



## Quick Installation Guide



**TK-803R**  
**TK-1603R**

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# 1. Antes de iniciar



## Contenidos del paquete

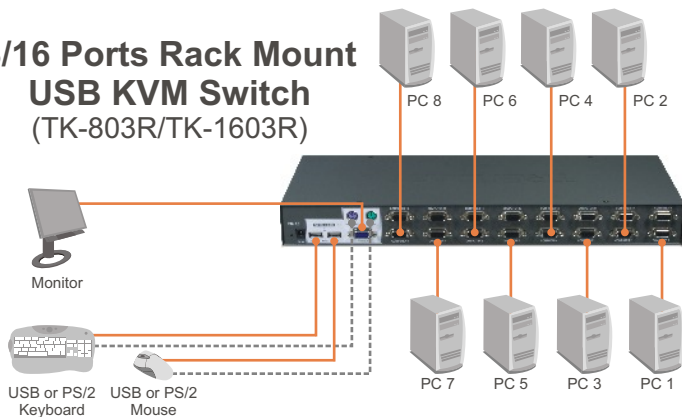
- TK-803R/TK-1603R
- Guía de instalación rápida
- Kit para montaje en estante
- Adaptador de alimentación AC

## Requisitos del sistema

- Teclado PS/2 o USB
- Ratón PS/2 o USB
- Monitor compatible VGA
- Cable KVM
- Windows 98SE/ME/2000/XP/2003 Server, Linux, y Mac

## Aplicación

### 8/16 Ports Rack Mount USB KVM Switch (TK-803R/TK-1603R)



## 2. Cómo se instala

1. Apague todos los PCs y sus periféricos, luego desconecte todos los cables de alimentación.

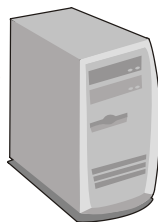
2. Utilice los cables KVM para conectar cada PC al conmutador KVM.

3. Conecte el teclado compartido PS/2 o USB, el monitor y el ratón PS/2 o USB al **puerto consola** del conmutador KVM. (Ver imagen del TK-1603R)

4. Conectar el adaptador de alimentación AC incluido al conmutador KVM, y después a una toma de corriente.



5. Encienda los PCs conectados uno por uno y espere hasta que aparezca el escritorio de cada PC.

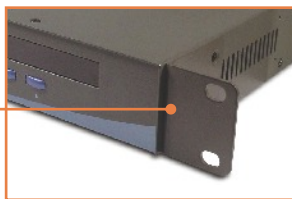


## Para montaje en bastidor

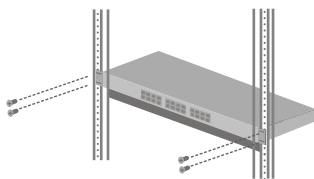
El conmutador puede montarse sobre un bastidor de 19 pulgadas tamaño estándar EIA, que puede colocarse en un armario de empalmes junto con otros equipos.

Nota: Si desea instalar el conmutador KVM a un bastidor de equipo EIA 19", coloque las abrazaderas de sujeción a ambos lados del conmutador KVM, asegúrelas con los tornillos suministrados, y luego incorpore el conmutador KVM al bastidor del equipo con el hardware proporcionado por el fabricante

6. Fije las abrazaderas de sujeción a ambos lados del conmutador y asegúrelas con los tornillos suministrados.



7. Coloque el conmutador con cuidado encima del bastidor. Haga que la abrazadera coincida con los orificios de los tornillos del bastidor, luego use los tornillos suministrados junto con el bastidor del equipo para montar el conmutador.



**La instalación ha sido completada**

## 3. Funcionamiento

Nota: Para la conexión entre PCs, se pulsán los botones del panel frontal o comandos “Hot-Key”.

### Indicadores LED

**LED con luz roja:** El cable KVM está conectado y el PC está haciendo funcionar el conmutador KVM.

**LED con luz verde:** Indica que el puerto PC seleccionado está activo, independientemente de que el PC esté encendido o apagado.



