

TK-210K

**2-Port USB and PS/2 KVM Switch with Audio
User's Guide**

**Guide de l'utilisateur du
Switch KVM de 2-Ports USB et PS/2 avec Audio**

**Diese Benutzeranleitung
2-Port USB und PS/2 KVM Switch mit Audio Support**

**Esta guía del usuari
Switch PS/2 y USB de 2 Puertos con Audio**

**2-портовый KVM-коммутатор с портом аудио, интерфейс USB и PS/2
Руководство пользователя**

Version 07.22.04



TRENDnet[®]
TRENDware, USA
What's Next in Networking

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English UG

1. Prepare for Installation

Thank you for purchasing TRENDnet's TK-210K KVM Switch. This guide will help you set up your KVM switch. Following the installation instructions should be quick and easy. If you run into problems, please refer to the Troubleshooting section of this guide. If you need further technical support, please visit www.TRENDNET.com or call technical support by phone.

Verify Package Contents

Please make sure you have everything in the box:



The TK-210K 2-Port USB and PS/2 KVM Switch with Audio is compatible with virtually all computers and operating systems. You only need to have one monitor, one PS/2 keyboard, and one PS/2 mouse with optional USB, audio, and microphone.

2. Introduction

The TK-210K KVM Switch is a 2-port USB and PS/2 KVM Switch for multimedia-enabled computers. The TK-210K allows you to operate two computers using only one monitor, PS/2 keyboard, PS/2 mouse, set of speakers, and microphone. The TK-210K also enables you to share up to two USB devices with its built-in USB hub.

Hardware Support

The TK-210K KVM Switch is compatible with all popular platforms, including PC, Macintosh G3/G4, and iMac. The TK-210K is compatible with virtually all PS/2 mice, including Microsoft Intellimouse, Microsoft Optical Mouse, and Logitech Net Mouse.

Software Support

The TK-210K KVM Switch does not require any drivers or software. It is compatible with the following operating systems: Windows 98/ME/2000/XP/2003 Server, Linux, and Mac OS.

Plug-N-Play and Hot-Pluggable

The TK-210K KVM Switch connects to your computers via the USB 1.1 or PS/2 interface for convenient Plug-and-Play functionality and hot-pluggable.

Front-panel buttons and Hot-Key Commands

There are two methods to control your KVM Switch for PC selection. You can use the front-panel push buttons or a Hot-Key commands to switch between your computers quickly and easily.

With full-sized features crammed into a space-conserving size, TRENDnet's TK-210K KVM Switch is perfect for use at home or in the office.

3. Installation

1. Turn off both computers and their peripherals, and disconnect all power cords.
2. Connect the shared keyboard, monitor, mouse, USB, speakers, and microphone to their respective ports on the KVM switch. The TK-210K's inputs are color-coded for your convenience.



3. Connect each set of integrated KVM cables to each computer's video, PS/2, mouse, USB, speakers, and microphone connectors.



4. Turn on both computers. After the computers boot up completely, you may begin operating the KVM switch. **Installation is now complete.**

4. Operation

To switch between computers, you use the front-panel push buttons or hot-key commands.

Hot-Key Commands

A keyboard hot-key command consists of three keystrokes:
Please see the next page for more detail.

Hot-Key command = ScrLk + ScrLk + Command key(s)

After pressing the ScrLk key, you have 2 seconds to press the ScrLk key again. You then have another 2 seconds to press a command key. If you do not press a key within 2 seconds, the switch will exit hot-key mode.

MAC USERS

Standard PC Keyboard to MAC Keyboard mapping information:

ScrLk	+	ScrLk	+	C	=		CD/DVD drive eject key
ScrLk	+	ScrLk	+	F10	=	F13	
ScrLk	+	ScrLk	+	F11	=	F14	
ScrLk	+	ScrLk	+	F12	=	F15	

Quick Reference Sheet for TK-210K			
Command	Hot-Keys	Front-Panel Buttons	Description
Select PC (Select both PC & USB Hub port, if "binding" is enabled)3	ScrLk + ScrLk + X (x is a top-row number key) x = 1 ~ 2 for PC channel number	Press the PC button to toggle the PC channel	Select the active PC channel x (selects both PC & Hub port, if "binding" is enabled)
Select Hub Port (Select both PC & USB Hub port, if "binding" is enabled)3	ScrLk + ScrLk + FX (Fx is a function key) Fx = F1 ~ F2	Press the USB button to toggle the USB Hub port	Select the active USB hub port (select both PC & Hub port, if "binding" is enabled)
Bind PC & Hub Port Switching	ScrLk + ScrLk + Z	- - -	Enable the binding of PC & Hub port switching. (Once this feature is enabled, any PC and/or Hub port switching is bound together)
UnBind PC & Hub Port Switching	ScrLk + ScrLk + X	- - -	Disable the binding of PC & Hub port switching. (Factory default)
Next lower channel (selects both PC & USB Hub port, if "binding" is enabled)3	ScrLk + ScrLk +  (Arrow up)	- - -	Select the next lower connected channel. (select both PC and Hub port, if "binding" is enabled)
Next higher channel (select both PC & USB Hub port, if "binding" is enabled)3	ScrLk + ScrLk +  (Arrow down)	- - -	Select the next higher connected channel. (select both PC and USB Hub port, if "binding" is enabled)
Beep Sound On/Off	ScrLk + ScrLk + B	- - -	Toggle on/off the beep sound for Hot-Keys and port switching confirmation
Autoscan	ScrLk + ScrLk + S	- - -	Autoscan through each connected channel to browse each channel (delay = 10 \ seconds).
Stop Autoscan	Press any key on keyboard	Press any button.	Terminate Autoscan.

