



Quick Installation Guide  

TK-804R
2.01

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Package Contents

- TK-804R
- Multi-Language Quick Installation Guide
- AC Power Adapter (9V DC, 1A)
- Rack mount kit
- Daisy-chain cable (HDB 15-pin male to HDB 15-pin female) (9in/22.86cm)
- Daisy-chain terminator (HDB 15-pin male)

System Requirements

- PS/2 or USB Keyboard
- PS/2 or USB Mouse
- VGA Compatible Monitor
- USB KVM Cables (e.g. TK-CU06/TK-CU10/TK-CU15)
- Windows 95/98(SE)/ME/2000/NT/XP/2003 Server/Vista, Linux, Unix, Mac

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, and PS/2 or USB mouse to the KVM switch's **Console Port**.



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



4. Use the KVM cables to connect your PC to the KVM switch.



5. Turn **ON** the connected computers one-by-one and wait until each computer's desktop appears.



PC 1, 2, 3, 4, 5, 6, 7, 8

ENGLISH

Français

DEUTSCH

Español

Русский

Daisy-Chain

Note:

1. The maximum accumulated daisy-chain cable length is 30 meters
2. You must use the daisy-chain cable provided with the KVM switch
3. You can only daisy-chain the KVM switch with another TK-804R
4. You can daisy-chain up to 16 KVM switches. There is a maximum of 128 PCs connections

1. Connect one end of the provided daisy-chain cable to the **Daisy-Chain OUT** port on the first (master) KVM switch.



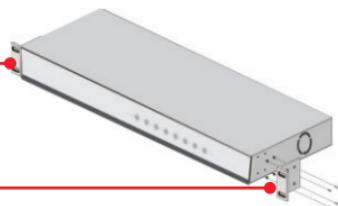
2. Connect the opposite end of the daisy-chain cable to the **Daisy-Chain IN** port on the second (slave) KVM switch.

Rack Mount

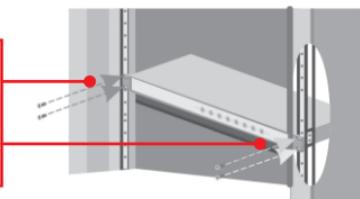
The KVM Switch can be mounted in an EIA standard-size 19-inch rack, which can be placed in a wiring closet with other equipment.

Note: If you would like to mount the KVM switch to a EIA 19" equipment rack, install the included mounting brackets to the sides of the KVM switch, secure them with the screws provided, and then mount the KVM switch to the equipment rack with the hardware provided by the equipment rack manufacturer.

1. Attach the mounting brackets to both sides of the KVM switch and secure them with the provided screws.



2. Carefully position the KVM switch onto the rack. Align the bracket to the screw holes on the rack, then use the screws provided with the equipment rack to mount the KVM switch.



Your configuration is now complete.

Register Your Product

To ensure the highest level of customer service and support, please take a moment to register your product Online at: www.trendnet.com/register

Thank you for choosing TRENDnet.

3. Operation

Note: To switch between computers, you can use the front-panel push buttons, On Screen Display (OSD) or the Hot Key commands.

LED Indicators

Red LED light: KVM cable is connected and PC is powering the KVM switch.

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

Bank Number

Indicates the sequence of the KVM switch when daisy-chained.



Push Buttons

Press the push buttons to switch between computers.

ENGLISH

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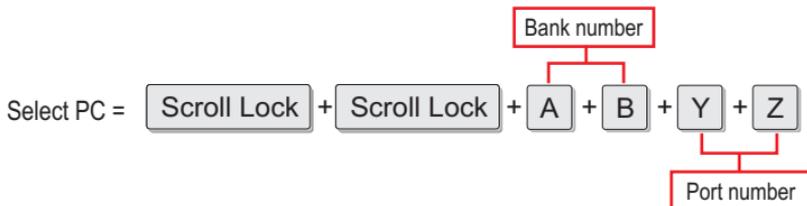
Hot-Key Commands

A keyboard hot-key command consists of at least three keystrokes:

Hot Key command = Scroll Lock + Scroll Lock + Command key(s)

After pressing the Scroll Lock key, you have 2 seconds to press the Scroll Lock key again. You then have another 2 seconds to press a command key. A beep confirms that the KVM switch is in "Hot-Key" mode. If you do not press a key within 2 seconds, the switch will exit hot-key mode.

To select a specific PC port:



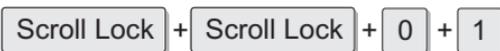
For example, to select port 1 on the 1st KVM switch, you hit the following key sequence.

