MONOPRICE

2x1 DisplayPort 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 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.

- 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

Thank you for purchasing this 2x1 DisplayPort Switch! This switch allows you to connect two DisplayPort video sources to a single DisplayPort display. It supports video resolutions up to 4K@60Hz and provides up to 21.6 Gbps bandwidth. It is fully compatible with the DisplayPort 1.2 specification and is compliant with the VESA DisplayPort standard 1.62, 2.7, and 5.4 Gbps link rates.

FEATURES

- Supports video resolutions up to 4K@60Hz

- Provides up to 21.6 Gbps bandwidth

- Fully compliant with the DisplayPort 1.2 specification

- Supports the RGB, YCbCr 4:4:4, and YCbCr 4:2:2 color spaces

- Compliant with the VESA DisplayPort standard 1.62, 2.7, and 5.4 Gbps link rates

- Support for 1, 2, or 4 differential data pairs (lanes)

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** during normal business hours (Mon-Fri: 5am-7pm PT, Sat-Sun: 9am-6pm PT) or via email at **support@monoprice.com**
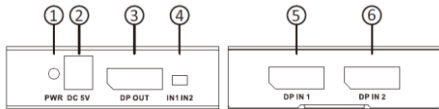
PACKAGE CONTENTS

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 2x1 DisplayPort switch

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

    1x User's manual

PRODUCT OVERVIEW

1. **PWR LED:** The LED illuminates when power is applied.
2. **DC 5V:** DC barrel connector for connecting the included AC power adapter.
3. **DP OUT:** DisplayPort connector for connecting to the DisplayPort display.
4. **IN1 IN2:** Switch for selecting one of the two inputs.

5. **DP IN 1:** DisplayPort connector for connecting a DisplayPort source.

6. **DP IN 2:** DisplayPort connector for connecting a DisplayPort source.

SAMPLE CONNECTION DIAGRAM

INSTALLATION

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 DisplayPort 1.2 cable (not included), plug one end into the DisplayPort display, then plug the other end into the **DP OUT** port on the switch.

4. Using a DisplayPort 1.2 cable (not included), plug one end into the **DP IN 1** port on the switch, then plug the other end into the DisplayPort output on your video source device.

5. Using a DisplayPort 1.2 cable (not included), plug one end into the **DP IN 2** port on the switch, then plug the other end into the DisplayPort output on your video source device.

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. The **PWR LED** will illuminate, indicating that power has been applied.

7. Plug in and power on all connected equipment. Start video playback on each connected source device. Verify that the video can be seen on the display and that you can switch between the two video sources.

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** during regular business hours, 7 days a week. You can also get assistance through email by sending a message to **tech@monoprice.com**

SPECIFICATIONS

Model	24568
Inputs	2x DisplayPort 1.2
Outputs	1x DisplayPort 1.2
Maximum Video Resolution	4K@60Hz
Maximum Bandwidth	21.6 Gbps
Color Spaces	RGB, YCbCr 4:4:4, YCbCr 4:2:2
Link Rates	1.62, 2.7, and 5.4 Gbps
Differential Data Pairs (Lanes)	1, 2, or 4

Input Power	5 VDC, 1A
AC Adapter Input Power	100 ~ 240 VAC, 50/60 Hz
Maximum Power Consumption	1.3 watts
Operating Temperature	+32 ~ +104°F (0 ~ +40°C)
Storage Temperature	-4 ~ +140°F (-20 ~ +40°C)
Operating Humidity	20 ~ 90% RH, non-condensing
Dimensions	2.8" x 2.4" x 0.8" (71 x 61 x 21 mm)
Weight	4.5 oz. (127 g)

REGULATORY COMPLIANCE

Notice for FCC

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.