NOTE

1. A PS/2 Keyboard is required for proper hotkey function. If you use a USB keyboard, hotkey feature is disabled.
2. Note that (x) denotes a number key for the selected port number (x = 1 or 2). Currently only the top row number keys are available for hotkeys. Do not use the number pad for hotkey commands.
3. When the binding of PC & USB hub port switching is enabled by the hotkey sequence: ScrLk + ScrLk + Z, any PC and Hub switching are bound together. To remove this binding, use the hotkey sequence: ScrLk + ScrLk + X.
4. Normally, you should have no problems 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 sometimes cause the mouse to lock.
5. If you use a USB keyboard and mouse, you have to make the hub port "sync" with your PC port before you can operate your computer properly.
6. The USB hub status LED (red) indicates not the connected status of each USB device, but indicates which PC port has the control of a hub port and their connected device. For example, when USB LED 1 is lit, it means PC port 1 has the current control of all hub ports and their connected USB devices.

Mouse Troubleshooting on a non-PnP OS (Linux, Windows NT 4.0): 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:

Hot-Key convention: The hotkey notation for example (ScrLk + ScrLk + X.) denotes that you should hit the individual key consecutively one at a time, not simultaneously.

Specifications

Computer Connections:	2
USB Interface:	USB 1.1 Compliant
KVM Cable:	2 sets of integrated 1.2 M (4 ft) KVM Cables 2 sets of USB A-B cables, 1.2 M (4 ft) 2 sets of Audio and Microphone cables, 1.2 M (4 ft)
Console Port Connectors:	2 x USB Type A female port 1 x PS/2 keyboard 6-pin mini din female 1 x PS/2 mouse 6-pin mini din female 1 x VGA HDB15 (15-pin) female 1 x 3.5mm audio jack 1 x 3.5mm microphone jack
PC Port Connectors:	2 x USB Type B female port 2 x VGA HDB15 (15-pin) female 2 x 3.5mm audio jack 2 x 3.5mm microphone jack
VGA Resolution:	1920 x 1440
Port Selection:	Push Button and Hot-Key Commands
Auto-Scan Intervals:	10 seconds
Power Type:	PS/2, USB Interface Power Optional 9V DC, 500mA Adapter
Dimensions:	137 x 88 x 44 mm (5.39 x 3.46 x 1.73 inches)
Weight:	Approx. 295g. (10.5 Oz.)
Operating Temperature:	0° ~ 40°C (32° ~104° F)
Storage Temperature:	-20° ~ 60°C (-4° ~ 140° F)
Humidity:	0%~90%, Non-Condensing
Certifications:	FCC and CE

Troubleshooting

Q1: Where is the power supply? I did not find one in the box.

A1: The TK-210K does not require a power supply. It draws power from the USB or PS/2 connection of your computers. As long as you are connected to the USB or PS/2 port, your KVM switch will function.

Q2: I have the KVM switch connected properly but my keyboard and mouse doesn't function. Why?

A2: If you are using a USB mouse, make sure your USB port is working properly. You can simply test the USB port by seeing if whether your other USB devices work when connected to that port. Once the USB port is confirmed to be functional, reboot your computers and try to use the KVM switch again.

Q3: Can I connect and disconnect the USB cables while the computers are turned on?

A3: Yes, you can connect or disconnect the USB cables while the computers are turned on because the USB interface is Plug-and-Play and Hot-Pluggable.

Q4: Will the KVM switch restore the keyboard settings when switching between computers?

A4: Yes, the KVM switch will restore the custom keyboard settings for each computer. (Cap lock, Num key, etc.)

Q5: How do I switch from one computer to another with the KVM switch?

A5: The TK-210K supports Push button and Hot-Key commands, so you can switch PCs by pressing the Push button on the KVM switch or by using the Hot-Key commands listed on the reverse side of this page.

If you have further questions, please contact Trendware's Technical Support Department.

Contact Technical Support

Telephone: +1-310-626-6252
Fax: +1-310-626-6267
Website: www.TRENDNET.com
E-mail: support@trendware.com

Technical Support Hours

7:00AM ~ 6:00PM, Monday through Friday
Pacific Standard Time (except holidays)

Certifications

This equipment has been tested and found to comply with FCC and CE Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received.
Including interference that may cause undesired operation.





Product Warranty Registration

Please take a moment to register your product online.
Go to TRENDware's website at <http://www.TRENDNET.com>

TRENDware International, Inc.
3135 Kashiwa Street
Torrance, CA 90505

<http://www.TRENDNET.com>