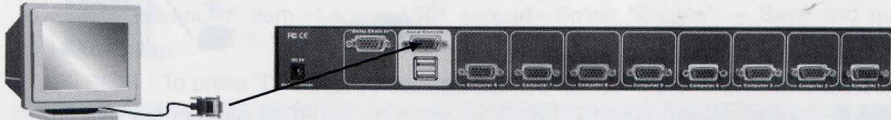
Step 1

Find a convenient place to put your USB KVM Switch. Its 19" rack mount form factor makes it ideal mountable on 19" rack. When mounting to a rack, attach the included brackets to the sides of the USB KVM Switch. Take note of the length of your cables so that your computers, USB KVM Switch, keyboard, mouse and monitor are distanced properly. Attach the power adapter which included in this package to the USB KVM unit and plug the other end into an electrical receptacle. Now you will see the LED for Port 1 light up, and you will hear a beep.



Step 2

Connect the monitor to the USB KVM Switch. Using the attached cable, or the one included with your monitor, connect it to the HDDB-15 female port on the back of the USB KVM unit labeled with the monitor symbol at the CONSOLE port connector.

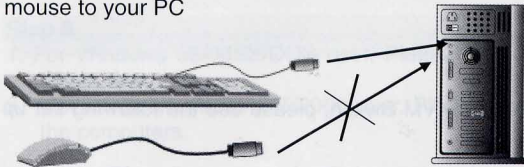


Note: For Windows ME/XP/NT/2000 user, please skip step 3 and go to Step 3-1 directly.

Step 3

For Windows 98/98SE/DOS user only:

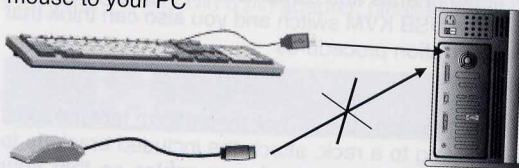
Connect USB keyboard to your PC USB keyboard port directly and do not connect PS/2 mouse to your PC



Step 3-1

For Windows ME/XP/NT/2000 user only:

Connect USB keyboard to your PC USB keyboard port directly and do not connect PS/2 mouse to your PC



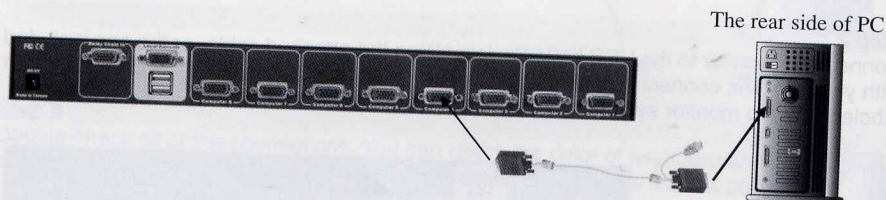
Step 4

Please connect the USB mouse to the USB KVM Switch's USB mouse port.



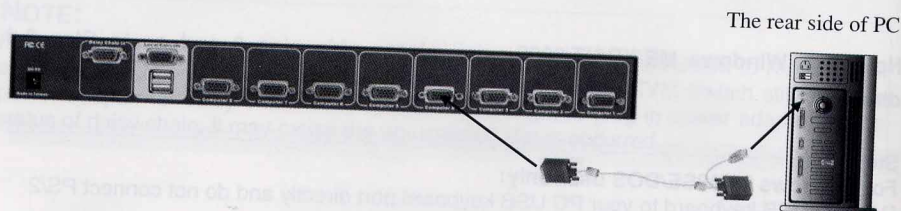
Step 5

Now the PC connections will be made with the monitor (VGA) connections first. Connect a 2-in-one cable (15-pin HDDB Male to 15-pin HDDB Male and USB type A) with the VGA male side to both of the PC and the rear panel of the USB KVM switch to the connector labeled VGA.



Step 6

Connect 2-in-one cable (15-pin HDDB Male to 15-pin HDDB Male and USB type A) USB type A side cable to the PC.



