



Blackbird™ 4K Pro 1x8 HDMI® Splitter



P/N 15260

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.
- Before plugging the unit into a power outlet, ensure that the outlet provides the same type and level of power required by the device.
- Prior to operation, check the unit and power cord for physical damage. Do not use if physical damage has occurred.
- 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.
- 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 Pro 1x8 HDMI® Splitter allows you to connect eight HDMI displays to a single HDMI video source. It delivers 18 Gbps bandwidth and supports video resolutions up to 4K@30Hz with 24-bit RGB/YCbCr 4:4:4/YCbCr 4:2:2 and 4K@60Hz with 12-bit YCbCr 4:4:4 color spaces. It is compliant with the HDMI 2.0b and HDCP™ 2.2 specifications and supports high-resolution, multichannel audio, including 7.1 channel LPCM, Dolby TrueHD™, and DTS-HD Master Audio™.

FEATURES

- Compliant with the HDMI® 2.0b and HDCP™ 2.2 specifications
- Delivers 18 Gbps bandwidth
- Supports video resolutions up to 4K@30Hz with 24-bit RGB/YCbCr 4:4:4/YCbCr 4:2:2 and 4K@60Hz with 12-bit YCbCr 4:4:4 color spaces
- Supports 3D frame sequential formats up to 1080p@60Hz and 4K@30Hz
- Supports 7.1 channel LPCM, Dolby TrueHD™, and DTS-HD Master Audio™
- Supports high resolution VESA mode video formats up to QSXGA@60Hz
- Supports High Dynamic Range (HDR)

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 4K Pro 1x8 HDMI® splitter

1x AC power adapter

1x User's manual

PRODUCT OVERVIEW

Front Panel



POWER: The LED illuminates when power is applied.

IN: The LED illuminates when a video source device is connected.

OUT 1: The LED illuminates when an active HDMI® display is connected to the **HDMI OUT 1** connector.

OUT 2: The LED illuminates when an active HDMI display is connected to the **HDMI OUT 2** connector.

OUT 3: The LED illuminates when an active HDMI display is connected to the **HDMI OUT 3** connector.

OUT 4: The LED illuminates when an active HDMI display is connected to the **HDMI OUT 4** connector.

OUT 5: The LED illuminates when an active HDMI® display is connected to the **HDMI OUT 5** connector.

OUT 6: The LED illuminates when an active HDMI display is connected to the **HDMI OUT 6** connector.

OUT 7: The LED illuminates when an active HDMI display is connected to the **HDMI OUT 7** connector.

OUT 8: The LED illuminates when an active HDMI display is connected to the **HDMI OUT 8** connector.

EDID: The **EDID** switch determines how the video source device gets its EDID® information. When set to the **STD** position, the splitter will transmit its built-in EDID settings of **1080p@60Hz with 2-channel LPCM audio** to the source device. When set to the **TV** position, the splitter will read the EDID settings of the display connected to **HDMI OUT 1** and will transmit that information to the source device.

Rear Panel



HDMI OUT 1: HDMI® connector for connecting an HDMI display.

HDMI OUT 2: HDMI connector for connecting an HDMI display.

HDMI OUT 3: HDMI connector for connecting an HDMI display.

HDMI OUT 4: HDMI connector for connecting an HDMI display.

HDMI OUT 5: HDMI connector for connecting an HDMI display.

HDMI OUT 6: HDMI connector for connecting an HDMI display.

HDMI OUT 7: HDMI connector for connecting an HDMI display.

HDMI OUT 8: HDMI® connector for connecting an HDMI display.

HDMI IN: HDMI connector for connecting an HDMI video source device.

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

EDID SETTINGS

The **EDID** switch on the front panel allows you to determine which EDID® information the splitter will transmit to the video source device. When set to the **STD** position, the splitter will transmit its built-in EDID settings of **1080p@60Hz with 2-channel LPCM audio** to the source device. When set to the **TV** position, the splitter will read the EDID settings of the display connected to **HDMI OUT 1** and will transmit that information to the source device.

If both of your displays are identical, it does not matter which display is connected to the **HDMI OUT 1** port. However, if the two displays have different maximum resolutions, the display with the lowest maximum resolution should be connected to the **HDMI OUT 1** connector.

INSTALLATION

1. Ensure that all equipment to be connected is powered off and unplugged from its power source.
2. Place or mount the splitter in its intended location.
3. Using a High Speed HDMI® Cable (not included), plug one end into the HDMI input on your displays, then plug the other end into one of the **HDMI OUT** connectors on the splitter. Repeat for up to seven additional displays.
4. Using a High Speed HDMI Cable (not included), plug one end into the **HDMI IN** connector on the splitter, then plug the other end into the HDMI output on your video source device.
5. Place the **EDID** switch in the desired position. Refer to the *EDID SETTINGS* section above for guidance in setting the EDID® switch.

6. Plug the DC barrel connector on the included AC power adapter into the **DC 5V** connector on the splitter, then plug the adapter into a nearby AC power outlet.

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.

SPECIFICATIONS

Mode	15260
Inputs	1x HDMI®
Outputs	8x HDMI
Maximum Video Resolution	4K@60Hz
Supported Color Spaces (4K@30Hz)	24-bit RGB/YCbCr 4:4:4/YCbCr 4:2:2
Supported Color Spaces (4K@60Hz)	12-bit YCbCr 4:4:4
Video Bandwidth	18 Gbps
HDMI Version	2.0b
HDCP Version	2.2
Supports High Dynamic Range (HDR)	Yes
Input Power	5 VDC, 1A
AC Adapter Input Power	100 ~ 240 VAC, 50/60 Hz
Maximum Power Consumption	2 watts
Operating Temperature	+32 ~ +104°F (0 ~ +40°C)
Storage Temperature	-4 ~ +140°F (-20 ~ +60°C)
Operating Humidity	20 ~ 90% RH, non-condensing
Dimensions	10.9" x 7.2" x 2.6" (259 x 183 x 66 mm)
Weight	1.9 lbs. (860 g)
Certifications	CE, FCC, UL

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.

Blackbird™ is a trademark of Monoprice Inc.

HDMI®, the HDMI Logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

HDCP™ is a trademark of Digital Content Protection LLC.

VESA® and EDID® are registered trademarks of the Video Electronics Standards Association.

Dolby® and the double-D symbol are registered trademarks of Dolby Laboratories. Dolby Pro Logic™ and Dolby TrueHD™ are trademarks of Dolby Laboratories.

DTS® is a registered trademark and the DTS logos, Symbol, DTS-HD™, and DTS-HD Master Audio™ are trademarks of DTS, Inc.