



2x1 USB DisplayPort KVM Switch with Remote Control

Quick Installation Guide

Introduction

The 2x1 USB DisplayPort KVM Switch with Remote Control allows you to switch between two computers to share a DisplayPort or HDMI monitor and set of USB Mouse, USB Keyboard, USB 2.0 device, MIC and Earphone. The input and output can be controlled by manual and remote control.

Features and Benefits

- Support two Dual-mode DisplayPort inputs to one Dual-mode DisplayPort or HDMI output
- Support DisplayPort version 1.1a for both 1.62 and 2.7 Gbps link rates
- Support HDMI specification max up to 1920x1080p@60Hz@36bit, 225MHz/2.25Gbps per channel (6.75Gbps all channel) bandwidth
- Support HDMI uncompressed 2 channel audio such as LPCM
- Support USB 2.0 port connection and enable HUB function for sharing USB devices
- Support MIC and Earphone function for external audio equipments
- Front panel LEDs indicate which Source & Sink are selected

System Requirements

- Device or PC computer with an available DisplayPort & USB Port (USB 2.0 recommended)
- Windows® 7 (32-/64-bit) / Vista (32-/64-bit) / XP (32-/64-bit)
- Mac OS® X v10.4 or later

04-0765B

Package Contents

- 2x1 USB DisplayPort KVM Switch with Remote Control
- DisplayPort to Mini DisplayPort (male) cable
- DisplayPort to Mini DisplayPort (female) cable
- Remote control
- Power adapter
- Quick installation guide

Layout

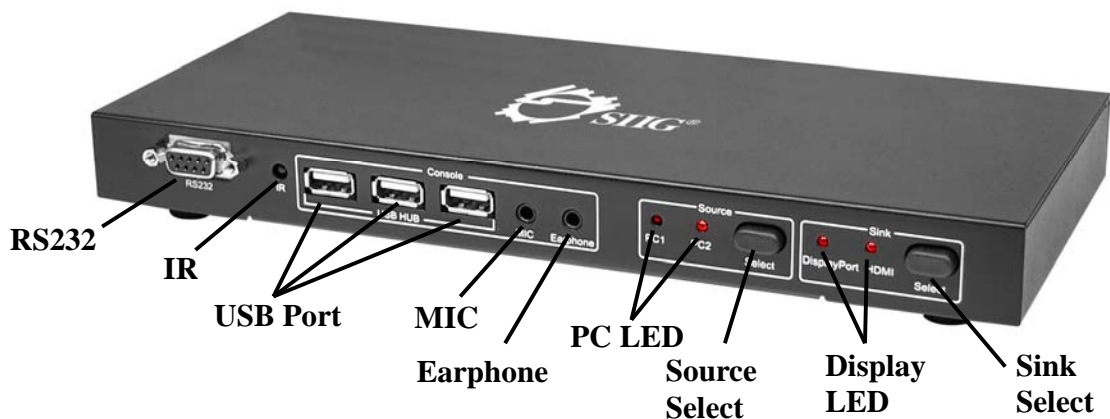


Figure 1: Front Panel Layout

- **RS232:** Connect the port to PC, and PC will switch this product by super terminal command.
- **IR:** The IR receiver will accept commands from the Remote Control
- **USB Port:** The three USB ports will be connected to USB devices, such as mouse, keyboard and hard disk.
- **MIC:** The port will be connected to Microphone device
- **Earphone:** The port will be connected to audio amplifier device
- **PC 1:** The selected PC1 input will be indicated with an active LED
- **PC 2:** The selected PC2 input will be indicated with an active LED
- **Source Select:** Pressing this button will switch the PC1 or PC2 as input
- **DisplayPort:** The selected DisplayPort output will be indicated with an active LED
- **HDMI:** The selected HDMI output will be indicated with an active

LED

- **Sink Select:** Pressing this button will switch the DisplayPort or HDMI as output.

