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StarTech 2-Port USB 3.2 Gen 1 KVM Switch Display Port 8K 60Hz User Guide

Contents

StarTech 2-Port USB 3.2 Gen 1 KVM Switch Display Port 8K 60Hz

Product Information

The 2-Port USB 3.2 Gen 1 KVM Switch – DisplayPort – 8K 60Hz (model D86A2-2-PORT-8K-KVM) is a device that allows you to control and switch between two computers using a single set of peripherals, such as a keyboard, mouse, and display. It supports DisplayPort with a maximum resolution of 8K at 60Hz, providing high-quality video output. The KVM switch also features USB hub ports for connecting peripheral devices and audio ports for connecting audio devices.

Product Usage Instructions

Requirements
Before starting the installation process, make sure you have the following

- DisplayPort cable (sold separately)
- SuperSpeed USB 5Gbps (USB 3.2 Gen 1) cable (Type-A Male to Type-B Male) (sold separately)
- 3.5mm audio cable (sold separately)

Package Contents

- 2-Port USB 3.2 Gen 1 KVM Switch
- Universal Power Adapter

Installation

Connect the Console

1. Power off all computers, displays, and peripherals.
2. Connect a DisplayPort display to the Console DisplayPort Output Port on the rear of the KVM Switch using a DisplayPort cable (sold separately).
3. Connect a USB mouse and a USB keyboard to the Console USB HID Ports on the front and rear of the KVM Switch.
4. (Optional) Connect additional USB HID devices to the remaining Console USB HID Ports on the front and/or rear of the KVM Switch.
5. Connect an audio device to the Console Audio Port on the rear of the KVM Switch.
6. (Optional) Connect up to two SuperSpeed USB 5Gbps (USB 3.2 Gen 1) peripheral devices to the Console

USB Hub Ports on the front and rear of the KVM Switch.

Connect the PCs

1. Connect a DisplayPort cable (sold separately) from PC 1's DisplayPort Port to the PC 1 DisplayPort Input Port on the rear of the KVM Switch.
2. Connect a SuperSpeed USB 5Gbps (USB 3.2 Gen 1) cable (Type-A Male to Type-B Male) (sold separately) from a USB-A Port on PC 1 to the PC 1 USB Port on the rear of the KVM Switch.
3. Connect a 3.5mm audio cable (sold separately) from PC 1's audio port to the corresponding PC 1 Audio Port on the rear of the KVM Switch.
4. Repeat steps 1 to 3 for PC 2.

Operation

Power-On Sequence

1. Connect the Universal Power Adapter from a wall outlet to the Power Input Port on the KVM Switch.
2. Power on all peripherals.
3. Select PC 1 and power on the corresponding computer. Ensure that the computer connected to the PC 1 Port has fully booted to the operating system before proceeding.
4. Repeat step 3 to connect PC 2.

Regulatory Compliance
The 2-Port USB 3.2 Gen 1 KVM Switch complies with FCC Part 15 and Industry Canada regulations.