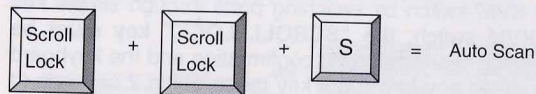
Step 7

Windows 98/98SE user:

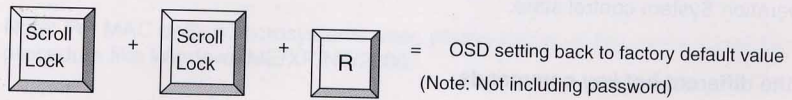
When you apply Windows 98/98SE to USB KVM Switch, please use the following set up procedure:

1. Boot the PC and PC is unable to get the mouse during boot up system. The Window

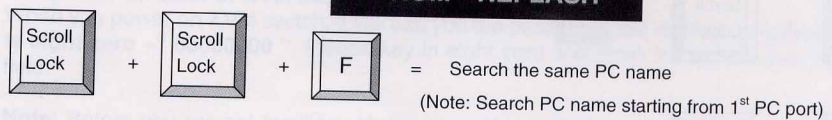
control is only for available for Scan Mode)



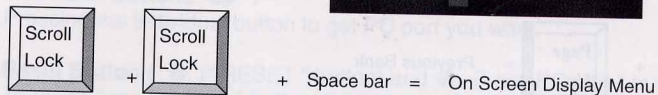
To get out of Auto Scan Mode, Press any key or SPACE bar.



ROM REFLASH



FIND:



Example :

- A. To access a computer attached to Port 4 of the three Bank. You can press through hot key as below:
Scroll lock + Scroll lock + 3 + 04
- B. To access a computer attached from Bank 3 to Bank 4, You can press through hot key as below:
Scroll lock + Scroll lock + Page Down

Note:

Bank no. and Port no. selection must be made using the numeric keys on the keyboard. Numeric keys on the keypad are not available as a hot key command.

Daisy Chain Connection Diagram

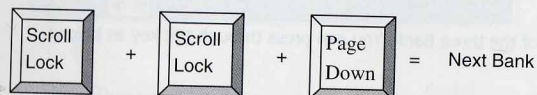
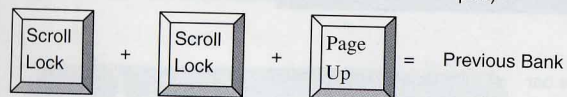
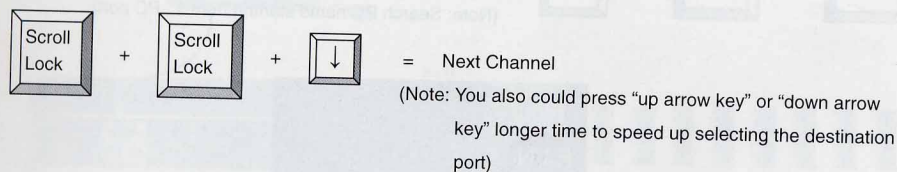
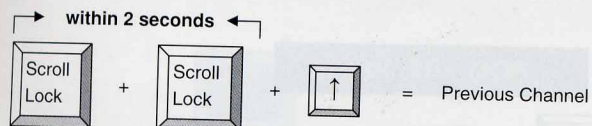
Please use the attached 3 feet 3-in-one daisy chain Cable Kit to daisy chain the KVM Switch.

- A. Connect Keyboard, Mouse and Monitor to the console port (white color block) of bank 1 KVM switch.
- B. Use one end of 3-in-one Cable Kit to connect the daisy chain port of bank 1 and the other end for the console port (white color block) of bank 2 KVM switch.

