



**Blackbird™ 4K 4x1 HDMI® Switch  
with Audio Extractor**

P/N 30919

**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 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.
- 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.
- 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.
- 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.
- 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 sources to a single display. It supports video resolutions up to 4K@60Hz YUV4:4:4, including 1080p@120Hz and 3D 1080p@60Hz. It complies with the HDMI 2.0b and HDCP 2.2 specifications and delivers up to 18 Gbps video bandwidth. It supports 10-bit High Dynamic Range (HDR) video and High Bit Rate (HBR) audio pass-through. It features a built-in retiming and cable driver and extracts 2-channel analog audio for use with powered speakers or an external amplifier or receiver.

## FEATURES

- Supports resolutions up to 4K@60Hz YUV4:4:4, including 1080p@120Hz and 3D 1080p@60Hz
- Complies with the HDMI 2.0b and HDCP 2.2 specifications
- Delivers up to 18 Gbps video bandwidth
- Extracts 2-channel analog audio
- Built-in retiming and cable driver
- Supports 10-bit High Dynamic Range (HDR) video pass-through
- Supports High Bit Rate (HBR) audio pass-through

## 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](http://www.monoprice.com) during normal business hours (Mon-Fri: 5am-7pm PT, Sat-Sun: 9am-6pm PT) or via email at [support@monoprice.com](mailto:support@monoprice.com)

## 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.

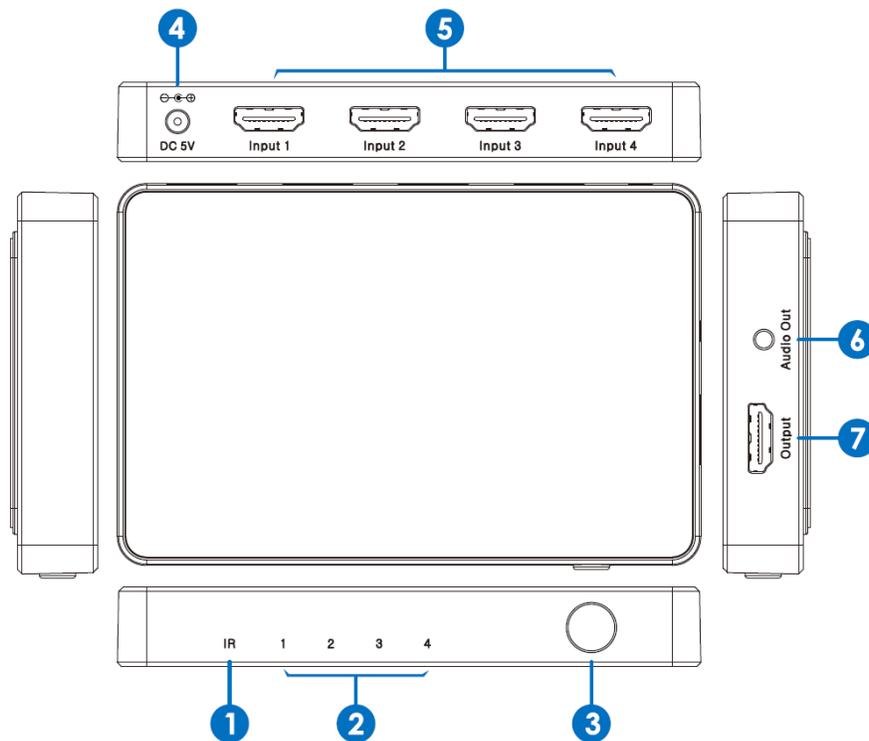
1x Blackbird™ 4K 4x1 HDMI® Switch

1x IR Remote Control

1x AC Power Adapter (5 VDC, 1A)

