

Owner's Manual

DisplayPort KVM Switch with Audio and SuperSpeed USB 3.0 Hub

Models: B004-DPUA2-K, B004-DPUA4-K

Table of Contents

Package Contents	2	Installation	4
Optional Accessories	2	Operation	5
System Requirements	2	Warranty and	7
Features	3	Product Registration	

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Package Contents

B004-DPUA2-K

- (x2) DisplayPort Cables – 4 ft.
- (x2) USB 3.0 A/B Cables – 4 ft.
- (x2) 3.5 mm Mini-Stereo Speaker/Microphone Cables – 4 ft.
- External Power Supply (Input: 100/240V, 50/60 Hz, 0.5A; Output: 9V, 2A)
- Owner's Manual

B004-DPUA4-K

- (x4) DisplayPort Cables – 6 ft.
- (x4) USB 3.0 A/B Cables – 6 ft.
- (x4) 3.5 mm Mini-Stereo Speaker/Microphone Cables – 6 ft.
- External Power Supply (Input: 100/240V, 50/60 Hz, 0.5A; Output: 9V, 2A)
- Owner's Manual

Optional Accessories

- P579-006 DisplayPort Extension Cable (M/F) – 6 ft.
- P580-Series DisplayPort Cables (M/M)
- U322-Series USB 3.0 A/B Cables (M/M)
- U324-Series USB 3.0 A/A Extension Cables (M/F)
- U326-Series USB 3.0 Micro-B/A Cables (M/M)

System Requirements

- DisplayPort monitor
- Computer with an available USB 3.0 port (a USB 2.0 or 1.1 port can be used, but it will not achieve USB 3.0 speeds)
- USB keyboard and mouse
- Speaker and microphone with 3.5 mm mini-stereo jacks (if using the audio feature)
- Computer with 3.5 mm mini-stereo speaker and microphone jacks (if using the audio feature)
- OS-independent; compatible with all major operating systems

Features

- Control two or four DisplayPort computers with a single DisplayPort monitor, USB keyboard and USB mouse
- DisplayPort, USB 3.0, and audio cabling included
- Switch ports via pushbutton or keyboard hotkey commands
- Auto Scan feature automatically switches between connected computers at regular intervals
- 3.5 mm mini-stereo speaker and microphone connections allow sharing of audio equipment between systems
- Supports 2-channel stereo audio
- Audio can be switched independently, allowing music to play from one computer while you access another computer
- Features two SuperSpeed USB 3.0 hub ports for sharing peripherals between connected computers
- Supports USB 3.0 data transfer rates up to 5 Gbps; backward compatible with USB 2.0 and 1.1 devices
- USB hub functionality can be switched independently, allowing you access to one computer while the USB hub ports remain connected to another computer
- Advanced emulation technology ensures compatibility with USB keyboards and mice, and provides super-fast port switching
- Supports digital video resolutions up to 2560 x 1600
- DDC emulation sends the monitor's EDID information to connected computers to ensure optimal video quality

Installation

Notes: Before beginning installation, power off all devices that will be connected to the KVM switch. You must also unplug the power cords of any computers that have the keyboard "Power On" feature.

1. Connect the external power supply to the KVM switch, then plug it into a Tripp Lite Surge Protector, Uninterruptible Power Supply (UPS), or Power Distribution Unit (PDU).
2. Connect the USB keyboard and mouse to the KVM's corresponding USB console ports.
3. If connecting a microphone and speakers, plug their 3.5 mm mini-stereo plug into the KVM's corresponding 3.5 mm mini-stereo console ports.
4. Connect the DisplayPort monitor to the KVM's DisplayPort console port.
5. If connecting USB peripherals, plug them into the KVM's two SuperSpeed USB 3.0 hub ports.
6. Using the included DisplayPort, USB 3.0, and audio cables, connect the computer ports on the KVM to a computer.
7. Repeat **step 6** for each computer you are connecting.
8. Power on the connected computers and devices.

Operation

There are two ways to access the computers connected to your KVM switch; *Pushbutton* or *Keyboard Hotkey Commands*.

Pushbutton

Press the pushbutton located on the front of the KVM of the port you want to switch to. When switching between ports, the default is for the computer, audio and USB hub functionality to be switched together. To un-bind either audio or USB hub control from port switching, use the keyboard hotkey commands listed in the following section.

Keyboard Hotkey Commands

Another way to switch between connected computers is to use keyboard hotkey commands. Besides allowing you to switch computers, hotkey commands perform other functions, such as binding/unbinding computer switching with audio and/or the USB hub ports, initiating an auto scan, etc. When entering a hotkey command, each keystroke must be within two seconds of the previous keystroke for the command to be initiated. The following table lists the available keyboard hotkey commands, explains how to initiate them and describes their function.