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**.
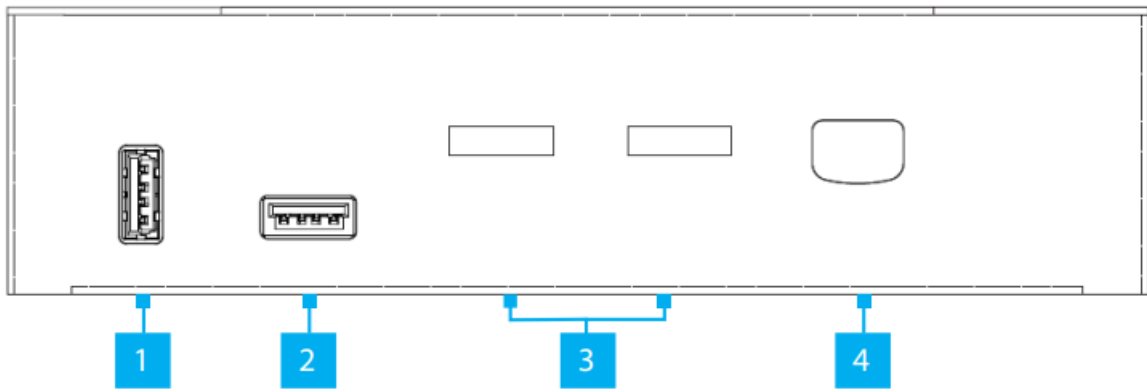
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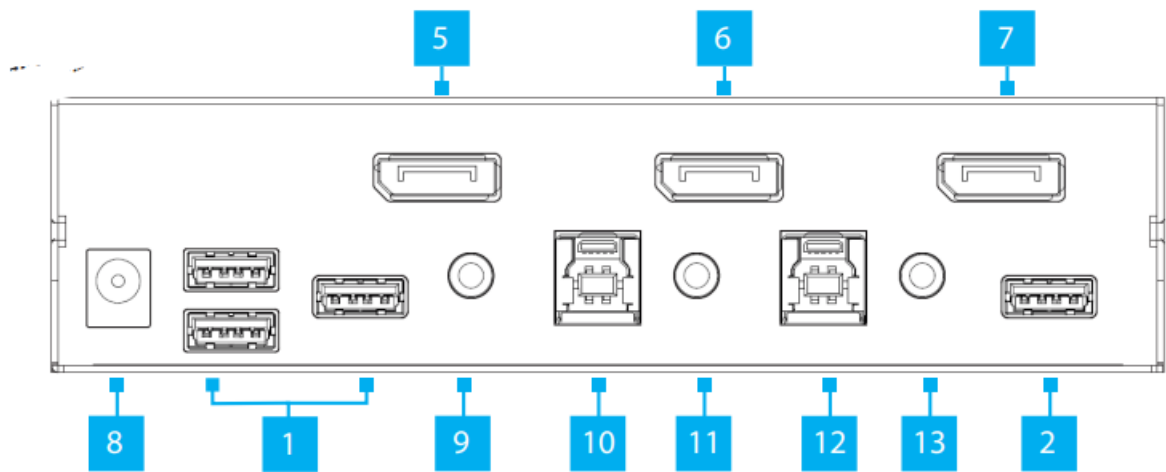- 4490 South Hamilton Road Groveport, Ohio 43125 U.S.A.

2-Port USB 3.2 Gen 1 KVM Switch – DisplayPort – 8K 60Hz

Product Diagram (D86A2-2-PORT-8K-KVM)

Front View

Rear View

Port		Function
1	Console USB HID Port	• Connect a **Human Interface Device (HID)** (e.g. Keyboard, Mouse, Trackpad, Number Keypad, or Drawing Tablet) • Front (x1) and Rear (x3)
2	Console USB Hub Port	• Connect a **SuperSpeed USB 5Gbps (USB 3.2 Gen 1) Peripheral Device**
3	Port Selection LED Indicators	• **Solid Green**: **PC 1** and/or **PC 2** connected (power on) • **Solid Red**: **PC 1** or **PC 2** selected (power on)
4	Port Selection Button	Press and release the **Port Selection Button** to select **PC 1** or **PC 2**
5	Console DisplayPort Output Port	Connect to a **DisplayPort Input** on a **Display**
6	PC 2 DisplayPort Input Port	Connect to a **DisplayPort Output** on **PC 2**
7	PC 1 DisplayPort Input Port	Connect to a **DisplayPort Output** on **PC 1**
8	Power Input Port	Connect a **Universal Power Adapter** to power the **KVM Switch**
9	Console Audio Port	Connect an **Audio Device** (e.g. Speakers or Headset)
10	PC 2 USB Port	Connect to a **SuperSpeed USB 5Gbps (USB 3.2 Gen 1) Port** on **PC 2**
11	PC 2 Audio Port	Connect to an **Audio Port** (for Stereo Speakers or a Microphone) on **PC 2**
12	PC 1 USB Port	Connect to a **SuperSpeed USB 5Gbps (USB 3.2 Gen 1) Port** on **PC 1**
13	PC 1 Audio Port	Connect to an **Audio Port** (for Stereo Speakers or a Microphone) on **PC 1**

Product Information

For the latest requirements and to view detailed instructions on all product functionality in a full user manual, please **visit: www.StarTech.com/D86A2-2-PORT-8K-KVM**

