AGDI FEATURING HOT-PLUGGING & PLUG-AND-PLAY

4/8/16-port 19" Rackmount PS/2 KVM Switch

Quick Installation Guide

Thank you for purchasing the **4/8/16-port 19" Rackmount PS/2 KVM Switch**! This Rackmount KVM Switch is designed for computer/server management on a centralized single admin desk in corporate, factory as well as in campus computing environment. It features a console port to connect your shared keyboard, video and mouse, and 4/8/16 PC ports to connect to your computers/servers. You can simply place it on desktop or mount it on a standard 19" rack for more secured and centralized management.

This KVM Switch features a metal enclosure for better shielding against electromagnetic interference commonly seen in lab or factory floor environment. It also features a **hot-plugging** capability that allows you to plug off and on the KVM cablings without powering down a whole rack of servers, especially convenient when you are working on a sever rack. With our highly reliable and quality product, user can enjoy countless benefits from using it.

4-port

8-port

16-port

Before you install

The default setting of the **4/8/16-port 19" Rackmount PS/2 KVM Switch** is appropriate for most systems. In fact, you do not have to make any configuration before installation. It's an out-of-the-box installation: Just connect and set up the cable connections for the KVM switch and your computers, boot them up in correct sequence and you can start to operate immediately!

For a quick start on installation and operation, please follow the instructions below.

Out-of-the-box Installation

Take the KVM Switch out of the box and begin installation…

💡 **If you are using only window PCs**: **for the first-time installation, you don't even need to power down all the computers that are going to be connected to the KVM Switch…..** The hot-pluggability of this KVM Switch allows "hot-plugging" of the KVM cables while the computer is powered on, and your mouse will stay alive throughout. It is especially convenient when you have to change or rearrange the KVM cablings of your computers while still want to keep the computers working.

✐ **If you are using any Linux PCs**: you might possibly experience a lock on mouse if hot-plugging it to the KVM switch (since Linux is not a PnP OS somehow)… If your mouse gets locked, you can try to use the mouse reset hotkeys (see the ***Quick Reference Sheet***) to bring it back to normal. Another alternative is to turn the Linux PC off before connecting it to KVM Switch.

Step 1. Connect the shared mouse, keyboard and monitor to the console port connectors on the backpanel of your KVM Switch.

💡 Note that since the KVM Switch is powered through the PS/2 interface, it is powered on immediately when connected to the PS/2 keyboard/mouse port of your PC (nonetheless even when the PC being in powered off state, the PS/2 interface is still live with electricity).

Step 2. Just connect your computers (*no matter they are powered on or off!*) to the PC ports at the backpanel of the KVM Switch using the KVM combo cables. You can use individual standard keyboard, mouse and video cables for connection, although the 3-in-1 combo cable is highly recommended for your convenience.

Step 3. If your computer is still not powered up, then power them up. Once the computers are powered up (or they are already powered on before connecting to KVM Switch), you can manage all of them through the KVM Switch.

💡 If you experience mouse lock on any of your computer, **You can use** the mouse reset hotkey sequence to regain the mouse control *(see the **Quick Reference Sheet**)*.
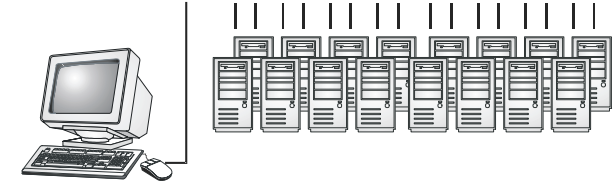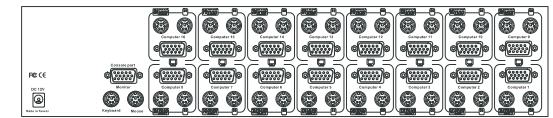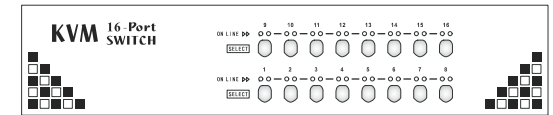
Easy Operation

There are two methods to select a specific computer, using a *front-panel push button* or a *hotkey sequence*.