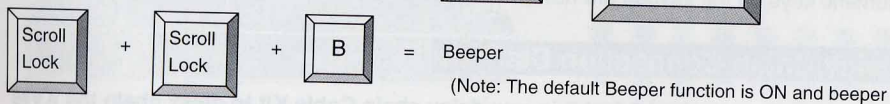
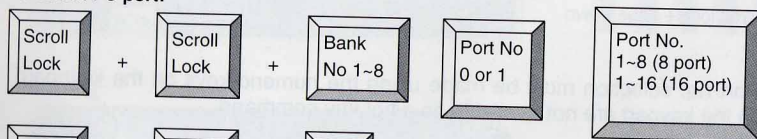
Keyboard Hot Key Commands:

You can also conveniently command KVM switch by switching ports through simple key sequences. To send commands to KVM switch, **the "SCROLL LOCK" key must be pressed twice within 2 seconds**. You will hear a beep for confirmation and the keyboard is in hot key mode. If you have not pressed any key in hot key mode within 2 seconds (It means to key in any key follows up "Scroll Lock" "Scroll Lock" key), the keyboard will back to under Operation System control state.

Below are the different hot key commands:



To select PC port:



Step 9

Connect the USB Keyboard to the USB KVM Switch.



Note: For MAC or Sun Microsystems user, please follow up the similar installation procedure like Windows ME/XP/NT/2000.

Usage

The power on state of KVM switch:

When you power on KVM switch, it will ask you the password, **the default password value is eight zero -- "00000000"**. Please key in eight zero and enter the same value at retype field.

Note: Before you are not familiar with the operation of OSD manual, please don't change the password -- i.e. keep default eight zero (00000000) value. Otherwise, if you have set the password and unfortunately forget the password, you need send it back to your distributor for maintaining the password.

The Push Buttons :

Pressing the individual button to get PC port you want.

Reset Button (● (" RESET " button) and ● (" any PC port " button) simultaneously): To press "any PC port " button & "reset" button of master bank simultaneously can reset KVM switch. This reset action will not only return KVM switch back to initial state --- Check the password, but also re-check all of slave banks which connected to mast KVM Switch. If you add a new KVM Switch as a slave bank, please use reset button of master KVM Switch to automatically assign a new ID to it. You can view this new slave bank go through OSD menu. The PC ports of KVM Switch does not be reset by reset command.

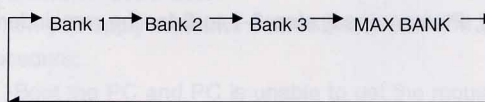
PC port LED Indication :

There are two LEDs--- Power LED (The LED is marked by " Power ") and Operation LED (The LED is marked by " Operation ") accompanied with each PC port.

When you select one of sixteenth PC ports and this PC is shut down or this PC port is disconnected to the PC, the selected power port LED is off (But, if this PC is PC99 type, the selected power port LED is lit) and the "Operation" LED is flash. When you select one of eight PCs ports and this PC is powered on, the selected port Operation LED is lit.

7-Segment BANK LED Indication

When you would like to view the next bank KVM switch, please press " RESET " push button cyclically to the destination bank. The bank LED will be changed from bank 1 to the maximum daisy chain level and then to press " RESET " push button once back to the bank 1.




O.S. will show the following message or similar things:

" **Windows did not detect a mouse attached to the computer. You can safely attach a serial mouse now. To attach a mouse to a PS/2 mouse port, you must first turn the computer off.**

☐ **Do not show this message in the future.** "

Please use keyboard "Tab" key, "Space" bar and "Enter" key to select the item " ☒ Do not show this message in the future." and finishing booting Windows O.S..

2. It will mount USB HID (Human Interface Device) driver. Using Keyboard "Tab" key, "Left Arrow" key, "Right Arrow" key and "Enter" key to accomplish set up process.
3. Please turn off USB KVM Switch and use Windows key " " to shut down computers.

DOS User:

If the motherboard BIOS' USB port is disable in default mode and you apply USB keyboard or USB mouse to PC. It does not work in DOS mode. Please disconnect USB keyboard or USB mouse and connect PS/2 keyboard to the PS/2 port of PC for enabling BIOS USB port.

Different motherboard BIOS has different USB port set up procedure. Here are some examples, which based on some kind of BIOS version, below for the user reference.