Requirements

Source PCs

- 2 x Computers
- DisplayPort Enabled
- PCs 1-2
- 2 x DisplayPort Cables

- 2 x SuperSpeed USB 5Gbps (USB 3.2 Gen 1) Cables (Type-A Male to Type-B Male)
- 2 x (Optional) 3.5mm Audio Cables (Male to Male)

Console

- 1 x DisplayPort Display
- 1 x DisplayPort Cable
- 1 x USB Mouse
- 1 x USB Keyboard
- 1 x (Optional) Audio Device (e.g. Headphones)
- 2 x (Optional) USB HID Devices
- 2 x (Optional) SuperSpeed USB 5Gbps (USB 3.2 Gen 1) Peripheral Devices

Package Contents

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

Installation

Connect the Console

Note: Power off all Computers, Displays, and Peripherals before completing the following installation steps.

1. Connect a DisplayPort Display to the Console DisplayPort Output Port, located on the rear of the KVM Switch using a DisplayPort Cable (sold separately).
2. Connect a USB Mouse and a USB Keyboard to the Console USB HID Ports, located on the front and rear of the KVM Switch.

Regulatory Compliance

FCC – Part 15
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

- 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

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.

Changes or modifications not expressly approved by **StarTech.com** could void the user's authority to operate the equipment.

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)
- This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes

1. l'appareil ne doit pas produire de brouillage, et
2. l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.
3. (Optional) After connecting the USB Mouse/Keyboard, there are two remaining Console USB HID Ports, located on the front and/or rear of the KVM Switch, for connecting up to two additional USB HIDs.
4. Connect an Audio Device to the Console Audio Port, located on the rear of the KVM Switch.
5. (Optional) Connect up to two SuperSpeed USB 5Gbps (USB 3.2 Gen 1) Peripheral Devices to the Console USB Hub Ports, located on the front and rear of the KVM Switch.

Connect the PCs

1. Connect a DisplayPort Cable (sold separately) to the DisplayPort Port, located on PC 1, and to the PC 1 DisplayPort Input Port, located on the rear of the KVM Switch.
2. Connect a SuperSpeed USB 5Gbps (USB 3.2 Gen 1) Cable (Type-A Male to Type-B Male) (sold separately) to a USB-A Port, located on PC 1, and to the PC 1 USB Port, located on the rear of the KVM Switch.
   Note: A SuperSpeed USB 5Gbps (or better) Cable is recommended for optimal performance.
3. Connect a 3.5 mm Audio Cable (sold separately) to the Audio Port, located on PC1, and to the corresponding PC1 Audio Port, located on the rear of the KVM Switch.
4. Repeat steps 1 to 3 for PC 2.

Operation

Power-On Sequence

1. Connect the Universal Power Adapter from a Wall Outlet to the Power Input Port on the KVM Switch.
2. Power on all Peripherals.
3. Select PC 1 and power on the corresponding Computer.
   Note: Ensure that the Computer connected to the PC 1 Port has fully booted to the operating system before proceeding.
4. Repeat step 3 to connect PC 2.

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**.

Limitation of Liability
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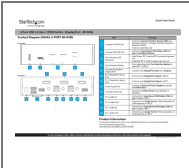
Safety Measures
If product has an exposed circuit board, do not touch the product under power.

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Documents / Resources

	StarTech 2-Port USB 3.2 Gen 1 KVM Switch Display Port 8K 60Hz [pdf] User Guide 2-Port USB 3.2 Gen 1 KVM Switch Display Port 8K 60Hz, 2-Port, USB 3.2 Gen 1 KVM Switch Display Port 8K 60Hz, Gen 1 KVM Switch Display Port 8K 60Hz, KVM Switch Display Port 8K 60Hz, Switch Display Port 8K 60Hz, Display Port 8K 60Hz, Port 8K 60Hz

References

- 🟡 **StarTech.com | IT Pro's Trusted Source for Connectivity Accessories**
- 🟡 **2-Port DisplayPort KVM Switch, 8K 60Hz - KVM Switches | Server Management | StarTech.com**
- 🟡 **StarTech.com Support**
- **User Manual**