Front-panel push buttons
The front-panel buttons let you have direct control over KVM switch operation and channel switching. Simply press a button to switch to its corresponding channel. *See Quick Reference Sheet*

Keyboard hotkeys

A keyboard hotkey sequence consists of at least three specific keystrokes: *See Quick Reference Sheet*

Hotkey sequence = ScrLk + ScrLk + *Command key(s)*

✐ The two consecutive ScrLk keystrokes should be pressed within 2 seconds and the following command key(s) should also be pressed within 2 seconds in likewise manner. Otherwise, the hotkey sequence will not be validated.

💡 For detailed Hotkey sequences and their corresponding functional commands. *See Quick Reference Sheet*

System Requirements

Model Number	4/8/16-port Rackmount PS/2 KVM
PC Side	4/8/16 x KVM Combo Cable (PS/2-PS/2-HDB-15 interface, all-male)
Console Side	1 x PS/2 Keyboard 1 x PS/2 Mouse 1 x Monitor

Quick   Reference   Sheet

19" Rackmount KVM Switch / Operation Commands for Hotkeys/ Front-Panel Button			
Command	**Hotkeys**	**Front-panel Button**	**Description**
Select PC Channel	**For 4-port/8-port model** ScrLk + ScrLk + (x)[1] x = 1 ~ 4/1~8 for PC channel number **For 16-port model** ScrLk + ScrLk + (x) + (y)[1] xy = 01~16 for PC channel number	*Press the corresponding front-panel button to select the desired PC channel*	Select the active PC channel
Next lower PC channel	ScrLk + ScrLk + ↑ (arrow up)	--	Select the next lower PC channel (Switch only to the next lower channel with live power input from PS/2 interface)
Next higher PC channel	ScrLk + ScrLk + ↓ (arrow down)	--	Select the next higher PC channel (Switch only to the next higher channel with live power input from PS/2 interface)
Previous PC channel	ScrLk + ScrLk + ← (Backspace)	--	Toggle between the previous channel and current channel
Beep Sound On/Off	ScrLk + ScrLk + B	--	Toggle on/off the beep sound for hotkey/channel switching operation
Console Mouse/Keyboard Reset[2]	ScrLk + ScrLk + End	*Button 1* *(Press and hold down for 2")*	Reset mouse/keyboard on the console side (This hotkey command works only for PnP OS such as Windows 98 SE or later Windows OS; for non-PnP OS, see *Note 2).*
Autoscan	ScrLk + ScrLk + S	*Last Button* *(Press and hold down for 2")*	Autoscan through every connected channel for quick screen browsing of each channel (scan delay = 5 sec.)
Autoscan with Programmable Delay Time	ScrLk + ScrLk + S + (x)[1] x = 0~9 1 → 10" ; 2 → 20"; 3 → 30"; 4 → 40"; 5 → 50" 6 → 60"; 7 → 70"; 8 → 80"; 9 → 90"; 0 → 100"	--	Autoscan with a user-defined delay time within a range of 5 ~ 100 seconds
Stop Autoscan	*Press any key on keyboard*	*Press any button*	Terminate Autoscan activity

Notes:
1. You can use either top row number keys or the keypad number keys for hotkeys commands.
2. Normally, you should have no problem with mouse hot-plugging on a Plug-and-Play OS. However, a **non-PnP OS only performs hardware detection while booting up--that is why hot-plugging sometimes will see a mouse lock…..**
Mouse Troubleshooting on a non-PnP OS (Linux, NT4.0)*: If you experience mouse lock when hot-plugging mouse on a non-PnP OS such as Linux or WinNT 4.0, just hit one of the following hotkey commands for mouse reset according to your mouse configuration on the non-PnP OS ….*

ScrLk + ScrLk + M + 1 *for a 2-key mouse setting;* ScrLk + ScrLk + M + 2 *for a 3-key wheel mouse setting;* ScrLk + ScrLk + M + 3 *for a 5-key wheel mouse setting.*
LED information: *a solid red-lit LED indicates a live power input for that specific port; a solid green-lit LED indicates an active port; a flashing green LED indicates no connection for the active port (i.e. no power input from the active port).*

Hotkey convention: *The hotkey notation* ScrLk + ScrLk + (key)*, denotes that you should hit the individual keys consecutively one at a time, not simultaneously.*