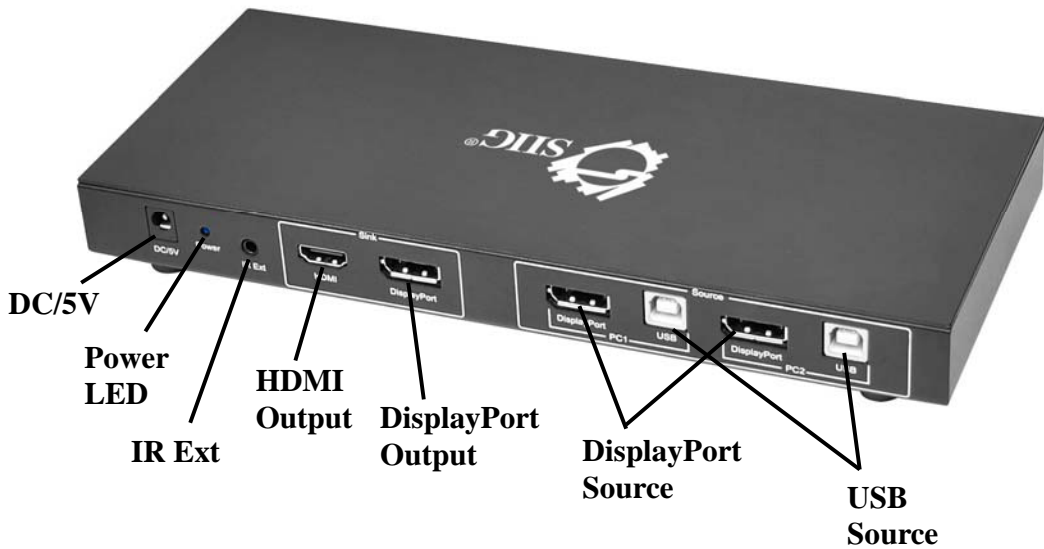


Figure 2: Rear Panel Layout

- **DC/5V:** Connects to the included power adapter.
- **Power LED:** This LED will be lit once power is being supplied by included 5V power supply
- **IR Ext:** Extend IR function.
- **HDMI Output:** The port will be connected to HDMI display.
- **DisplayPort Output:** The port will be connected to DisplayPort display.
- **DisplayPort Source:** The port will be connected to DisplayPort source PC1 and PC2 devices.
- **USB Source:** The port will be connected to USB source PC1 and PC2 devices.

Hardware Installation

1. Power off the computers and monitor you plan to connect to this switch.
2. Connect DisplayPort Port of the switch PC1 to Computer 1 using a DisplayPort cable or DisplayPort male to Mini DisplayPort male cable (included).
3. Connect USB port of the switch PC1 to Computer1 using a USB A male to B female cable (not included).
4. Repeat for step 1 & 2 for computer 2.
5. Connect USB device (such as mouse, keyboard) to the USB Hub port of the switch.
6. Connect your audio cables to the 3.5mm MIC and Earphone ports of the switch.
7. Connect your DisplayPort and HDMI displays to the switch's sink ports using an DisplayPort and HDMI cable (not included).
8. Plug the power adapter into the switch's power jack then plug the power adapter into a reliable power outlet.
9. Ensure that the Power LED is lit.
10. The 2x1 USB DisplayPort KVM Switch with Remote Control is ready to use.

Device Switching

You can choose the **Select** button (that leads you through multiple computers), **Remote control** or **RS232**.

1. Selecting source and sink devices by buttons on the front panel, pressing two **Select** buttons separately to select input signals or output signals.
2. Selecting source and sink devices by **Remote control**.
 - **Power** button
The power button of the IR remote can control the power of the product. Press this button, the power-on unit will be turned off. Press again, the unit will be turned on.

