

TK-403KR

4-port PS/2 KVM Switch
User's Guide

Guide de l'utilisateur
Switch Audio KVM à 4 ports

4-facher PS/2-KVM-Umschalter mit Audiofunktion
Diese Benutzeranleitung

Esta guía del usuari
Conmutador con audio de 4 puertos PS/2 KVM

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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-403KR 4-port PS/2 KVM Switch with Audio. 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-403KR 4-Port 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, speakers, and microphone.

2. Introduction

The TK-403KR KVM Switch is a 4-port PS/2 KVM Switch for multimedia-enabled computers. The TK-403KR allows you to operate four computers using only one monitor, PS/2 keyboard, PS/2 mouse, set of speakers, and microphone.

Hardware Support

The TK-403KR KVM Switch is compatible with the PC platform. The TK-403KR is also compatible with virtually all PS/2 mice, including Microsoft Intellimouse, Microsoft Optical Mouse, and Logitech Net Mouse.

Software Support

The TK-403KR KVM Switch does not require any drivers or software. It is compatible with the following operating systems: Windows 98SE/ME/2000/XP, Linux, and DOS.

Plug-N-Play and Hot-Pluggable

The TK-403KR KVM Switch connects to your computers via the 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 Hot-Key commands to switch between your computers quickly and easily.

With full-sized features packed into a space-conserving size, TRENDnet's TK-403KR 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 shared keyboard, monitor, mouse, speakers, and microphone to their respective ports on the KVM switch. The TK-403KR's inputs are color-coded for your convenience.
3. Connect each set of integrated KVM cables to each computer's video, PS/2 keyboard, PS/2 mouse, 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.

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

Quick Reference Sheet for TK-403K

Command	Hot-Keys	Front-Panel Buttons	Description
Select PC Channel	ScrLk + ScrLk + X x = 1-4 for PC channel number	Press the corresponding front-panel button to select the desired PC channel	Select the active PC channel
Select Audio&Mic Channel (Joint-select PC port and audio/mic, if binding is enabled)	ScrLk + ScrLk + Fy y = 1-4 for audio/mic channel number	- - -	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]
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 +  (Back Space)	- - -	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	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,).
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 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.

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:	4
KVM Cable:	4 sets of integrated 1.7 M (5.725 ft) KVM Cables with Audio.
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 VGA HDB15 (15-pin) female 1 x 3.5mm audio jack 1 x 3.5mm microphone jack
PC Port Connectors:	4 x PS/2 keyboard 6-pin mini din female 4 x PS/2 mouse 6-pin mini din female 4 x VGA HDB15 (15-pin) female
VGA Resolution:	2048 x 1536
Port Selection:	Push Button and Hot-Key Commands
Auto-Scan Intervals:	5 seconds
Power Type:	PS/2 Optional 9V DC, 500mA Adapter
Dimensions:	255 x 117.5 x 45 mm (10.0 x 4.62 x 1.77inches)
Weight:	Approx. 1000g. (35.2 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-403KR does not require a power supply. It draws power from the PS/2 connection of your computers. As long as you are connected to the 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: Make sure that the following connections are properly made:

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

Q3: Can I connect and disconnect the PS/2 cables while the computers are turned on?

A3: 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 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-403KR 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>