



Quick Installation Guide  

**TK-401R**  
**TK-801R**  
**TK-1601R**

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## Package Contents

- TK-401R/TK-801R/TK-1601R
- Multi-Language Quick Installation Guide
- Rack mount kit
- AC Power Adapter (9V DC, 1A)  
(TK-801R/TK-1601R)

## System Requirements

- PS/2 Keyboard
- PS/2 Mouse
- VGA Compatible Monitor
- PS/2 KVM cables (e.g. TK-C06, TK-C10, TK-C15)
- Windows 98SE/ME/2000/XP/2003 Server/Vista, Linux, Unix

## 2. How to Install

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



2. Connect the shared PS/2 keyboard, monitor, and PS/2 mouse to the KVM switch's **Console Port**. (TK-801R shown)



3. Connect the included AC Power Adapter to the KVM switch and then to a power outlet (TK-801R /TK-1601R only).



4. Use the PS/2 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 (TK-401R)  
PC 1, 2, 3, 4, 5, 6, 7, 8 (TK-801R)  
PC 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12,  
13, 14, 15, 16 (TK-1601R)

## Rack Mount

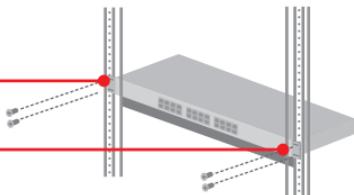
The KVM Switch can be mounted in an EIA standard-size, 19-inch rack, which can be placed in a wiring closet with other equipment.

**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 installation is now complete.**

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

Thank you for choosing TRENDnet.

### 3. Operation

**Note:** To switch between computers, you can use the front-panel push buttons 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.

**Green LED flash:** The selected PC port is in scan mode or is not powered by the PC



#### Push Buttons

Press the push buttons to switch between computers.

ENGLISH

FRAANÇAIS

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## Hot Key Commands

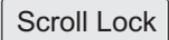
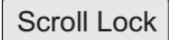
A keyboard hot key command consists of three keystrokes:

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

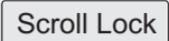
After pressing the Scroll Lock key, you have 2 seconds to press the Scroll Lock key again. You then have another 2 seconds to press a command key. A beep confirms that the KVM switch is in "Hot Key" mode. If you do not press a key within 2 seconds, the switch will exit hot key mode.

To select a specific PC port:

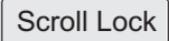
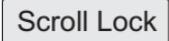
### For TK-401R

Y = Port number 1-4     +  + 

For example, to Select Port 1 on the KVM switch you hit the following key sequence

 +  + 

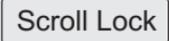
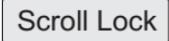
### For TK-801R/TK-1601R

 +  +  + 

Y Z = Port number 01-08 (TK-801R) or Port number 01-16 (TK-160R)

For example, to select **Port 1** or **Port 10** on the KVM Switch, you hit the following key sequence

Select Port 1 =  +  +  + 

Select Port 10 =  +  +  + 

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

## Quick Reference Sheet for TK-401R/801R/1601R

| Command                               | Hot Keys   | Front-Panel Buttons  | Description  |
|---------------------------------------|--|--|--|
| Select PC                             | TK-401R<br>Scroll Lock + Scroll Lock + Y<br>(Y)= 1-digit port number (1-4)<br>TK-801R/TK-1601R<br>Scroll Lock + Scroll Lock + Y + Z<br>(YZ)= 2-digit port number (01-16) | Press the Push Button for a specific port to switch to that port | Select the active PC channel   |
| Next lower channel                    | Scroll Lock + Scroll Lock + ↑  | ---  | Select the next lower PC channel   |
| Next higher channel                   | Scroll Lock + Scroll Lock + ↓  | ---  | Select the next higher PC channel  |
| Autoscan Beep Sound On/Off            | Scroll Lock + Scroll Lock + B  | ---  | Toggle On/Off beep sound during Autoscan mode  |
| Reset KVM                             | Scroll Lock + Scroll Lock + END  | ---  | Reset KVM  |
| Autoscan                              | Scroll Lock + Scroll Lock + S  | ---  | Autoscan through every connected channel for quick screen browsing of each channel                           |
| Autoscan with Programmable Delay Time | Scroll Lock + Scroll Lock + S + X<br>(X)= 5-99 Seconds   | ---  | Autoscan through every connected channel for quick screen browsing of each channel in intervals of X seconds |
| Stop Autoscan                         | Press any key on keyboard  | Press any button.  | Terminate Autoscan activity  |

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## Technical Specifications

|   |  |
|---|--|
| <b>Management</b>                               | TK-401R: 4 computers<br>TK-801R: 8 computers<br>TK-1601R: 16 computers   |
| <b>Console Port Connectors<br/>(all female)</b> | 1 x PS/2 keyboard 6-pin mini din<br>1 x PS/2 mouse 6-pin mini din<br>1 x VGA HDB15 15-pin  |
| <b>PC Port Connectors<br/>(all female)</b>      | 4/8/16 x PS/2 keyboard 6-pin mini din<br>4/8/16 x PS/2 mouse 6-pin mini din<br>4/8/16 x VGA HDB15 15-pin   |
| <b>VGA Resolution</b>                           | 1920 x 1440  |
| <b>Port Selection</b>                           | Push Button and Hot Key Commands   |
| <b>LED</b>                                      | Link (Green), Active (Red)   |
| <b>Keyboard State</b>                           | Save and restore   |
| <b>Auto-Scan Intervals</b>                      | 5 ~ 99 seconds   |
| <b>Power</b>                                    | PS/2 Interface Power<br>External AC Power Adapter : 9V DC, 1A (TK-801/TK1601 only)   |
| <b>Dimensions</b>                               | TK-401R: 202 x 104 x 45mm (8.0 x 4.1 x 1.8 in.)<br>TK-801R: 407 x 165 x 45mm (16.0 x 6.5 x 1.8in.)<br>TK-1601R: 406 x 165 x 85 mm (16.0 x 6.5 x 3.4 in.) |
| <b>Weight</b>                                   | TK-401R: 835g (1.84lb.)<br>TK-801R: 1.9 kg (4.2 lbs)<br>TK-1601R: 2.65 kg (5.85 lbs)   |
| <b>Temperature</b>                              | Operating: 0° ~ 40° C (32° ~ 104° F)<br>Storage: -20° ~ 60° C (-4° ~ 140° F)   |
| <b>Humidity</b>                                 | 0% ~ 90% Non-Condensing  |
| <b>Certifications</b>                           | 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-801R/TK-1601R KVM switch.

### **I have the KVM switch connected properly, but my keyboard and mouse don't work.**

Please make sure your PS/2 ports are working properly by testing it with another mouse or keyboard. Once you confirm that the PS/2 ports are functional, please reboot your computers, and try to use the KVM switch again.

### **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.

If you still encounter problems or have any questions regarding the **TK-401R/TK-801R/TK-1601R**, please contact Trendnet's Technical Support Department.

## 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-401R/TK-801R/TK-1601R - 2 Years Limited Warranty AC/DC Power Adapter, Cooling Fan and Power Supply carry a 1 year limited warranty**

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## 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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