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4x1 HDMI +DP to HDMI Converter Switch - 4K 60Hz

Product Diagram (VS421HDDP)

Port		Function
	Front	
1	SWITCH Button	• Cycle through HDMI and DisplayPort Sources
2	DP IN Port	• Connect a DisplayPort Source Device
3	HDMI IN1 Port	• Connect an HDMI Source Device
4	HDMI IN2 Port	• Connect an HDMI Source Device
5	LED Indicators	• Indicates the current status of the Device and Ports
	Rear	
6	IR EXT. Port	• Connect the IR Receiver
7	HDMI IN3 Port	• Connect an HDMI Source Device
8	HDMI OUT Port	• Connect an HDMI Display Device
9	DC 5V Power Port	• Connect a Power Source

Requirements

- HDMI Source Devices (up to 4K @ 60Hz) x 3
- HDMI M/M Cables (sold separately) x 4
- DisplayPort Source Device (up to 4K @ 60Hz) x 1
- DisplayPort M/M Cable (sold separately) x 1
- HDMI Display Device x 1

Note: Premium High Speed HDMI and DisplayPort 1.2 Cables are required for optimal performance at 4K 60Hz.

For the latest requirements, please visit www.startech.com/VS421HDDP.

Installation

Note: Ensure your **HDMI** and **DisplayPort Source Devices** and the **HDMI Display** are powered off before you begin the installation.

1. Connect an **HDMI Cable** (sold separately) to an **Output Port** on the **HDMI Source Device** and to one of the **HDMI IN Ports** on the **Converter Switch**.

2. Repeat step #1 for each of your remaining **HDMI Source Devices**.

    Note: *Each **HDMI Port** is numbered, please take note of which number is assigned to each **HDMI Source Device**.*

To view manuals, FAQs, videos, drivers, downloads, technical drawings, and more, visit www.startech.com/support.

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3. Connect an **HDMI Cable** (sold separately) to the **HDMI OUT Port** on the **Converter Switch** and to an **HDMI Input Port** on the **HDMI Display Device**.

4. Connect a **DisplayPort Cable (sold separately)** to an **Output Port** on the **DisplayPort Source Device** and to the **DP IN Port** on the **Converter Switch**.

5. Connect the **Universal Power Adapter** to an available **Power Source** and to the **Power Adapter Port** on the **Converter Switch**.

6. Power on your **HDMI Display**, then power up each of your **HDMI** and **DisplayPort Source Devices**.

Operation

Manual Operation

Manual mode enables you to switch between **HDMI** and **DisplayPort Video Sources** using the **SWITCH Button** or the **IR Remote Control**.

Input Selection Button

Press the **SWITCH Button** to toggle between the **HDMI** and **DisplayPort Source Devices**.

IR Remote Control

Press ◀ or ▶ to cycle through all of the connected **Sources**. Cycle in one direction until the desired **HDMI** or **DisplayPort Source Device** is selected.

See the following table for **IR Remote Control Button** details:

IR Remote Control Button	Function
1	Switch Source to **DP IN**
2	Switch Source to **HDMI IN1**
3	Switch Source to **HDMI IN2**
4	Switch Source to **HDMI IN3**

Automatic Operation

The **Converter Switch** can automatically select the most recently activated or connected **HDMI** or **DisplayPort Source Device**.

Connect a new **Source Device** or turn on an already connected **Source Device** to automatically switch **Video Sources**.

LED Indicators

LED Label	Function
POWER	**ON:** Device is powered on
	OFF: Device is powered off
DP IN	**ON:** DisplayPort Source is selected
	OFF: DisplayPort Source is not selected
HDMI IN (1,2,3)	**ON:** HDMI Source is selected
	OFF: HDMI Source is not selected
HDMI OUT	**ON:** HDMI Display Device is connected
	OFF: HDMI Display Device is not connected

Battery Replacement

The **IR Remote Control** contains a CR2025 coin style **Battery** that can be replaced as needed. To replace the **Battery** follow these steps.

1. Place the **IR Remote Control** with the button side down on a flat and stable surface.

2. Locate the **Tab** at the bottom of the **IR Remote Control** and pinch the **Tab** inwards while pulling the **Battery Tray** away from the **IR Remote Control**.

3. Remove and replace the **Battery**.

4. Insert the **Battery Tray** back into the **IR Remote Control** until the **Tab** clicks.