

TK-204K/TK-404KR

**2/4 port DVI-KVM Switch
User's Guide**

**Guide de l'utilisateur du
Switch audio DVI-KVM à 2/4 ports**

**Diese Benutzeranleitung
2/4-facher DVI-KVM-Umschalter mit Audiofunktion**

**Esta guía del usuari
Conmutador con audio DVI-KVM de 2/4 puertos**

Version 11.30.04



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

Table of Contents

English	1
1. Prepare for Installation	1
2. Introduction	2
3. Installation	3
4. Operation	4
Specifications	7
Troubleshooting	8

English UG

1. Prepare for Installation

Thank you for purchasing TRENDnet's TK-204K/404KR 2/4 port DVI-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-204K/404KR 2/4-Port DVI KVM Switch with Audio is compatible with virtually all computers and operating systems. You only need to have one set LCD monitor, PS/2 keyboard, PS/2 mouse, microphone and speakers.

2. Introduction

The TK-204K/404KR DVI-KVM Switch is a 2/4-port DVI-KVM Switch for multimedia-enabled computers. The TK-204K/404KR allows you to operate 2/4 computers using only one monitor, PS/2 keyboard, PS/2 mouse, set of speakers, and microphone.

Hardware Support

The TK-204K/404KR DVI-KVM Switch is compatible with the PC platform. The TK-204K/404KR is also compatible with virtually all PS/2 mice, including Microsoft Intellimouse, IntelliMouse Explorer, Microsoft Optical Mouse and Logitech Net Mouse.

Software Support

The TK-204K/404KR DVI-KVM Switch does not require any drivers or software. It is compatible with the following operating systems: Windows 98SE/ME/2000/XP, Linux, and others.

Plug-N-Play

The TK-204K/404KR DVI-KVM Switch connects to your computers via the PS/2 interface for convenient Plug-and-Play functionality.

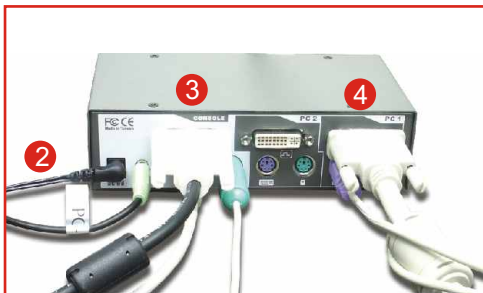
Front-panel buttons and Hot-Key Commands

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

With full-sized features crammed into a space-conserving size, TRENDnet's TK-204K/404KR KVM Switch is perfect for use at home or in the office.

3. Installation

1. Turn off computers and their peripherals, and disconnect all power cords.
2. Connect the Power Adapter to your TK-204K/404KR DVI-KVM switch.
3. Connect the shared keyboard, monitor, mouse, speakers and microphone to their respective ports on the KVM switch. The TK-204K/404KR's inputs are color-coded for your convenience.
4. Connect each set of integrated KVM cables to each computer's video, PS/2 keyboard, PS/2 mouse, speakers, and microphone connectors.
5. 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.

For complete Hot-Key commands, please see reverse page.