1x User's Manual

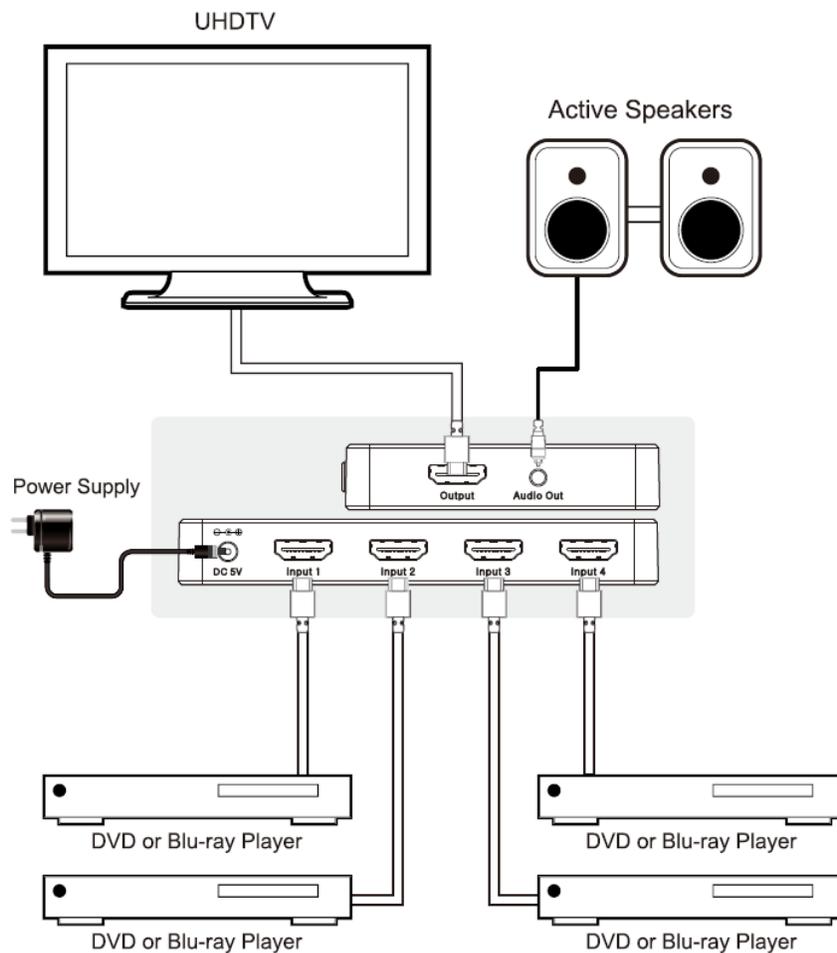
## PRODUCT OVERVIEW



1. **IR Receiver Window:** IR receiver for use with the included IR remote control.
2. **Input LEDs:** The LED will illuminate when the corresponding HDMI® input is selected.

3. **Select Button:** Press the **Select** button to cycle forward through the available HDMI inputs.
4. **DC 5V:** DC barrel connector for connecting the included AC power adapter.
5. **HDMI Inputs:** Four HDMI connectors for connecting up to four HDMI video source devices.
6. **Audio Out:** 3.5mm analog stereo audio output for use with external speakers or to connect to an external amplifier or receiver.
7. **HDMI Output:** HDMI connector for connecting an HDMI display.

## SAMPLE CONNECTION DIAGRAM



# INSTALLATION

Perform the following steps to install this switch to your home theater system.

1. Ensure that all equipment to be connected is powered off and unplugged from its power source.
2. Place or mount the switch in its intended location.
3. Using a High Speed HDMI® Cable (not included), plug one end into the HDMI input on your display, then plug the other end into the **Output** connector on the switch.
4. Using a High Speed HDMI Cable (not included), plug one end into one of the HDMI **Input** connectors on the switch, then plug the other end into the HDMI output on your video source device. Repeat for up to three additional video source devices.
5. (Optional) Plug a pair of powered speakers into the **Audio Out** jack on the switch.
6. Plug the DC barrel connector on the included AC power adapter into the **DC 5V** jack on the switch, then plug the adapter into a nearby AC power outlet.
7. Plug in and power on all connected equipment. Start video playback on the video source devices, then either press the **Select** button or use the included remote control to switch to each video source to verify that you can see video on the connected display.

*Congratulations, your Blackbird™ HDMI® switch is successfully installed and ready for use!*

## 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](http://www.monoprice.com) during regular business hours, 7 days a week. You can also get assistance through email by sending a message to [tech@monoprice.com](mailto:tech@monoprice.com)

## SPECIFICATIONS

Model	30919
Inputs	4x HDMI®
Outputs	1x HDMI, 1x 3.5mm TRS stereo analog audio
Maximum Resolution	4K@60Hz YUV4:4:4, 4K@30Hz, 1080p@120Hz, 3D 1080p@60Hz
Video Bandwidth	18 Gbps
HDMI Version	2.0b
HDCP Version	2.2 and 1.4
Color Depth	10-bits and 12-bits per channel
Color Spaces	RGB, YCbCr 4:4:4, YCbCr 4:2:2
HDMI Audio Formats (pass-through)	LPCM 2/5.1/7.1CH, Dolby® Digital™, DTS® 5.1, Dolby Digital Plus™, Dolby TrueHD™, DTS- HD Master Audio™, Dolby Atmos™, DTS:X™
Input Power	5 VDC, 1A
AC Adapter Input Power	100 ~ 240 VAC, 50/60 Hz
Maximum Power Consumption	1 watt
Operating Temperature	+32 ~ +104°F (0 ~ +40°C)
Storage Temperature	-4 ~ +140°F (-20 ~ +60°C)
Relative Humidity	20 ~90% RH, non-condensing
Dimensions	4.8" x 3.1" x 0.6" (121 x 79 x 16 mm)
Weight	6.9 oz. (195 g)
Certifications	CE, FCC, UL

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