



## Quick Installation Guide



**TK-423K**

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# 1. Before You Start



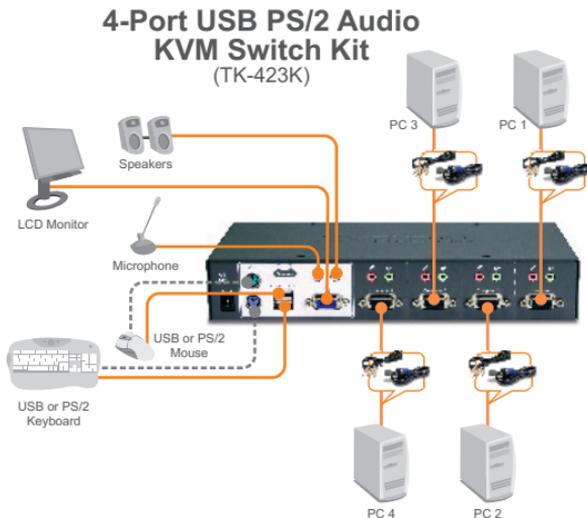
## Package Contents

- TK-423
- Quick Installation Guide
- AC Power Adapter (5V DC, 2A)
- 4 sets of KVM Cables

## System Requirements

- PS/2 or USB Keyboard
- PS/2 or USB Mouse
- VGA Compatible Monitor
- KVM cables
- Windows 98SE/ME/2000/2003 Server/Vista, Linux, and Netware.

## Application



## 2. How to Install

1. Turn **OFF** all computers and their peripherals, and then disconnect all power cords.



2. Connect the shared PS/2 or USB keyboard, monitor, PS/2 or USB mouse, speakers (optional) and microphone (optional) to the KVM switch's **Console Port**.



### Connecting to USB Computer

3. Use the KVM cables to connect your PC to the KVM Switch. Then proceed to step 6.  
Note: Do not connect the PS/2 keyboard cable to your computer.

To KVM



To Computer via USB

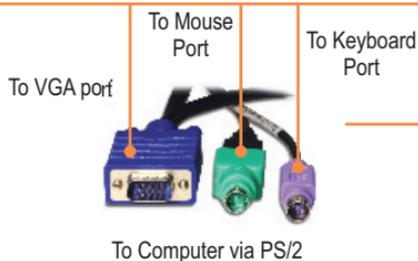


## Connecting to PS/2 Computer

4. Connect the USB to PS/2 mouse adapter to the USB connector.



5. Use the KVM cables to connect your PC to the KVM Switch.



6. Connect the included audio cables to the KVM switch and to your PC.



7. Connect the included AC Power Adapter to the KVM switch and then to a power outlet.

**Your installation is now complete.**

## 3. Operation

Note: To switch between computers, you can use the front-panel push buttons or the Hot Key commands.

### LED Indicators

**Green LED light:** Indicates the selected PC port is active, whether the computer is turned on or off.



### Push Buttons

Press the push buttons to switch between computers.

### Hot-Key Commands

A keyboard hot-key command consists of three keystrokes:

**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.

To select a specific PC port:

Select PC = **ScrLk** + **ScrLk** + **X**    x = 1~4 for PC channel number

For a list of all the Hot-Key commands, please see the Quick Reference Sheet.