- **Input1** and **Input2** button for DisplayPort and HDMI output
Press the **Input1** or **Input2** button for DisplayPort, DisplayPort output of the product will be selected and input1 or input2 of the product will also be selected at the time.
Press the **Input1** or **Input2** button for HDMI, HDMI output of the product will be selected and input1 or input2 of the product will also be selected at the time

3. Selecting source and sink devices by **RS232**

- Introduction of RS232 remote operation:
RS232 remote operation is mainly based on the **super terminal** of Windows operation system. Its parameter should be: **ANSI 4800 8-N-1-non**
- **Operation**
 - a. Connect the switch splitter to the COM of PC with a RS232 cable
 - b. Chose the right COM when you setting **super terminal** and then set the parameter as follow:
Baud frequency : 4800
Data bit: 8
Parity bit: N
Stop bit: 1
Data stream: NON
 - c. Input your instruction and finish with **Enter** button on the Keyboard. Both capital and small letters of the instruction are fine.
Please input next instruction in three seconds or the **Overtime instruction** will appear.
The input instruction should be right, or you will be rejected with the **wrong instruction**,
If the input or output that you chose is not connected to devices or not in power-on mode, **ineffective instruction** will inform you.
If your instruction is performed, you can see the instruction of **successful operation**.

- **Instruction function**

- **ON:** Turning on the product
- **OFF:** Turning off the product
- **QS:** This order enables you know which input and output are available and the connections of input and output.
- **DP1:** Select source1 as input, Select DisplayPort as output
- **DP2:** Select source2 as input, Select DisplayPort as output
- **HDMI1:** Select source1 as input, Select HDMI as output
- **HDMI2:** Select source2 as input, Select HDMI as output

Technical Support and Warranty:

QUESTIONS? SIIG's **Online Support** has answers! Simply visit our website at ***www.siig.com*** and click on **Support**. Our online support database is updated daily with new drivers and solutions. Answers to your questions could be just a few clicks away. You can also submit questions online and one of our technical support analysts will promptly respond.

SIIG offers one year manufacturer warranty with this product. Please see our web site for more warranty details. If you encounter any problems with this product, please follow the procedures below.

A) If it is within the store's return policy period, please return the product to the store where you purchased from.

B) If your purchase has passed the store's return policy period, please follow these steps to have the product repaired or replaced.

Step 1: Submit your RMA request.

Go to www.siig.com, click Support, then Request A Product Replacement to submit a request to SIIG RMA or fax a request to 510-657-5962. Your RMA request will be processed, if the product is determined to be defective, an RMA number will be issued.

Step 2: After obtaining an RMA number, ship the product.

- Properly pack the product for shipping. All software, cable(s) and any other accessories that came with the original package must be included.
- Clearly write your RMA number on the top of the returned package. SIIG will refuse to accept any shipping package, and will not be responsible for a product returned without an RMA number posted on the outside of the shipping carton.
- You are responsible for the cost of shipping the product to SIIG at the following address:
SIIG, Inc.
6078 Stewart Avenue
Fremont, CA 94538-3152, USA
RMA #: _____
- SIIG will ship the repaired or replaced product via Ground in the U.S. and International Economy outside of the U.S. at no cost to the customer.

About SIIG, Inc.

Founded in 1985, SIIG, Inc. is a leading manufacturer of IT connectivity solutions (including Serial ATA and Ultra ATA Controllers, FireWire, USB, and legacy I/O adapters) that bridge the connection between Desktop/Notebook systems and external peripherals. SIIG continues to grow by adding A/V and Digital Signage connectivity solutions to our extensive portfolio. All centered around the distribution and switching of A/V signals over CAT5/6, these products include matrix switches, distribution amplifiers, extenders, converters, splitters, cabling, and more.

SIIG is the premier one-stop source of upgrades and is committed to providing high quality products while keeping economical and competitive prices. High-quality control standards are evident by one of the lowest defective return rates in the industry. Our products offer comprehensive user manuals, user-friendly features, and most products are backed by a lifetime warranty.

SIIG products can be found in many computer retail stores, mail order catalogs, and e-commerce sites in the Americas, as well as through major distributors, system integrators, and VARs.

PRODUCT NAME

2x1 USB DisplayPort KVM Switch with Remote Control

FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B
OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE

FCC COMPLIANCE STATEMENT:

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.

THE PARTY RESPONSIBLE FOR PRODUCT COMPLIANCE

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