Select PC = 

For example, to select port 08 of the 8th KVM switch on a series of daisy-chained TK-804R's you hit the following key sequence:

Select PC = 

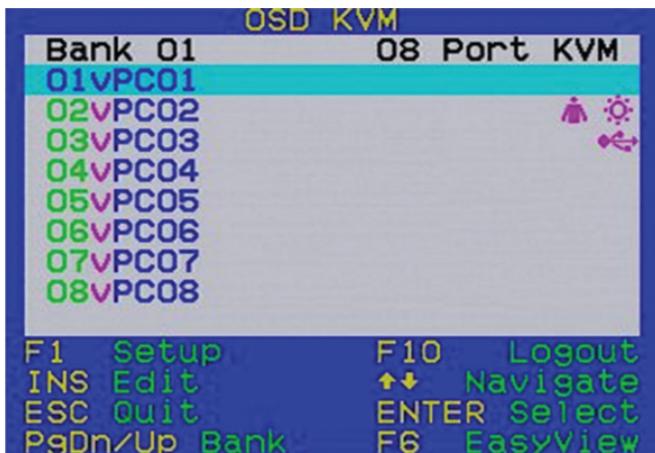
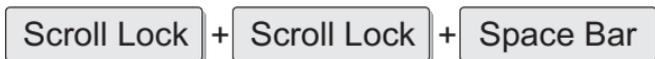
Note: When using the KVM switch standalone, do not enter the bank number. For example, to select port 1 on the KVM switch you hit the following key sequence.

Select PC = 

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

On Screen Display (OSD) Control

To activate the OSD Menu, use the following hot-key command:



Note: For detailed information regarding the OSD, please refer to the Quick Reference Sheet.

Quick Reference Sheet for TK-804R

Command	Hot-Keys	Front-panel	OSD	Description
Select PC	Daisy-chain: Scroll Lock + Scroll Lock + A + B + Y + Z Standalone: Scroll Lock + Scroll Lock + Y + Z (AB) = bank number (YZ) = 2-digit channel number	Press Push Button for a specific port to the switch	Use arrow keys to select and then hit enter	Select the active bank (switch) and channel (computer)
Next lower channel	Scroll Lock + Scroll Lock + ↓	---	Use arrow keys to select and then hit enter	Select the next lower connected channel. Only works within active bank
Next higher channel	Scroll Lock + Scroll Lock + ↑	---	Use arrow keys to select and then hit enter	Select the next higher connected channel. Only works within active bank
Next lower bank	Scroll Lock + Scroll Lock + PageDown	---	PgDn	Select the next lower bank when multiple switches are daisy-chained
Next higher bank	Scroll Lock + Scroll Lock + PageUp	---	PgUp	Select the next higher bank when multiple switches are daisy-chained
Autoscan Beep Sound On/Off	Scroll Lock + Scroll Lock + B	---	---	Toggle On/Off beep during utoscan mode.
Reset / Initialize	Scroll Lock + Scroll Lock + End	---	---	Reset/boots/initialize daisy-chain and activates password protections)
Load Factory Default	---	---	F1 (Setup Page) → Load Default	Restore the EEPROM settings to the factory default. (except for password)
Define Hot key Sequence (default = Scroll Lock + Scroll Lock)	---	---	F1 (Setup Page) → Hot key Use left and right arrows to select (Scroll Lock, Caps Lock, Esc., F12 or Num Lock)	Select the hot key preceding sequence among 5 alternative keys
Change PC Name	---	---	Use arrow keys to select, then hit insert to edit	Change the PC Name.