## Quick Reference Sheet for TK-423

Command	Hot-Keys	Front-Panel Buttons	Description
Select PC	ScrLk + ScrLk + X	Press the Push Button for a specific port to switch to that port	Select the active PC channel
Next lower channel	ScrLk + ScrLk +  (Arrow up)	Press the Push Button for a specific port to switch to that port	Select the next lower PC connected channel
Next higher channel	ScrLk + ScrLk +  (Arrow down)	Press the Push Button for a specific port to switch to that port	Select the next higher PC connected channel
Previous channel	ScrLk + ScrLk + 	- - -	Toggle between the previous channel and current channel.
Select Audio/MIC Channel	ScrLk + ScrLk + Fx	- - -	Select the active Audio/Mic channel
Bind PC and Audio/Mic Switching	ScrLk + ScrLk + Q	- - -	Enable the binding of PC port and Audio/Mic port switching. (Once this feature is enabled, PC and Audio/Mic switching is bound together. This feature is enabled by default.
Unbind PC and Audio/Mic Switching	ScrLk + ScrLk + W	- - -	Disable the binding of PC and Audio/Mic switching.
Autoscan Beep Sound On/Off	ScrLk + ScrLk + B	- - -	Toggle On/Off beep sound during Autoscan mode.
Console Mouse/Keyboard Reset	ScrLk + ScrLk + END	- - -	Reset Mouse/Keyboard on the console side
Define Hotkey Sequence (default = ScrLK + ScrLK)	ScrLk + ScrLk + H + Y <small>Y = Scroll Lock, Caps Lock, Esc, F12 or Num Lock</small>	Press and hold down button 4 for over 8 seconds, then release the button and press the  key. <small>Y = Scroll Lock, Caps Lock, Esc, F12 or Num Lock</small>	Select the hotkey preceding sequence among 5 options
Autoscan	ScrLk + ScrLk + S	Press any push button	Autoscan through every connected channel for quick screen browsing of each channel
Autoscan with Programmable Delay Time	ScrLk + ScrLk + S + X <small>(X) = 0-9 1 = 10 seconds      6 = 60 seconds 2 = 20 seconds      7 = 70 seconds 3 = 30 seconds      8 = 80 seconds 4 = 40 seconds      9 = 90 seconds 5 = 50 seconds      0 = 100 seconds</small>	- - -	Specify a delay within a range of 10-100 seconds
Stop Autoscan	Press any key on keyboard	Press any button or key	Stop Autoscan activity

**Note:**

If you have defined a different hotkey preceding sequence key (e.g. Caps Lock, Esc, F12), press that button instead of scroll lock. For example, if you want to turn off activate autoscan and have defined the hotkey preceding sequence key as F12, press F12 + F12 + S.

# Specifications

<b>Management:</b>	4 computers
<b>Console Port Connectors:</b>	1 x USB keyboard Type A 1 x USB mouse Type A 1 x PS/2 keyboard 6-pin mini din female 1 x PS/2 mouse 6-pin mini din female 1 x VGA HDB 15-pin female 1 x 3.5mm audio in/out jack 1 x 3.5mm microphone in/out jack
<b>PC Port Connectors:</b>	4 x VGA HDB 15-pin female 4 x 3.5mm audio in/out jack 4 x 3.5mm microphone in/out jack
<b>VGA Resolution:</b>	2048 x 1536
<b>Port Selection:</b>	Push Button and Hot-Key Commands
<b>LED Segment:</b>	Per Port : PC Active (Green)
<b>Keyboard State:</b>	Saved and restored
<b>Auto-Scan Intervals:</b>	10 ~ 100 seconds
<b>Power:</b>	External AC Power Adapter : 5V DC, 2.5A
<b>Dimensions:</b>	255 x 117.5 x 45 mm
<b>Weight:</b>	935g (2.07lbs)
<b>Temperature:</b>	Operating: 0° ~ 40° C (32° ~ 104° F)
<b>Humidity:</b>	0%~90%, Non-Condensing
<b>Certifications:</b>	FCC and CE

**Q1: Do I need to use the included external AC adapter?**

**A1:** You must use the included external AC adapter with the TK-423 KVM switch.

**Q2: I have the KVM switch connected properly, but my keyboard and mouse don't work. What should I do?**

**A2:** First, make sure the power adapter is plugged into your KVM switch. Second, make sure your PS/2/USB ports are working properly by connecting your mouse and keyboard directly to the PS/2 or USB port computer. Third, once you confirm that the PS/2 or USB ports are functional, please reboot your computers, and try to use the KVM switch again. Fourth, if your computer is running Windows 98SE, you may need to download and install the USB hot fix. Please go to this link for download and installation instructions: <http://support.microsoft.com/kb/q240075>. Once the hot fix is installed, follow the installation instructions in Section 2.

**Q3: Can I connect or disconnect the KVM cables while the computers are turned on?**

**A3:** Yes, you can connect or disconnect the KVM cables while the computers are turned on, because the interface is Hot-Pluggable.

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

**A4:** Yes, the KVM switch will restore the keyboard settings when switching between computers. (i.e.: Caps Lock, Num Lock, etc.)

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

**A5:** You can switch computers by pressing the Push Buttons on the KVM switch or using the Hot Key commands. Go to Section 3 Operation for more information.

If you still encounter problems or have any questions regarding the TK-423K, please contact Trendnet's Technical Support Department.

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Governing Law: This Limited Warranty shall be governed by the laws of the state of California.

AC/DC Power Adapter, Cooling Fan, Power Supply, and Cables carry a

## 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.



Waste electrical and electronic products must not be disposed of with household waste. Please recycle where facilities exist. Check with you Local Authority or Retailer for recycling advice.



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