Command	Hotkey	Description
Select Computer Port	[Scroll Lock] [Scroll Lock] [x] x = 1, 2, 3 or 4	Switches the KVM focus to the selected port.
Select USB Hub Focus	[Scroll Lock] [Scroll Lock] [Fx] Fx = [F1] for port 1, [F2] for port 2, etc.	Selects which computer port has the focus of the USB hub ports. Note: When computer and hub switching are bound together, switching hub focus will also switch the focus of the KVM.
Select Audio Focus	[Scroll Lock] [Scroll Lock] [Fy] Fy = [F5] for port 1, [F6] for port 2, etc.	Selects which computer port has the focus of the audio and microphone ports. Note: When computer and audio switching are bound together, switching audio focus will also switch the focus of the KVM.
Bind Computer and Hub Switching	[Scroll Lock] [Scroll Lock] [Z]	Binds computer and hub switching together. This is enabled by default.

Operation

Command	Hotkey	Description
Unbind Computer and Hub Switching	[Scroll Lock] [Scroll Lock] [X]	Unbinds computer and hub switching, allowing access to one computer while the focus of the hub is on the other.
Bind Computer and Audio Switching	[Scroll Lock] [Scroll Lock] [Q]	Binds computer and audio switching together. This is enabled by default.
Unbind Computer and Audio Switching	[Scroll Lock] [Scroll Lock] [W]	Unbinds computer and audio switching, allowing access to one computer while playing audio from the other.
Next Lower Computer Port	[Scroll Lock] [Scroll Lock] [↑]	Switches the KVM focus to the computer directly prior to the currently selected computer.
Next Active Lower Computer Port	[Scroll Lock] [Scroll Lock] [Backspace]	Switches the KVM focus to the next active computer directly prior to the currently selected computer. If a computer is not connected to a port, or if the connected computer is powered off, it will be skipped.
Next Higher Computer Port	[Scroll Lock] [Scroll Lock] [↓]	Switches the KVM focus to the computer directly after the currently selected computer.
Define Hotkey Preceding Sequence	[Scroll Lock] [Scroll Lock] [H] [x] x = [Scroll Lock], [Caps Lock], [Num Lock], [Esc], [F12], Left [Ctrl], and Right [Ctrl]	Selects which key will be used for the hotkey preceding sequence. The default is [Scroll Lock]. Note: <i>The Hotkey Preceding Sequence can also be changed using the front panel buttons. Press and hold down the highest number button (2 or 4) until you hear two beeps. After the two beeps, release the button and press the key that you wish to use for the Hotkey Preceding Sequence.</i>
Auto Scan	[Scroll Lock] [Scroll Lock] [S]	Initiates an Auto Scan at a scan interval of 10 seconds.

Operation

Command	Hotkey	Description
Auto Scan with Programmable Scan Interval	[Scroll Lock] [Scroll Lock] [S] [x] x = 1 through 6 1 = 10, 2 = 20, 3 = 30, 4 = 40, 5 = 50, 6 = 60	Initiates an Auto Scan at the chosen scan interval.
Exit Auto Scan	Press any key on the keyboard, or the KVM pushbutton	Stops an Auto Scan at the selected computer.
Turn Beeper On/Off	[Scroll Lock] [Scroll Lock] [B]	Turns beeping sound on or off
Restore Defaults	[Scroll Lock] [Scroll Lock] [R]	Restores the KVM's default settings.

Warranty and Product Registration

3-YEAR LIMITED WARRANTY

TRIPP LITE warrants its products to be free from defects in materials and workmanship for a period of three (3) years from the date of initial purchase. TRIPP LITE's obligation under this warranty is limited to repairing or replacing (at its sole option) any such defective products. To obtain service under this warranty, you must obtain a Returned Material Authorization (RMA) number from TRIPP LITE or an authorized TRIPP LITE service center. Products must be returned to TRIPP LITE or an authorized TRIPP LITE service center with transportation charges prepaid and must be accompanied by a brief description of the problem encountered and proof of date and place of purchase. This warranty does not apply to equipment, which has been damaged by accident, negligence or misapplication or has been altered or modified in any way.

EXCEPT AS PROVIDED ABOVE, IN NO EVENT WILL TRIPP LITE MAKE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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Warranty and Product Registration

PRODUCT REGISTRATION

Visit www.tripplite.com/warranty today to register your new Tripp Lite product. You'll be automatically entered into a drawing for a chance to win a FREE Tripp Lite product!*

* No purchase necessary. Void where prohibited. Some restrictions apply. See website for details.

FCC Notice, Class B

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications to this equipment not expressly approved by Tripp Lite could void the user's authority to operate this equipment.

WEEE Compliance Information for Tripp Lite Customers and Recyclers (European Union)



Under the Waste Electrical and Electronic Equipment (WEEE) Directive and implementing regulations, when customers buy new electrical and electronic equipment from Tripp Lite they are entitled to:

- Send old equipment for recycling on a one-for-one, like-for-like basis (this varies depending on the country)
- Send the new equipment back for recycling when this ultimately becomes waste

Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice.



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