BLACKBIRD™

4K 4x1 HDMI®
and USB KVM Switch

PN 36651 *USER'S MANUAL*

SAFETY WARNINGS AND GUIDELINES

Please read this entire manual before using this device, paying extra attention to these safety warnings and guidelines. Please keep this manual in a safe place for future reference.

- This device is intended for indoor use only.
- Do not expose this device to water or moisture of any kind. Do not place drinks or other containers with moisture on or near the device. If moisture does get in or on the device, immediately unplug it from the power outlet and allow it to fully dry before reapplying power.
- Do not touch the device, the power cord, or any other connected cables with wet hands.
- Do not subject the product to extreme force, shock, or fluctuations in temperature or humidity.
- Do not expose this device to excessively high temperatures. Do not place it in, on, or near heat sources, such as a fireplace, stove, radiator, etc. Do not leave it in direct sunlight.
- Prior to operation, check the unit and power cord for physical damage. Do not use if physical damage has occurred.
- Before plugging the unit into a power outlet, ensure that the outlet provides the same type and level of power required by the device.
- Unplug this device from the power source when not in use.
- Take care to prevent damage to the power cord. Do not allow it to become crimped, pinched, walked on, or become tangled with other cords. Ensure that the power cord does not present a tripping hazard.
- Ensure that power is turned off and disconnected before making any electrical connections.
- Clean using a soft, dry cloth only. Do not use chemical cleaners, solvents, or detergents. For stubborn deposits, moisten the cloth with warm water.
- This device has no user serviceable parts. Do not attempt to open, service, or modify this device.

INTRODUCTION

This HDMI® and USB KVM Switch allows you to use a single HDMI® monitor, USB keyboard, and USB mouse with up to four computers. It includes USB 2.0, 3.5mm microphone, and 3.5mm stereo audio connections, so you can enjoy the full computing experience on any computer. A front panel Port Select switch allows you to easily switch between which computer is being controlled.

FEATURES

- Share a single HDMI® display, USB keyboard, USB mouse, microphone, and speakers/headset with up to four computers
- Supports video resolutions up 4K@60Hz, including 1900x1200 and 1080p@60Hz
- Includes a USB 2.0 data connection with over current detection and protection
- Can switch computers using the front panel controls or hotkeys
- Fully compliant with the HDMI 2.0 and HDCP™ 2.2 standards
- Supports high definition, multichannel audio, such as Dolby TrueHD™ and DTS-HD Master Audio™
- Delivers up to 6Gbps data bandwidth and 18Gbps video bandwidth
- Metal housing for improved RF shielding

CUSTOMER SERVICE

The Monoprice Customer Service department is dedicated to ensuring that your ordering, purchasing, and delivery experience is second to none. If you have any problem with your order, please give us an opportunity to make it right. You can contact a Monoprice Customer Service representative through the Live Chat link on our website **www.monoprice.com** or via email at **support@monoprice.com**. Check the website for support times and links.

PACKAGE CONTENTS

Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact Monoprice Customer Service for a replacement.

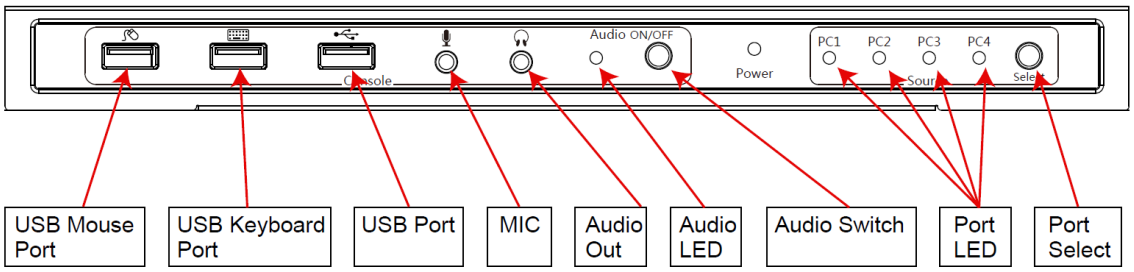
1x 4K 4x1 HDMI® and USB KVM switch

1x AC power adapter (5 VDC, 2A)

