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4-Port Dual DisplayPort 1.2 KVM Switch | 4K 60 Hz

Actual product may vary from photos

User Manual

SKU#: SV431DPDDUA2

For the latest information and specifications visit
www.startech.com/SV431DPDDUA2

Manual Revision: 02/20/2020

Compliance Statements

FCC Compliance Statement

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

Industry Canada Statement

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.

CAN ICES-3 (B)/NMB-3(B)

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Safety Statements

Safety Measures

- Wiring terminations should not be made with the product and/or electric lines under power.
- Product installation and/or mounting should be completed by a certified professional as per the local safety and building code guidelines.
- Cables (including power and charging cables) should be placed and routed to avoid creating electric, tripping or safety hazards.

Mesures de sécurité

- Les terminaisons de câblâge ne doivent pas être effectuées lorsque le produit et/ou les câbles électriques sont sous tension.
- L'installation et/ou le montage du produit doit être réalisé par un professionnel certifié et dans le respect des normes locales et du code de construction local.
- Les câbles (y compris les câbles d'alimentation et de chargement) doivent être placés et acheminés de façon à éviter tout risque électrique, de chute ou de sécurité

安全対策

- 電源が入っている状態の製品または電線の終端処理を行わないでください。
- 製品の設置やマウントは、使用地域の安全ガイドラインおよび建築基準に従い、有資格の専門業者が行うようにしてください。
- ケーブル（電源ケーブルと充電ケーブルを含む）は、適切な配置と引き回しを行い、電気障害やつまづきの危険性など、安全上のリスクを回避するようにしてください。

Misure di sicurezza

- I terminiali dei fili elettrici non devono essere realizzate con il prodotto e/o le linee elettriche sotto tensione.
- L'installazione e/o il montaggio dei prodotti devono essere eseguiti da un tecnico professionale certificato che conosca le linee guida locali sulle norme edilizie e sulla sicurezza.
- I cavi (inclusi i cavi di alimentazione e di ricarica) devono essere posizionati e stesi in modo da evitare pericoli di inciampo, rischi di scosse elettriche o pericoli per la sicurezza.

Säkerhetsåtgärder

- Montering av kabelavslutningar får inte göras när produkten och/eller elledningarna är strömförda.
- Installation och/eller montering får endast göras av behöriga yrkespersoner och enligt gällande lokala förordningar för säkerhet och byggnormer.
- Kablar (inklusive elkablar och laddningskablar) ska dras och placeras på så sätt att risk för snubblingsolyckor och andra olyckor kan undvikas.

Warning Statements

- Make sure to assemble this product according to the instructions. Failure to do so might result in personal injury or property damage.
- Never use this product if parts are missing or damaged.

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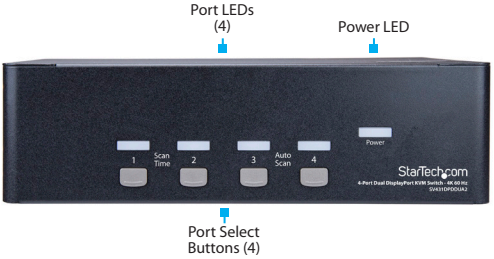
Product Diagram

Front



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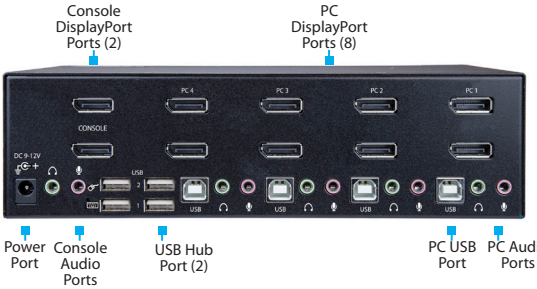

Package Contents

- 1 x KVM Switch
- 1 x Universal Power Adapter (NA/JP, EU, UK, ANZ)
- 4 x Rubber Feet
- 1 x Quick-Start Guide

Requirements

Requirements are subject to change. For the latest requirements, please visit www.StarTech.com/SV431DPDDUA2.

- DisplayPort Cables
- USB-A to USB-B or USB-C to USB-B Cables
- 3.5 mm Audio Cables
- Computer System or Video Card with DisplayPort
- Computer System with USB
- Display Device with DisplayPort (Monitor, Projector, TV, etc.)
- USB Keyboard
- USB Mouse

Installation

Setting Up a PC

- In **Standard CMOS**, set **Halt on Error** to **All But Keyboard**.
- In **PNP and PCI Setup**, set **PNP OS Installed** to **Yes**.
- In **PNP and PCI Setup**, set **USB IRQ** to **Enabled**.