### Botones de arranque

Pulse los botones de arranque para la conexión entre PCs.

### Comandos Hotkey




Un comando hotkey del teclado consiste en pulsar tres teclas:

**Comando Hotkey = ScrLk + ScrLk + Tecla(s) de comando**




Después de pulsar la tecla ScrLk, dispone de 2 segundos para pulsar la tecla ScrLk otra vez. Ahora dispone de 2 segundos para presionar una tecla de comando. Si usted no pulsa una tecla en el plazo de 2 segundos, el conmutador saldrá del modo hotkey.

Para seleccionar un puerto PC específico:

### **Para TK-803R**

Seleccionar sólo canal de PC =  +  + 

Por ejemplo para seleccionar el puerto 1 en el TK-803R debe presionar la siguiente secuencia de teclas

:  
Seleccionar sólo canal de PC =  +  + 

### **Para TK-1603R**

Seleccionar sólo canal de PC =  +  +  + 

Por ejemplo para seleccionar el puerto 1 en el TK-1603R debe presionar la siguiente secuencia de teclas





:  
Seleccionar sólo canal de PC =  +  +  + 





Para seleccionar el puerto 10 en el TK-1603R, presione la siguiente secuencia de teclas





:  
Seleccionar sólo canal de PC =  +  +  + 





### **Usuarios de MAC**

Información para asignación del teclado estándar PC al teclado de MAC:

 +  +  =  CD/DVD drive eject key











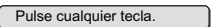
 +  +  = 

 +  +  = 

 +  +  = 

Para ver la lista de todos los comandos Hot-Key, por favor consulte la hoja de referencia rápida.

## Hoja de referencia rápida para el TK-803R/TK-1603R

Comando	Teclas Hotkeys	Botones del panel	Descripción
Seleccionar sólo canal de PC	<p>TK-803R  </p> <p>TK-1603R  </p> <p>(yz)= el número de canal de 2 dígitos</p>	Pulse el botón de arranque de un puerto específico para conectarse a ese puerto	Selecciona el canal activo de la PC
Canal próximo inferior	 (flecha arriba)	- - -	Seleccione el canal PC inferior más próximo
Canal próximo superior	 (flecha abajo)	- - -	Seleccione el canal PC superior más próximo
Autoescanear el sonido Beep Encendido/Apagado		- - -	Active o desactive el sonido Beep durante el modo Autoescanear
Ratón/Teclado Restablecer KVM		- - -	Restablecer ratón/teclado
Restablecer a configuraciones por defecto		- - -	Restablecer a configuraciones por defecto
Definir la secuencia HotKey (por defecto = ScrLk + ScrLk)	 Y = Scroll Lock (Bloq Despl), Caps Lock (Bloq Mayús), Esc (Escape), F12 o Num Lock (Bloq Núm)	- - -	Seleccione la secuencia hotkey precedente de entre 5 opciones
Autoscan (Escaneeo automático)		- - -	Autoescanear cada canal conectado para una rápida lectura en pantalla de cada canal
Autoescanear con tiempo de retraso programado	 (X) = 0-9 1 = 10 segundos 2 = 20 segundos 3 = 30 segundos 4 = 40 segundos 5 = 50 segundos 6 = 60 segundos 7 = 70 segundos 8 = 80 segundos 9 = 90 segundos 0 = 100 segundos	- - -	Autoescanear cada canal conectado para una rápida lectura en pantalla de cada canal en intervalos de X segundos
Detener Autoscan		Pulse cualquier botón	Finaliza el escaneo automático.

Nota: Si ha definido una secuencia de teclas hotkey diferente (ej. Caps Lock (Bloq Mayús), Esc (Escape), F12), presione el botón en lugar de la tecla scroll lock (Bloq Despl). Por ejemplo, si desea apagar el sonido beep y ha definido la secuencia de teclas hotkey (teclas de acceso directo) como F12, presione F12 + F12 + B.