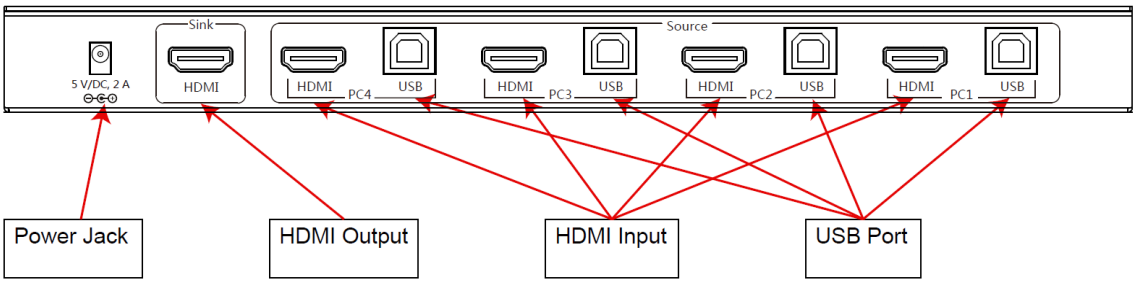
1x User's manual

PRODUCT OVERVIEW

Front Panel



Rear Panel



INSTALLATION

1. Power off and disconnect from its power source each device that will be connected to the switch.
2. Using a High Speed HDMI® Cable (not included), plug one end into the input on your monitor, then plug the other end into **Sink HDMI** port on the rear panel.
3. Plug a USB keyboard into the **USB Keyboard Port** on the front panel.
4. Plug a USB mouse into the **USB Mouse Port** on the front panel.
5. (Optional) Plug a pair of speakers or a headset into the **Audio Out** jack on the front panel.
6. (Optional) Plug a microphone with a 3.5mm plug into the **MIC** jack on the front panel.
7. (Optional) Plug a USB hub or USB device into the **USB Port** on the front panel.
8. Using a High Speed HDMI® Cable (not included), plug one end into **PC1 HDMI** port on the rear panel, then plug the other end into the HDMI video output on your first computer.

Note: In order for the switching function to work, the first connection must be to a computer. The other connections can be to computers, consoles, Blu-ray Disc™ players, or other devices with HDMI® video output.

9. Using a USB Type-A to Type-B cable (not included), plug the Type-B end into the **PC1 USB** port on the rear panel, then plug the Type-A end into a USB port on your first computer.
10. Using a High Speed HDMI® Cable (not included), plug one end into **PC2 HDMI** port on the rear panel, then plug the other end into the HDMI video output on your second computer, console, or other device with HDMI video output.
11. (Optional) If connecting to a second computer or console, plug the Type-B end of a USB Type-A to Type-B cable (not included) into the **PC2 USB** port on the rear panel, then plug the Type-A end into a USB port on your computer or console.

Note: In addition to their regular controllers, the PlayStation® 4 and Xbox One™ consoles can accept input from a standard PC USB keyboard and USB mouse.

12. Repeat steps 9-11 above for the other two connections.

13. Plug one end of the included AC Power Adapter into the **5 V/DC, 2 A** jack on the rear panel, then plug the other end into a nearby AC power outlet.
14. Plug in and power on your first computer.
15. Wait for it to fully boot to the desktop, then verify that you can view the video and control it using the keyboard and mouse. If you connected a microphone, speakers/headset, and/or USB device(s), verify that they work, as well.
16. Press the **Port Select** button on the front panel, then plug in and power on your second computer or other connected device.
17. If the second connected device is neither a computer nor console, verify that you can view the video. If the second connected device is a computer or PlayStation® 4 or Xbox One™ console, wait for it to fully boot to the desktop, then verify that you can view the video and control it using the keyboard and mouse. If you connected a microphone, speakers/headset, and/or USB device(s), verify that they work, as well.
18. Repeat steps 16-17 above for the other two connected devices.

HOTKEYS

The switch can respond to several hotkey commands. The basic form of the hotkey command is to tap the **SCROLL LOCK** key twice, then tap the command key(s). The following table shows the various hotkey commands that can be performed. The individual keys to be tapped are separated with commas.

Command	Function
SCROLL, SCROLL, ENTER	Switch to the next active port.
SCROLL, SCROLL, #	Switch to PC#. #=1~4
SCROLL, SCROLL, P, W, #	Switch with host USB power detected. #=0/1, where 0=Disabled (default), 1=Enabled
SCROLL, SCROLL, P, L, U, G, #	Port switch when new host is plugged in. #=0/1, where 0=Disabled (default), 1=Enabled

Command	Function
SCROLL, SCROLL, B, #	Turns the beep sound on or off. The beep sounds once when a hotkey is accepted and twice to indicate that an error has occurred. #=0/1, where 0=Disabled, 1=Enabled (default)
SCROLL, SCROLL, S	Turn auto-scan on. Press the space bar to stop auto-scanning. Press any other key to stop auto-scanning and jump to the current scan port.
SCROLL, SCROLL, U, ENTER	Reboot and enter IAP mode to update the firmware.

TECHNICAL SUPPORT

Monoprice is pleased to provide free, live, online technical support to assist you with any questions you may have about installation, setup, troubleshooting, or product recommendations. If you ever need assistance with your new product, please come online to talk to one of our friendly and knowledgeable Tech Support Associates. Technical support is available through the online chat button on our website **www.monoprice.com** or through email by sending a message to **tech@monoprice.com**. Check the website for support times and links.

REGULATORY COMPLIANCE

Notice for FCC

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.

Modifying the equipment without Monoprice's authorization may result in the equipment no longer complying with FCC requirements for Class B digital devices. In that event, your right to use the equipment may be limited by FCC regulations, and you may be required to correct any interference to radio or television communications at your own expense.

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.

Notice for Industry Canada

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

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

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