Connect the console to the KVM switch

1. Turn off your computer and any devices or peripherals that are connected to it (for example, printers, external hard drives, and so on).
2. Connect two monitors or displays to the Console DisplayPort ports.
3. Do one of the following:
   - Connect a keyboard and a mouse to the Console keyboard and Console mouse ports.
   - If you're using a combination wireless keyboard and mouse, connect the wireless receiver to the Console keyboard port.
4. If necessary, do any of the following:

Connect speakers to the Console speaker port.

- Connect a microphone to the Console microphone port.
- Connect USB peripherals to the USB hub ports.

Connect a computer to the KVM switch

Notes: *No software or driver installation is required.*

The cables for each individual computer must be connected to the same port set on the KVM switch.

1. Turn off the computers that you want to connect to the KVM switch and any devices or peripherals that are connected to the computers (for example, printers, external hard drives, and so on).

2. Connect a DisplayPort video cable to each of the DisplayPort ports on your computer and to the PC DisplayPort ports of the same set, on the KVM switch.
3. Connect a USB cable to the USB port on the computer and to the PC USB port on the KVM switch.
4. If you're using audio, connect speakers to the Console speaker port and your microphone to the Console microphone port on the KVM switch.
5. To connect additional computers, repeat steps 1 to 4.
6. If you want to share USB peripherals between connected computers or devices, connect the peripherals to the USB hub ports on the KVM switch.
7. Connect the universal power adapter to a power source and to the Power adapter port on the KVM switch. The Power LED illuminates to confirm the switch is receiving power.
8. Turn on any devices or peripherals that are connected to the KVM switch, then turn on the connected computer. Wait for the computer to finish loading and then test the functionality of the keyboard and mouse of the connected computer.
9. If additional computers are connected to the KVM switch, select a different port and repeat step 8 until you have tested the functionality of all of the connected computers.

Auto Scan

The KVM switch features Auto scan, which enables you to automatically switch between the connected computers at a timed interval.

To activate Auto scan:

1. Hold down Port selection buttons 3 and 4 simultaneously, until the KVM switch beeps. You can repeat this process multiple times to change the timed interval between 3, 8, 15 and 30 seconds respectively.
2. To exit Auto scan, press any of the port selection buttons.

Hotkey Commands

Notes: *Each Hotkey sequence starts with* **Ctrl***,* **Ctrl** *(left Ctrl key).*

A high pitch beep after entering a sequence indicates that the sequence was entered correctly.

A Low pitch beep after entering a sequence indicates that the sequence was entered incorrectly.

Command	Function
Select Computer	Ctrl, Ctrl, 1 - 4 (1 - 4 indicate the port selection)
Auto Scan	Ctrl, Ctrl, F1
Abort Auto Scan	Ctrl, Ctrl

Auto Scan w/ Delay	Ctrl, Ctrl, S, 0 - 9 0 = 100 , 1 = 10, 2 = 20, 3 = 30, 4 = 40, 5 = 50, 6 = 60, 7 = 70, 8 = 80, 9 = 90 (seconds)
Manual Scan	Ctrl, Ctrl, F2
Manual Scan (Select Computer)	Crtl, Crtl, Up and down keys
Adjust Scan Rate	Ctrl, Ctrl, F3
Bind PC/Audio and Mic switching	Crtl, Crtl, Q
Unbind PC/Audio and Mic switching	Crtl, Crtl, W
Previous PC Port	Crtl, Crtl, Backspace
Define Hotkey	Crtl, Crtl, H, Hotkey Hotkey = ScrLk, Caps Lock, Esc, F12, or Num Lock

About the LED Indicators

The KVM switch features a Port selection/link LED for each port, as well as a power LED. For more information about the LEDs, consult the table below.

LED	Behavior	Scenario
Power LED	Illuminated	KVM switch is receiving power
Port LEDs	Illuminated green	Connected computer is turned on
	Illuminated red	Connected computer is currently selected
	Blinking	Auto scan process is in progress

Warranty Information

This product is backed by a two-year warranty.

For further information on product warranty terms and conditions, please refer to www.startech.com/warranty.

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