- A. AWARD BIOS: To press "Del" key immediately for a couple of times when powering on PC and you will get into BIOS set up mode→Select "Advanced" item →USB Legacy support→Select "AUTO" →Save and quit BIOS set up.
- B. PHOENIX BIOS : To press "F2" after powering on PC gets into BIOS set up mode→Select "Advanced" item→Legacy USB support→Select "Enable" → Save and quit BIOS set up.
- C. AMI BIOS : To press "Del" key immediately for a couple of times when powering on PC and you will get into BIOS set up mode → Select "Chipset features setup" → USB controller→all USB port USB KB/Mouse→ KEYB+MOUSE → Save and quit BIOS set up.

Note: If the PC BIOS need check keyboard to accomplish boot up process and the PC might show keyboard error message on the screen, please configure the BIOS setting again.

When you enter BIOS set up mode, please select the item "Halt on Error" or the other Error condition setting and select "Halt all errors but Keyboard" or to ignore keyboard during boot up BIOS process.

Step 8

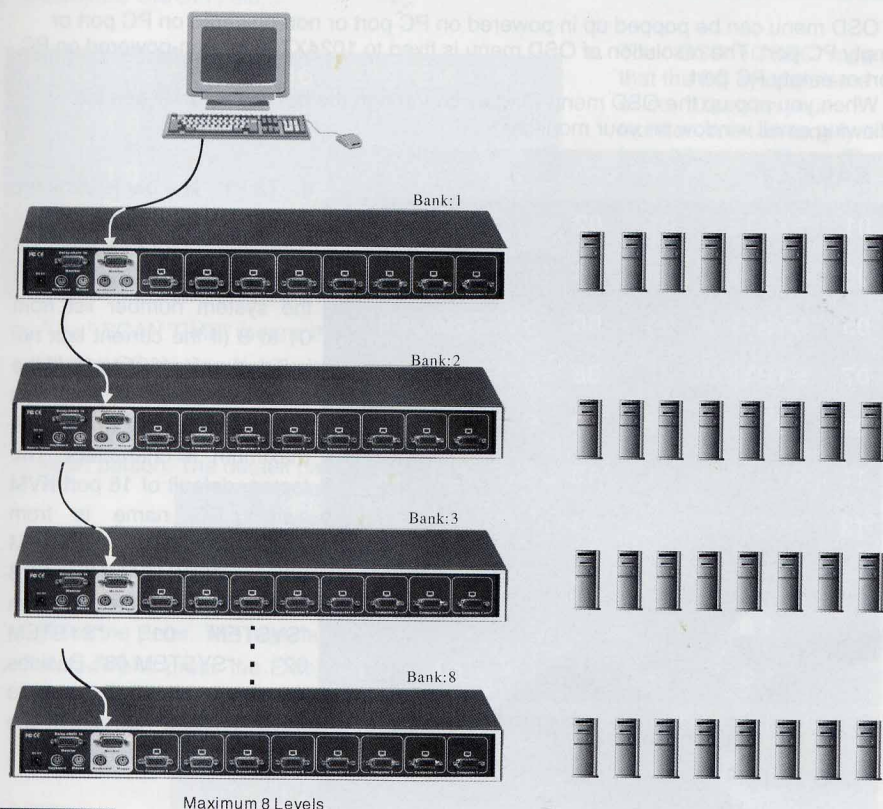
1. For Windows 98/98SE/DOS user, Please repeat **step 3** to **7** for the remainder of the computers.
2. For Windows ME/XP/NT/2000 user, Please repeat **step 3-1** to **6** for the remainder of the computers.

C. Please repeat item B to daisy chain more bank as you want. But, the maximum daisy chain bank is eight levels.

D. Before chaining the slave bank up to six banks, you need a VGA extender between the fifth bank and the sixth bank to enhance the VGA signal.

(Note: If you would like to daisy chain ALL-9308OD 8 port and ALL-9316OD 16 port PS/2 or USB KVM Switch together,

the master bank must be 16 port PS/2 or USB KVM Switch)



Hot Plug

The KVM Switch supports "Hot Plug" function for easy addition or removal of PCs. The user can arrange or maintain PCs as follows:

- A PC can be disconnected and reconnected to the same or different port of the KVM unit without having to power it off as long as it is not the Daisy-chain port or pass through port.
- The pass through port PC (i.e. The pass through port means the console port is