

## 4x1 HDMI Matrix Switch with Picture-and-Picture – 1080p

VS421HDPIP

- DE: Bedienungsanleitung - [de.startech.com](http://de.startech.com)
- FR: Guide de l'utilisateur - [fr.startech.com](http://fr.startech.com)
- ES: Guía del usuario - [es.startech.com](http://es.startech.com)
- IT: Guida per l'uso - [it.startech.com](http://it.startech.com)
- NL: Gebruiksaanwijzing - [nl.startech.com](http://nl.startech.com)
- PT: Guia do usuário - [pt.startech.com](http://pt.startech.com)

Please visit [www.startech.com/VS421HDPIP](http://www.startech.com/VS421HDPIP) for full operating instructions.

### Packaging Contents

- 1x 4-Port HDMI Switch w/PAP
- 1x Remote Control
- 2x Mounting brackets
- 1x Universal Power Adapter (NA/UK/EU/AUS)
- 1x Instruction Manual

### System Requirements

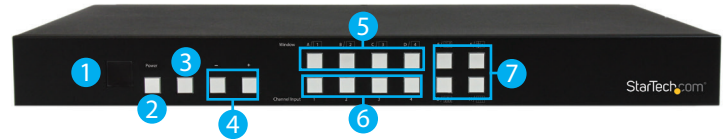
- Up to 4 x HDMI-enabled Video Source Devices (i.e. computer, Blu-ray Player)
- Up to 1x HDMI-enabled Display Devices (i.e. television, projector)
- Up to 5x M/M HDMI cables for your display, and video sources

### Hardware Installation

1. Connect up to four HDMI cables (not included) from each of your HDMI video source devices (i.e. computers, Blu-ray Players) to each of the HDMI input ports on the matrix switch.
2. Connect up to an HDMI cable (not included) from the HDMI output port on the matrix switch to the HDMI input port on your display device (i.e. televisions, projectors).
3. Connect the power adapter from an available power outlet to the Power adapter port the Matrix switch.
4. (Optional) If you would like to control your Matrix Switch with RS232, connect a DB- 9 pin serial cable (not included) from the RS232 serial port on the matrix switch to your RS232 serial port on your computer system.
5. (Optional) If you would like to control your Matrix Switch over your network, connect a network cable (not included) from the Ethernet control port on the matrix switch to an available Ethernet control port on your network device.

### Product Overview

#### Front View



1. IR Sensor
2. Power Button/LED
3. Menu Button/LED
4. Menu Operation Buttons/LED
5. Input Selection Buttons/LED
6. Picture-and-Picture Selection Buttons/LEDs (A-H)
7. All Display Operation Buttons/LEDs (E-H)

#### Rear View



1. HDMI Input Ports
2. HDMI Output Port
3. Ethernet control port
4. USB Service Port
5. RS232 Serial Port
6. Power Adapter Port

\*actual product may vary from photos

# Hardware Operation

## Full Screen Display Operation

1. Press the Output select button (that corresponds with the numbered output display) you wish to select.
2. Your selected video input will now be displayed on your video output.

## Dual Mode Picture-in-Picture Operation

1. Select your primary video input, by pressing the Output select button (that corresponds with the numbered output display) you wish to select.
2. Press the Picture-and-Picture Selection Button (A through D) that corresponds with your desired secondary video output.  
**Note:** A through D represents video Inputs 1 through 4 respectively.
3. Your secondary display is displayed along with your primary display.

## All Input Display Operation

1. Press the All Display button (E through H) that corresponds with your desired display configuration.
2. All Video sources will now display in your desired video output.  
**Note:** The Audio output will be the source device connected to Input 1.

## 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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For the latest drivers/software, please visit [www.startech.com/downloads](http://www.startech.com/downloads)

## Warranty Information

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