TRENDnet®



User's Guide

TK-214i

V1

ABOUT THIS GUIDE

The 2-Port DVI USB KVM Switch Kit with Audio lets you manage 2 computers with just one set of keyboard, DVI monitor, mouse, and a set of speakers and microphone. KVM and Audio are integrated into the TK-214i; no additional equipment required. The USB console port provides support for the latest USB keyboard and mouse. Popular hardware platforms such as PC and Mac operating system are supported. Users can switch between computers by using push button switch, hot-key or KVM Switcher Software. The KVM utility support both Windows & Mac operation system. It provide a client application to let the KVM switching operations such computer selection, hotkey sequence programming, auto scanning, autoscan delay time programming, independent/simultaneous audio & computer Switching, etc.

The TK-214i offers USB 2.0 interface technology for Plug and Play and hot-pluggability. In addition to connect to mouse or keyboard, the two USB 2.0 ports can also be connected to other high-speed USB devices.

Package Contents

Unpack the package and check all the items carefully, and be certain that you have:

- 1 x TK-214i KVM Switch
- 1 x CD-ROM (Utility & User's Guide)
- Multi-Language Quick Installation Guide

If any item is damaged or missing, please contact your local dealer for replacement. Please also keep the original packaging material in case you need to ship the unit in the future.

System Requirements

- Operating System:
  Microsoft Windows 7/Vista/2003 Server/XP/2000/ME/98SE and Linux, Mac OS(10.1~10.6)
- USB keyboard
- USB mouse
- DVI Monitor
- Microphone and Speaker (optional)

General Features

- Connects 2 computers with one keyboard, monitor and mouse
- Integrated audio and microphone cables
- Works with most USB mouse and keyboard device
- Supports super HD Video quality, up to 1920 x 1200 pixel resolution
- Supports Windows 7/Vista/2003 Server/XP/2000/ME/98SE, Linux, and Mac OS
- Multi-Platform supports for PC or Mac.
- Hot-Plug pluggable.
- Switches computers by hot-keys, push button or KVM Switcher software
- Auto-Scan & LED display for easy status monitoring
- User definable hot-key (Windows & Mac only)
- USB Bus Power
- 2-Year limited warranty

Operate the KVM Switch

Hardware Installation

1. Connects the shared USB keyboard, mouse, monitor, microphone/speakers (optional) to your KVM Switch

2. Connects one set of USB/DVI/Microphone/Speaker cable to 1st computer and connect another set of USB/DVI/Microphone/Speaker to the 2nd computer. After you have connected the KVM and the computer properly, the KVM Switch is ready to use.

NOTE:

- *Some computers with USB interface may require you to manually enable the USB option in the BIOS setting before using any USB device. If your USB interface does not work, please check the USB Status option in BIOS.*
- *If you are using the Windows 98(SE) and have not installed a USB mouse yet, it is highly recommend that you connect the USB mouse directly to computer first before it connects to KVM Switch.*

KVM Switch Operation

There are three methods to select the computers

(1) One-touch push button switch

(2) Keyboards hot key commands

(3) KVM Switcher Software

Push Button Switch

The One-Touch push button switch allows you to switch to another computer by click the button.

Keyboard hot key commands

User-definable hot key for computer selection:

Hotkey sequence = Ctrl + Alt + [command key]*
Universal hotkey for computer toggle-switching:

** Please refer to next section for keys that are qualified to be used as a command key*

NOTE:

- *Both the universal hotkey, Scroll Lock + Scroll Lock and the user-definable hotkey, Ctrl + Alt + [command key]* ***WILL NOT*** *allow you to switch to an empty port that is not connected to any computer. To force your KVM to switch to an empty port, just press the push button switch to switch.*

Universal Hotkey sequence = Scroll Lock + Scroll Lock

** For other operating systems such as Linux, you can still use this special hotkey to facilitate computer switching. This special hotkey is not available for Mac. However, you can press push button switch to switch to another computer.*

- Each keystroke within a hotkey sequence should be pressed within 2 seconds. Otherwise, the hotkey sequence will not be validated.

- After perform port switching, you have to wait till the KVM Switch icon shows forth the target port before you can perform next switching again. The KVM Switch icon could be found on the system tray of your Windows desktop after its installation.
- All the hotkeys are only functional after your computers are booting into the OS. If you want to switch computer in the BIOS/preboot stage, press the push button switch.

KVM Switcher Software

In addition to computer push button switch or hotkey command, the KVM switcher software provides the additional switching method. The detail is described in next section.

KVM Switcher Operation Reference

For Windows User

1. Insert the Installation CD-ROM into your computer's CD-ROM drive to initiate the Auto-Run program, and the menu screen will appear as below.



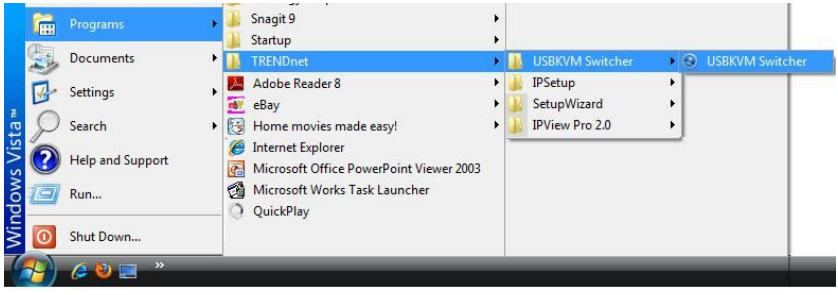
2. Click **Install Utility** from the Auto-Run menu screen. The welcome screen appears as below. Click ***Next >***.



