

# 4-Port DisplayPort® Video Splitter - 2560x1600

ST124DP



\*actual product may vary from photos

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## FCC Compliance Statement

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.

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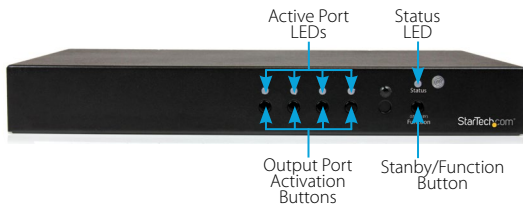
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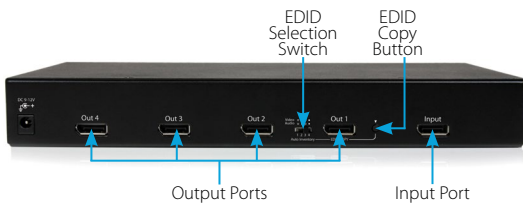
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# Product Overview

## Front View



## Rear View



## Remote Control



# Introduction

This 4-Port DisplayPort video splitter lets you share a single DisplayPort signal with up to four DisplayPort-capable Monitor or Projectors.

Supporting dual link video resolutions up to 2560x1600, this DisplayPort splitter also acts as video distribution amplifier/signal amplifier, allowing you to locate your DisplayPort-capable displays up to 50ft (15m) away from the DisplayPort source.

A perfect addition to virtually any application requiring the high quality video delivered by DisplayPort devices, the DP video splitter is easy to install and provides flawless, distortion-free digital video.

The ST124DP is backed by a StarTech.com 2-year warranty and free lifetime technical support.

## Packaging Contents

- 4-Port DisplayPort Video Splitter - 2560x1600
- 1x Power Adapter
- 1x Instruction Manual

## System Requirements

- DisplayPort Video source device (i.e. computer)
- DisplayPort display devices (i.e. television, projector)
- DisplayPort cables, up to 5 for the desired Number of output devices (up to 4) and input device (1)

# Hardware Installation

**NOTE:** Ensure your DisplayPort enabled video source, and DisplayPort enabled Display Devices are powered off before you begin installation.

1. Connect a DisplayPort Cable (not included) from your DisplayPort Video Source (i.e. computer) to the input Port on the ST124DP.
2. Connect a DisplayPort cable (not included) from the output ports on the ST124DP to each desired display device (up to 4).

**NOTE:** Each port is numbered, please take note of which number is assigned to each display device.

3. Power on each display device, followed by your DisplayPort video source
4. Connect the included power adapter to the power adapter port on the ST124DP.
5. Take the ST124DP out of Standby mode by Pressing the Standby/Function Button
6. Your Video source will now appear on each attached Display device.

# Hardware Operation

1. Manually power on and off displays using the Output Port Activation Buttons

**NOTE:** By default each Output port is activated upon initial ST124DP activation.

## Manually Power off a display device

- a) Press the port activation button that corresponds with the number assigned to the desired display device.
- b) The corresponding Active Port LED will flash red, turn solid red, and turn off. An audio indication will be heard.

## Manually Power on a display device

- a) To power on a display device, press the port activation button that corresponds with the number assigned to desired display device.
- b) The corresponding Active Port LED will flash red, turn solid red, and turn off. An audio indication will be heard.

## 2. Manually Place the ST124DP in and out of Standby mode

a) **To manually place the ST124DP into standby mode, and turn off all attached display devices.** Press and hold the standby/function button for 5 seconds. The Blue LED will turn off indicating the standby process has begun. In this state the LED will flash every 5 seconds.

b) **To manually bring the ST124DP out of standby mode, and turn off all attached display devices.** Press and hold the standby/function button for 5 seconds. The Blue flashing LED will turn solid and the display devices will turn back on.

## 3. Remote Control Operation

a) **Turn ON/OFF Monitor** Press the button number on the remote that corresponds with the display you wish to power on/off and then press VIDEO.

b) **Disable Audio** Press the button number on the remote that corresponds with audio destination you wish to disable and then press Audio.

## 4. EDID Monitor Emulation

EDID allows the video source to output the most ideal signal to the video display. The "EDID Copy" function on the ST124DP ensures that EDID is still active through the switch. This function allows the system either to read the necessary EDID information from the display or to copy EDID from an individual display device attached to the switch.

**NOTE:** Before starting, slide the Switch to the desired position.

# Mode Video Audio



| Mode | Function                      |
|------|-------------------------------|
| 1    | No EDID                       |
| 2    | Copy Audio EDID               |
| 3    | Copy Video EDID               |
| 4    | Copy all (Audio + Video) EDID |

- Apply power to the unit.
- Connect the (EDID compliant) monitor to OUT 1 of the Unit and power on the monitor.
- Press and hold the button "EDID COPY" for 3~5 sec. and release the button RIGHT AFTER the Status LED flashes GREEN.
- When the Status LED returns to normal status, it indicates that the EDID Copy is completed.

# Specifications

|                               |                 |
|-------------------------------|-----------------|
| <b>AV Input</b>               | 1x DisplayPort® |
| <b>AV Output</b>              | 4x DisplayPort® |
| <b>Audio</b>                  | Yes             |
| <b>Max Resolution</b>         | 2560 x 1600     |
| <b>Wide Screen Supported</b>  | Yes             |
| <b>Universal Adapter</b>      | Yes             |
| <b>Wall Plugs Included</b>    | NA/EU/UK/AUS    |
| <b>Power Adapter Included</b> | Yes             |
| <b>Input Voltage</b>          | 100~240V        |
| <b>Input Current</b>          | 0.5 A A         |
| <b>Output Voltage</b>         | 12 DC V         |
| <b>Output Current</b>         | 1.5 A A         |

# Technical Support

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## Warranty Information

This product is backed by a two year warranty.

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