MONOPRICE

Blackbird™ 4K 4x1 HDMI® Switch

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 expose this device to excessively high temperatures. Do not place it in, on, or near a heat source, such as a fireplace, stove, radiator, etc. Do not leave it in direct sunlight.

- Do not place or install this device in an area where it can be exposed to excessive amounts of dust, humidity, oil, smoke, or combustible vapors.

- 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.

- Never unplug the unit by pulling on the power cord. Always grasp the connector head or adapter body.

- Ensure that power is turned off and disconnected before making any electrical connections.

- Remove the batteries from the controller if it will go unused for a lengthy period of time.

- 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 Blackbird™ 4K 4x1 HDMI® Switch allows you to connect up to four HDMI source devices to a single HDMI display. It supports video resolutions up to 4K@60Hz, including 1080p@60Hz and all 3D video modes. It can extract audio from the HDMI source to the combined 3.5mm analog stereo/mini Toslink® digital optical jack on the rear panel. It supports HDCP™ 2.2, EDID® management, and is compliant with the HDMI 2.0a standard, including support for the Audio Return Channel (ARC) feature.

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 Blackbird™ 4x1 HDMI® Switch
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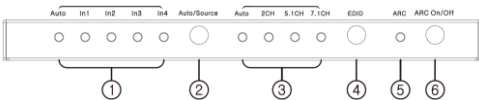> 1x AC Power Adapter (5 VDC, 1A)
>
> 1x IR Remote Control
>
> 1x 38kHz IR Receiver
>
> 1x Mini Toslink® to Toslink Audio Converter
>
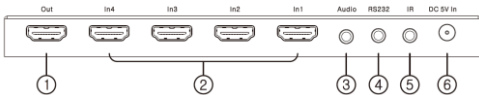> 1x User's Manual

PRODUCT OVERVIEW

Front Panel

1. **Input Indicators:** The LEDs illuminate to indicate the current input selection.

2. **Auto/Source Button:** Press and hold the button for about 2 seconds to toggle between manual and automatic source selection. The Auto LED illuminates when in Auto mode. When in Manual mode, momentarily press the button to cycle through the available inputs.

3. **EDID Status Indicators:** One of the LEDs illuminates to indicate the current EDID® status.

4. **EDID Button:** Momentarily press the button to cycle through the available EDID modes.

5. **ARC Status Indicator:** The LED illuminates when the Audio Return Channel (ARC) feature is enabled.

6. **ARC On/Off Button:** Momentarily press the button to enable or disable the ARC feature.

Rear Panel

1. **Out:** HDMI® output port for connecting an HDMI display.

2. **In1-4:** Four HDMI input ports for connecting HDMI video source devices.

3. **Audio:** 3.5mm combined stereo analog and multichannel mini Toslink® digital optical audio output jack.

4. **RS232:** RS-232 control jack.

5. **IR:** 3.5mm jack for connecting the included IR receiver.

6. **DC 5V In:** DC barrel connector for connecting the included AC power adapter.

Remote Control

- **ARC:** Momentarily press the ARC button to enable or disable the Audio Return Channel (ARC) feature.

- **Auto/2.1ch/5.1ch/7.1ch:** Press one of these buttons to set the EDID® mode.

- **In1-4:** When manual input selection mode is active, momentarily press one of the buttons to select the input source.

- **Auto Source:** Momentarily press the button to toggle between manual and automatic input source selection modes.

SAMPLE CONNECTION DIAGRAM

PS4

DVD or Blu-ray Player

pc

Set-top box

Power Supply

TV

STB

5.1 Sound

SPECIFICATIONS

Model	39366
Video Bandwidth	18Gbps
HDMI® Version	2.0a with HDCP™ 2.2/1.4
Video Inputs	4x HDMI
Miscellaneous Inputs	1x 3.5mm IR, 1x 3.5mm RS-232
Video Outputs	1x HDMI
Audio Outputs	1x 3.5mm combined analog stereo/mini Toslink® jack
Supported Audio Formats	2.0/2.1/5.1/7.1 channel
Input Power	5 VDC, 1A
AC Adapter Input Power	100 ~ 240 VAC, 50/60 Hz
Power Consumption	Up to 2.5 watts
Operating Temperature	+32 ~ +104°F (0 ~ +40°C)
Storage Temperature	-4 ~ +140°F (-20 ~ +60°C)
Dimensions	7.1" x 3.3" x 0.5" (180 x 85 x 12 mm)
Weight	10.6 oz. (300g)

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 B digital apparatus complies with Canadian ICES-003.

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