



Blackbird™ 4K 1x4 HDMI® Splitter



P/N 36742

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 source 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 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.
- 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 1x4 HDMI® Splitter allows you to distribute a single HDMI source to up to four displays. It supports video resolutions up to 4K@60Hz (4:4:4) and complies with the HDMI 2.0b and HDCP® 2.2 standards. It features EDID® Auto and Copy functions, can downscale a 4K video signal to 1080p, and can extract the audio to digital optical and stereo analog outputs.

FEATURES

- Supports video resolutions up to 4K@60Hz (4:4:4)
- Complies with the HDMI® 2.0b and HDCP® 2.2 standards
- Can downscale 4K video to 1080p
- Supports EDID® Auto and Copy functions
- Supports multichannel audio streams
- Can extract HDMI audio to digital optical and stereo analog outputs

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.

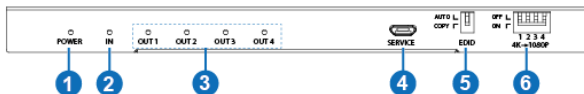
1x 1x4 HDMI® splitter

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

1x User's manual

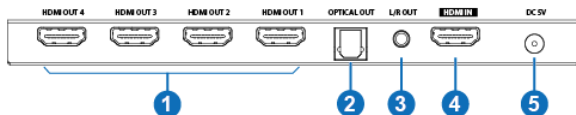
PRODUCT OVERVIEW

Front Panel



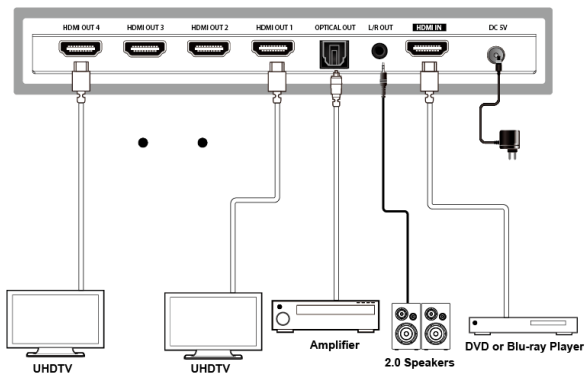
1. **POWER:** The LED illuminates blue when power is applied.
2. **IN:** The LED illuminates blue when an active HDMI® input signal is detected.
3. **OUT1/OUT2/OUT3/OUT4:** The **OUT** LEDs illuminate blue when an HDMI display is connected to the corresponding output.
4. **SERVICE:** For use at the factory only.
5. **EDID:** The switch allows you to determine where the source device gets its EDID® information. When set to **AUTO**, the unit will poll both displays and will use the highest common resolution and audio capabilities. When set to **COPY**, it uses the EDID information from the display connected to the first output.
6. **4K→1080p:** Set the switch(es) to **ON** to downscale a 4K video signal to 1080p for the corresponding output.

Rear Panel



1. **HDMI OUT:** Four HDMI® output ports for connection the video displays.
2. **OPTICAL OUT:** Digital optical audio output for connecting an external amplifier.
3. **L/R OUT:** 3.5mm stereo analog output for connecting headphones or powered speakers.
4. **HDMI IN:** HDMI port for connecting the video source device.
5. **DC 5V:** DC barrel connector for connecting the included AC power adapter.

SAMPLE CONNECTION DIAGRAM



SPECIFICATIONS

Model	36742
Video Input	1x HDMI®
Video Outputs	4x HDMI
Audio Outputs	1x S/PDIF digital optical, 1x 3.5mm analog
HDMI Version	2.0b

HDCP® Version	2.2 (compatible with HDCP 1.4)
Bandwidth	18Gbps
Maximum Resolution	4K@60Hz (4:4:4)
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2
Color Depth	4K: 8-bit, 1080p: 12-bit
Input Power	5 VDC, 1A
AC Adapter Input Power	100 ~ 240 VAC, 50/60Hz
Power Consumption	Up to 3.5 watts
Operating Temperature	+32 ~ +104°F (0 ~ +40°C)
Storage Temperature	-4 ~ +140°F (-20 ~ +60°C)
Operating Humidity	20 ~ 90% RH, noncondensing
Dimensions	7.1" x 2.4" x 0.6" (180 x 62 x 14 mm)
Weight	8.0 oz. (227g)

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 A 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 A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a commercial 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. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

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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EDID® is a registered trademark of the Video Electronics Standards Association.

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