# Specifications

<b>Management:</b>	TK-803R: 8 computers TK-1603R: 16 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
<b>PC Port Connectors: (all female)</b>	TK-803R: 8 x VGA HDB 15-pin TK-1603R: 16 x VGA HDB 15-pin
<b>VGA Resolution:</b>	2048 x 1536
<b>Port Selection:</b>	Push Button and Hot-Key Commands
<b>LED Segment:</b>	Per Port : PC Link (Green) ; PC Active (Red)
<b>Keyboard State:</b>	Saved and restored
<b>Auto-Scan Intervals:</b>	10 ~ 100 seconds
<b>Power:</b>	PS/2 Interface Power USB Interface Power External AC Power Adapter : 9V DC, 1A
<b>Size (19" Rack mount):</b>	1RU
<b>Dimensions:</b>	405 x 163 x 44 mm (15.94 x 6.42 x 1.74 in.)
<b>Weight:</b>	TK-803R : 1.84 kg (4.05 lbs) TK-1603R : 2.04 kg (4.5 lbs)
<b>Operating Temperature:</b>	0°C ~ 40°C (32°F ~104°F)
<b>Storage Temperature:</b>	-20°C ~ 60°C (-4°F ~ 140°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:** It is recommended that you use the included external AC adapter with the TK-803R/TK-1603R KVM switch.

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

**A2:** First, make sure your USB port is working properly by testing it with your other USB devices. Second, once you confirm that the USB port is functional, please reboot your computers, and try to use the KVM switch again. Third, 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 when switching 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 PCs by pressing the push button on the KVM switch or by using the Hot-Key commands. Go to Section 3 Operation for more information.

**Q6: How to upgrade new firmware to my KVM switch?**

**A6:** Please go to the TRENDnet website ([www.trendnet.com](http://www.trendnet.com)) to check if there is a new firmware available for your KVM switch and follow the installation procedure to perform the update.

If you still encounter problems or have any questions regarding the TK-803R/TK-1603R 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-803R/TK-1603R - 2-Year Warranty

If a product does not operate as warranted above during the applicable warranty period, TRENDnet shall, at its option and expense, repair the defective product or part, deliver to customer an equivalent product or part to replace the defective item, or refund to customer the purchase price paid for the defective product. All products that are replaced will become the property of TRENDnet. Replacement products may be new or reconditioned.

TRENDnet shall not be responsible for any software, firmware, information, or memory data of customer contained in, stored on, or integrated with any products returned to TRENDnet pursuant to any warranty.

There are no user serviceable parts inside the product. Do not remove or attempt to service the product by any unauthorized service center. This warranty is voided if (i) the product has been modified or repaired by any unauthorized service center, (ii) the product was subject to accident, abuse, or improper use (iii) the product was subject to conditions more severe than those specified in the manual.

Warranty service may be obtained by contacting TRENDnet office within the applicable warranty period for a Return Material Authorization (RMA) number, accompanied by a copy of the dated proof of the purchase. Products returned to TRENDnet must be pre-authorized by TRENDnet with RMA number marked on the outside of the package, and sent prepaid, insured and packaged appropriately for safe shipment.

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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 1 Year Warranty

## 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.



**NOTE:** THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

### ADVERTENCIA

En todos nuestros equipos se mencionan claramente las características del adaptador de alimentación necesario para su funcionamiento. El uso de un adaptador distinto al mencionado puede producir daños físicos y/o daños al equipo conectado. El adaptador de alimentación debe operar con voltaje y frecuencia de la energía eléctrica domiciliar existente en el país o zona de instalación.



## TRENDnet Technical Support

### US • Canada

**Toll Free Telephone:** 1(866) 845-3673

24/7 Tech Support



### Europe (Germany • France • Italy • Spain • Switzerland • UK)

**Toll Free Telephone:** +00800 60 76 76 67

English/Espanol - 24/7

Francais/Deutsch - 11am-8pm, Monday - Friday MET

### Worldwide

**Telephone:** +(31) (0) 20 504 05 35

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Francais/Deutsch - 11am-8pm, Monday - Friday MET

## Product Warranty Registration

Please take a moment to register your product online.

Go to TRENDnet's website at <http://www.trendnet.com>

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