TRENDnet TK-U404

TRENDnet TK-U404 4-Port USB 3.1 Sharing Switch User Manual

1. INTRODUCTION

The TRENDnet TK-U404 is a 4-Port USB 3.1 Sharing Switch designed to allow up to four computers to share USB 3.1 peripherals. This device simplifies the management of USB devices such as keyboards, mice, flash drives, scanners, and printers across multiple systems, eliminating the need to constantly swap cables. It supports USB 3.0, 2.0, and 1.1 backwards compatibility for broad device support.

Package Contents

- TK-U404 4-Port USB 3.1 Sharing Switch
- Quick Installation Guide
- 4x USB 3.1 Gen 1 Type A to Type A Cables
- 1x Micro USB Cable (for optional power)

Image: The TRENDnet TK-U404 switch shown with its included USB cables.

2. PRODUCT FEATURES

- **Device Interface:** 4 x USB 3.1 Gen 1 Type A ports for PCs; 4 x USB 3.1 Gen 1 Type A ports for devices; 1 x Micro USB port for optional power.
- **Easy Installation:** Driverless installation; simply plug in devices and computers.
- **USB Powered:** The switch is powered via USB, eliminating the need for an external power adapter in most scenarios.
- **Backwards Compatible:** Supports USB 3.0, 2.0, and 1.1 devices.
- **Compatibility:** Compatible with Windows and Mac operating systems.
- **LED Indicators:** LEDs show the currently active computer.
- **Compact Design:** Small form factor suitable for desktop installations.

3. SETUP

Connecting Computers

1. Identify the four USB 3.1 Gen 1 Type A ports labeled 'PC-1' through 'PC-4' on the switch.
2. Using the provided USB 3.1 Gen 1 Type A to Type A cables, connect each computer to one of the 'PC' ports on the switch.

Image: Rear view of the TK-U404 switch, highlighting the PC input ports.

Connecting USB Devices

1. Locate the four USB 3.1 Gen 1 Type A ports labeled 'DEVICE-1' through 'DEVICE-4' on the front of the switch.

2. Plug your USB peripherals (e.g., keyboard, mouse, flash drive, printer, scanner) into these 'DEVICE' ports.

Image: Front view of the TK-U404 switch, highlighting the device output ports.

Powering the Switch

The TK-U404 is typically powered via the USB connections from your computers. For devices requiring more power, an optional Micro USB cable can be connected to the 'POWER' port on the switch and to a USB power source (e.g., a USB wall adapter, not included).

Image: Side view of the TK-U404 switch, showing the Micro USB power input port.

Setup Video Guide

Video: An official TRENDnet guide demonstrating how to connect and share USB devices with multiple computers using the TK-U404.

4. OPERATION

Once all connections are made, the TK-U404 is ready for use. The switch operates by allowing you to select which connected computer has access to the shared USB devices.