Quick Reference Sheet for TK-804R

Command	Hot-Keys	Front-panel	OSD	Description
Show OSD Menu	<input type="button" value="Scroll Lock"/> + <input type="button" value="Scroll Lock"/> + <input type="button" value="Space Bar"/>	---	---	Activates OSD menu
Autoscan	<input type="button" value="Scroll Lock"/> + <input type="button" value="Scroll Lock"/> + <input type="button" value="S"/>	---	---	Autoscan through every connected channel for quick browsing of each channel
Autoscan with Programmable Delay Time	---	---	F1 (Setup Page) → Autoscan period. Use left and right arrows to select	Specify a delay within a range of 5-95 seconds
Stop Autoscan	<input type="button" value="Press any key on keyboard"/>	Press any button or key	---	End Autoscan activity
Auto Logout Timeout Enable/Disable (0-99 min)	---	---	F1 (Setup Page) → Auto Logout. Use left and right arrows to select	Specify the time out for auto logout - screen/keyboard/mouse locked after timeout period for security (default/disable = 0)
OSD Menu Timeout (0-95 seconds)	---	---	F1 (Setup Page) → OSD Timeout	Specify the timeout for OSD menu [default = 60 seconds; 0 = disable]
OSD Title Bar On/Off	<input type="button" value="Scroll Lock"/> + <input type="button" value="Scroll Lock"/> + <input type="button" value="T"/>	---	---	Enable/disable the OSD Title Bar [default = ON]
OSD Title Bar Position (Left/Right)	---	---	F1 (Setup Page) → Title Bar. Use left and right arrows to select	Select the OSD title bar position on your screen
Setup Password (Disable/Enable)	---	---	F1 (Setup Page) → Setup Password	Enable/disable password protection [default == disable; password length <= 8 characters]
Last Known Active Port Restore (Disable/Enable)	<input type="button" value="Scroll Lock"/> + <input type="button" value="Scroll Lock"/> + <input type="button" value="L"/>	---	---	Enable/Disable the restore feature to the last known active port before a power loss. Two beeping sounds for confirmation (if beep sound is enable) This feature is disabled by default

Note:

- If you have defined a different hot key preceding sequence key (e.g. Caps Lock, Esc, F12), press that button instead of scroll lock. For example, if you want to turn off beep and have defined the hot key preceding sequence key as F12, press F12 + F12 + B.
- OSD Menu control is only available when the OSD menu is activated. To activate the OSD menu, use the hot key sequence Scroll Lock Scroll Lock Space Bar. When the OSD Menu is active, the mouse will be locked until you exit the OSD Menu.

Technical Specifications

Management	8 computers
Console Port Connectors	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
Daisy-Chain Port Connectors	1 x VGA HDB 15-pin male (Daisy-Chain OUT) 1 x VGA HDB 15-pin female (Daisy-Chain IN)
PC Port Connectors	8 x VGA HDB 15-pin
Daisy-Chain Levels:	16 Levels
Compatible Cables (sold separately)	TK-CU06 (6ft), TK-CU10 (10ft), TK-CU15 (15ft)
VGA Resolution	2048 x 1536
Maximum Number of PC Connections	128
Port Selection	Push Button, OSD and Hot Key Commands
LED	Per Port : PC Link (Red) ; PC Active (Green)
Keyboard State	Saved and restored
Auto-Scan Modes	Scan : all ports, active ports, ports within the EasyView scan group (EasyView scan groups are user defined) ; 10-100 second intervals programmable through OSD menu.
Power	External AC Power Adapter : 9V DC, 1A
Power Consumption	9 Watts (max)
Size (19" Rackmount)	1RU
Dimensions	407 x 164 x 55 mm (16 x 6.5 x 1.8 in)
Weight	1.89 kg (4.17 lbs)
Temperature	Operating: 0° ~ 40° C (32° ~ 104° F) Storage: -20° ~ 60° C (-4° ~ 140° F)
Humidity	0% ~ 90% Non-Condensing
Certifications	CE and FCC

Do I need to use the included external AC adapter?

It is recommended that you use the included external AC adapter with the TK-804R KVM switch.

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

1. make sure the power adapter is plugged into your KVM switch.
2. Make sure your PS/2/USB ports are working properly by connecting your mouse and keyboard directly to the PS/2 or USB port on your computer.
3. Once you confirm that the PS/2 or USB ports are functional, please reboot your computers, and try to use the KVM switch again.
4. 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.

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

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

Will the KVM switch restore the keyboard settings between computers?

Yes, the KVM switch will restore the keyboard settings when switching between computers. (i.e.: Cap lock, Num key, etc.)

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

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.

I already have the TK-207K/TK-407K. Can I use the KVM cables that come with the TK-207K/TK-407K with the TK-804R?

You cannot use the KVM cables that come with the TK-207K/TK-407K. The pin layout for the TK-804R is different from the TK-207K/TK-407K. You must use the TK-CU06/TK-CU10/TK-CU15.

Does the keyboard and mouse have to be the same type (e.g. USB or PS/2)?

One device can be USB while the other device is PS/2.

If you still encounter problems or have any questions regarding the **TK-804R**, please contact TRENDnet's Technical Support Department.

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TK-804R - 2 Year Limited Warranty AC/DC Power Adapter, Cooling Fan and Power Supply carry 1 year warranty

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PWP05202009v2

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.



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