Quick Reference Sheet for TK-204K/TK-404KR

Command	Hot-Keys	Front-Panel Buttons	Description
Select PC Channel (Joint-select PC port/hub port control/ audio&mic, if binding is enabled)	ScrLk + ScrLk + X <small>(x is a top-row number key) x = 1-2 / x = 1-4 for PC channel number</small>	Press the corresponding button to select the active PC channel	Select the active PC channel (Joint-select PC port /audio&mic , if binding is enabled)
Select Audio&Mic Channel (Joint-select PC port & audio/mic, if binding is enabled)	ScrLk + ScrLk + Fy <small>Fy = F5-F6/Fx=F5-F8 (Fy is a function key) y = 1-2 / y = 1-4 for audio/mic channel number</small>	- - -	Select the active Audio&Mic channel (Joint-select PC & audio&mic channel, if binding is enabled)
Bind PC & Audio/Mic Switching [Default]	ScrLk + ScrLk + Q	- - -	Enable the binding of PC port and audio&mic switching. (Once this feature is enabled, any pc and/or audio&mic switching is bound together) [Factory Default]
Unbind PC & Audio/Mic Switching	ScrLk + ScrLk + W	- - -	Disable the binding of PC port and audio&mic switching
Next lower PC channel	ScrLk + ScrLk +  <small>(Arrow up)</small>	- - -	Select the next lower connected channel
Next higher PC channel	ScrLk + ScrLk +  <small>(Arrow down)</small>	Press the push button to switch to the next channel	Select the next higher connected channel
Previous PC channel	ScrLk + ScrLk +  <small>(Back Space)</small>	- - -	Toggle between the previous channel and current channel
Autoscan Beep Sound On/Off	ScrLk + ScrLk + B	- - -	Toggle on/off the beep sound for switching confirmation while autoscanning
Reset Console Mouse	ScrLk + ScrLk + End	- - -	Reset mouse on the console side
Autoscan	ScrLk + ScrLk + S	- - -	Autoscan through every connected channel for quick screen browsing of each channel (default delay time = 5 sec)
Autoscan with Programmable Delay Time	ScrLk + ScrLk + S + X <small>x = 0-9 1>10° ; 2>20° ; 3>30° ; 4>40° ; 5>50° 6>60° ; 7>70° ; 8 >80° ; 9>90° ; 0>100°</small>	- - -	Autoscan with a user-defined delay time within a range of 5 ~ 100 seconds
Stop Autoscan	Press any key on keyboard	- - -	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 binding the PC ports, port binding is enabled by the hotkey sequence: ScrLk + ScrLk + Q. All PC ports are bound together. To remove this binding, use the hotkey sequence: ScrLk + ScrLk + W.
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 the mouse will lock sometimes.

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 (TK-204K) or 4 (TK-404KR)
KVM Cable:	2 sets of integrated 1.2M (ft) DVI-KVM Cables with Audio. (TK-204K) 4 sets of integrated 1.8 M (5.9ft) DVI-KVM Cables with Audio. (TK-404KR)
Console Port Connectors:	1 x PS/2 keyboard 6-pin mini din female 1 x PS/2 mouse 6-pin mini din female 1 x DVI-I Single Link female 1 x 3.5mm audio jack 1 x 3.5mm microphone jack
PC Port Connectors:	2 x PS/2 keyboard 6-pin mini din female (TK-204K) 2 x PS/2 mouse 6-pin mini din female (TK-204K) 2 x DVI-I Single Link female (TK-204K) 4 x PS/2 keyboard 6-pin mini din female (TK-404KR) 4 x PS/2 mouse 6-pin mini din female (TK-404KR) 4 x DVI-I Single Link female (TK-404KR)
Digital Display Resolution:	1600 x 1200
Port Selection:	Push Button and Hot-Key Commands
Auto-Scan Intervals:	5 seconds
Power Type:	PS/2 Optional 9V DC, 1A Adapter
Dimensions:	140 x 86 x 45 mm (5.51 x 3.38 x 1.77inches)(TK-204K) 220 x 100 x 45mm (8.66 x 3.94 x 1.77 inches)(TK-404KR)
Weight:	Approx. 520g (1.8 Oz) (TK-204K) Approx. 1000g (35.2 Oz) (TK-404KR)
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: I have the KVM switch connected properly but my keyboard and mouse doesn't function. Why?

A1: Make sure that the following connections are properly made:

1. Connection of PS/2 mouse and PS/2 keyboard to the DVI-KVM switch.
2. Connection of DVI-KVM cables to the DVI-KVM switch.
3. Connection of DVI-KVM cables to the PCs.

Q2: Can I connect and disconnect the PS/2 cables while the computers are turned on?

A2: Yes, you can connect or disconnect the PS/2 cables while the computers are turned on because the PS/2 interface is Plug-and-Play.

Q3: Will the KVM switch restore the keyboard settings when switching between computers?

A3: Yes, the KVM switch will restore the custom keyboard settings for each computer. (Cap lock, Num key, etc.)

Q4: How do I switch from one computer to another with the KVM switch?

A4: The TK-204K/TK-404KR 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.





TRENDware, USA

What's Next in Networking

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>