Switching Between Computers

1. Locate the push button on the front of the TK-U404 switch.
2. Press the button to cycle through the connected computers (PC-1, PC-2, PC-3, PC-4).
3. The LED indicators next to the button will illuminate to show which computer is currently active and has control of the shared USB devices.
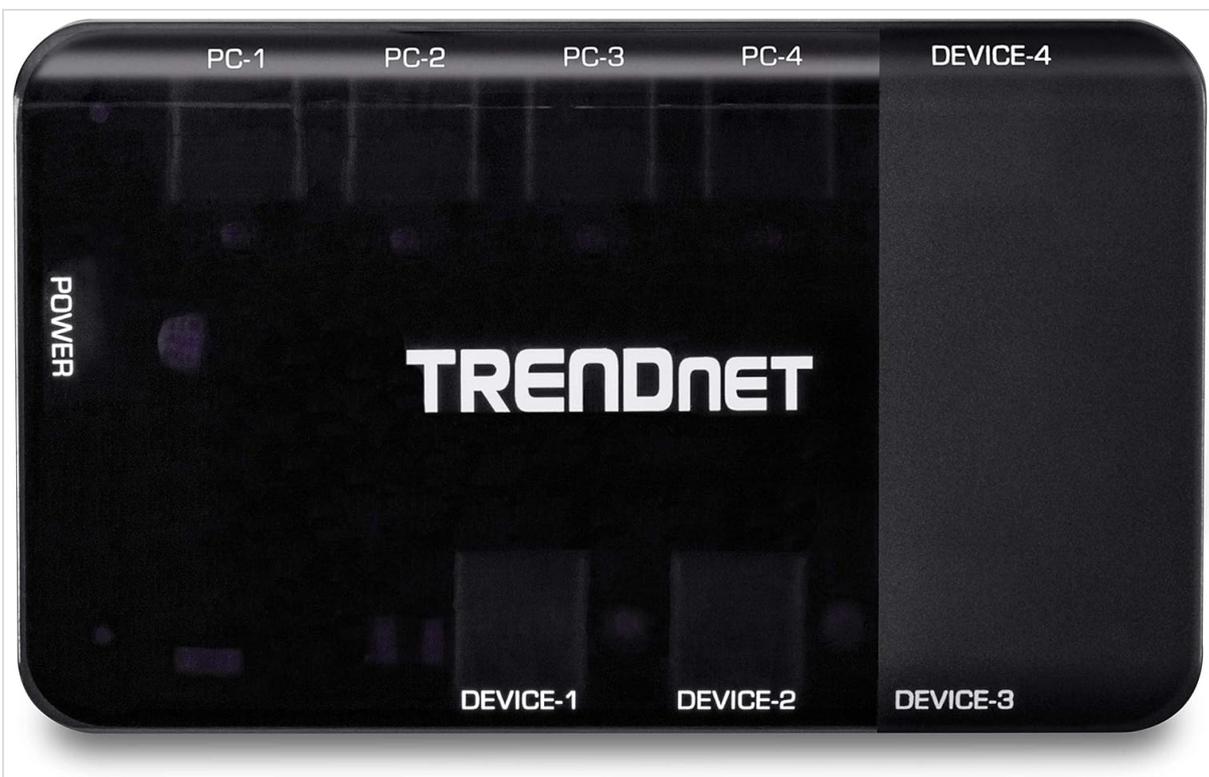
Image: Top view of the TK-U404 switch, showing the push button and LED indicators for active computer selection.

5. SPECIFICATIONS

Feature	Specification
Model Number	TK-U404
Device Interface	4 x USB 3.1 Gen 1 Type A (PC), 4 x USB 3.1 Gen 1 Type A (Device), 1 x Micro USB (Power)
Operating System Compatibility	Windows, Mac
USB Standard	USB 3.1 Gen 1 (backward compatible with USB 3.0, 2.0, 1.1)
Power Source	USB Powered (optional Micro USB for additional power)
Operating Voltage	5 Volts (DC)
Item Dimensions (LxWxH)	4.8 x 2.8 x 0.87 inches
Item Weight	3.45 ounces
Operating Temperature	32 to 104 Degrees Fahrenheit (0 to 40 Degrees Celsius)
Material	Plastic

6. MAINTENANCE

To ensure optimal performance and longevity of your TRENDnet TK-U404, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid using liquid cleaners or

aerosols, as they may damage the unit.

- **Environment:** Keep the switch in a cool, dry place, away from direct sunlight, heat sources, and excessive moisture.
- **Cable Management:** Ensure all cables are connected securely and are not excessively bent or strained.
- **Ventilation:** Do not block any ventilation openings on the device.

7. TROUBLESHOOTING

If you encounter issues with your TK-U404, refer to the following common troubleshooting steps:

No Device Recognition

- **Check Connections:** Ensure all USB cables are firmly connected to both the switch and the computers/devices.
- **Verify Active Computer:** Confirm that the correct computer is selected on the switch (check the LED indicators).
- **Test Devices Directly:** Connect the USB device directly to a computer to confirm it is functional.
- **Power Supply:** If using high-power USB devices, connect the optional Micro USB power cable to the switch and a power source.
- **Try Different Ports/Cables:** Test with different USB ports on the switch and computers, and try different USB cables.

Slow Performance

- **USB Standard:** Ensure both your computers and devices support USB 3.1 Gen 1 (or USB 3.0) for optimal speeds. Using USB 2.0 devices or ports will result in USB 2.0 speeds.
- **Cable Quality:** Use high-quality USB 3.1 Gen 1 cables.
- **Power Supply:** Insufficient power can sometimes lead to slower speeds. Ensure adequate power is supplied, especially for multiple high-power devices.

8. WARRANTY AND SUPPORT

Manufacturer Protection

The TRENDnet TK-U404 4-Port USB 3.1 Sharing Switch is backed by 2 years of TRENDnet Manufacturer Protection. Please refer to the official TRENDnet website or your purchase documentation for full warranty terms and conditions.

Technical Support

TRENDnet provides reliable technical support. Our English-speaking advisors and tech experts are available during normal business hours to assist with any product-related inquiries.

For further assistance, please visit the official TRENDnet support website or contact their customer service directly.