3. When completed, click ***Finish***.



4. After installing the utility, the KVM Switcher Software is automatically installed to your computer, and creates a folder in **Start\Program\TRENDnet\USBKVM Switcher**



5. The KVM Switch icon on the system tray of your window desktop. Right click to evoke the operation menu and double-click to evoke configuration box.



: **No live connection detected**

: **Current active computer channel is on port 1**

: **Current active computer channel is on port 2**

For Mac User

1. Insert the Installation CD-ROM into your computer's CD-ROM drive.
2. Double-click TK-214i CD-ROM icon on the desktop
3. Double-click on the Macintosh folder, then select TrendnetUSBKVMSwitcher.pkg".
4. Follow the instruction to finish the installation.
5. The KVM Switch icon on the system tray of your window desktop. Right click to evoke the operation menu and double-click to evoke configuration box.



: **No live Connection detected**

: **Current active computer channel is on port 1**

Current active computer channel is on port 2

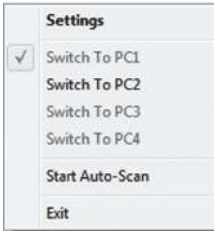
NOTE:

- *For Mac user, the KVM Switcher Software only supports Mac OS 10.4 (tiger) or higher. For older Mac operating system users, please use push button switch to switch between computers. Mac does not support universal keyboard hotkey command.*
- *For Linux user, please use push button switch or universal keyboard hotkey "**Scroll Lock** + **Scroll Lock**" to switch between computers.*

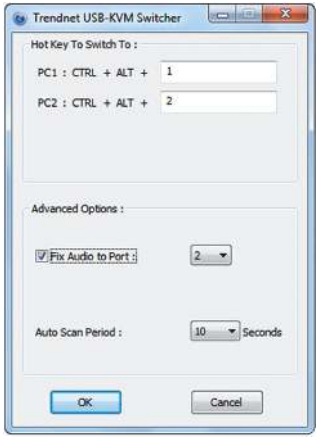
Using KVM Switching Software

Right-click the KVM Switching icon from the system tray to evoke the operation menu, then select the available computer for switching. Once the computer channel (e.g. PC1 or PC2) has been selected, it will immediately switch to that computer. Note: the unconnected port(s) or the inactive port will be grayed-out and non-selectable.

Windows Version:



Operation Manual

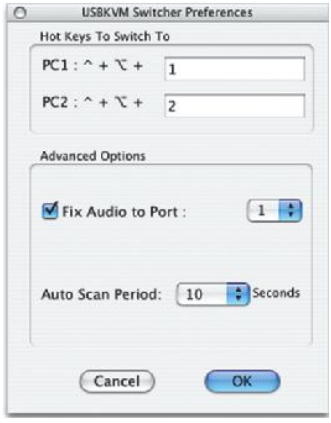


Configuration Dialog Box

Mac Version:



Operation Manual



Configuration Dialog Box

NOTE:

- *On the Mac version of KVM Switcher, if you want the KVM Switcher open at login or Keep in dock, please select the option in the operation manual.*

You can also switch to computer X by using the keyboard hot keys. Hit the hot key according to your current hotkey definition:

Hot key sequence = Ctrl + Alt + [command key]*

** The factory default hotkey setting is Ctrl + Alt + 1 or Ctrl + Alt + 2 for computer 1 or computer 2. You can also use Scroll Lock + Scroll Lock to switch computer.*

Start Auto-scan

Right-click the KVM Switcher icon to evoke the operation menu, then select *Start Auto-Scan* to activate auto-scanning.

Stop Auto-scan

While it is on the auto scanning mode, right-click the KVM Switcher icon to evoke the operation menu, then select *Stop Auto-Scan* to de-activate auto-scanning.

KVM Switcher Software configuration

Right-click the KVM Switcher icon and select *Settings* or double-click the icon to bring up the configuration dialog box.

Define Hotkey commands

You can specify the command key as you like by typing it in. For example, you can specify the hot key for switching to PC 1 as CTRL + ALT + A by typing an A (not case-sensitive) in the editable field.

Hotkey Sequence = CTRL + ALT + [command key]*

** The command key is user-definable via the configuration dialog box*

- Except those control keys such as Alt, Ctrl, Shift, CAPS, Tab, Esc and those functions keys and edit keys, all other keys on the keyboard, including those number keys on the number pad are all qualified to be used a hotkey command key. In addition to the software KVM Switching by the operation menu and the user-defined hotkeys, you can always use the universal hotkey for PC switching – Scroll Lock + Scroll Lock

Fixed Audio Port at Computer X

Check this option and then select the computer to fix the audio/microphone channel to the selected computer. Once this option is checked, the audio/microphone channel will be fixed and become non-switchable.

Auto Scan Period

Select the Auto Scan Period from 10 ~ 60 seconds with an increment of 5 seconds. The Auto-scan period is the time your KVM Switch will wait to switch to next computer.

Limited Warranty

TRENDnet warrants its products against defects in material and workmanship, under normal use and service, for the following lengths of time from the date of purchase.

TK-214i – 2 Years Limited Warranty

Camera's motor, AC/DC Power Adapter, Cooling Fan, and Power Supply carry 1 year warranty.

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