



Simplecom KM470 2-Port USB-C KVM Switch with Docking Station User Manual

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Simplecom®

Simplecom KM470 2-Port USB-C KVM Switch with Docking Station



Features

- USB-C KVM switch allows 2 laptops to share external display and USB devices

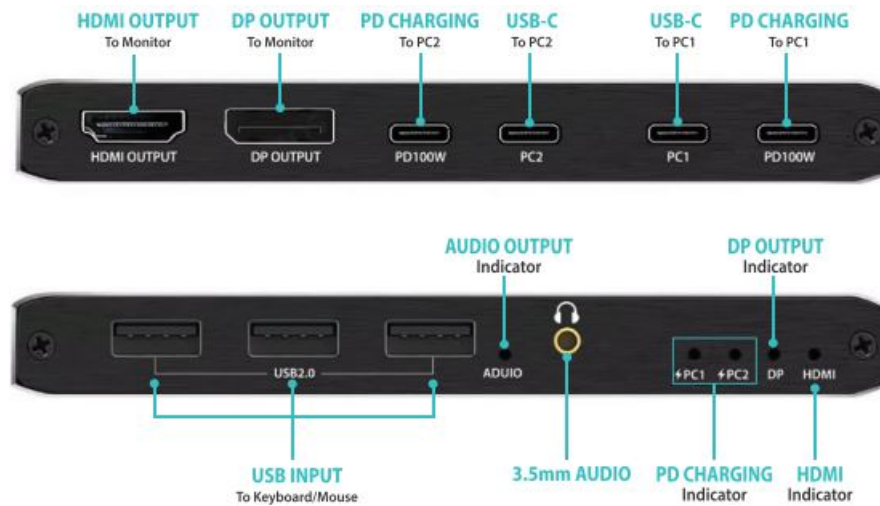
- Intergraded USB-C docking station, single USB-C cable for Video, Data and PD
- With both DisplayPort and HDMI output ports for TV or monitors
- 3-Port USB 2.0 hub for connecting mouse, keyboard, printer and more
- 3.5mm audio jack for connecting headphones or speakers
- Two PD charging ports allow charging for both laptops simultaneously
- HDMI 2.1 and DP 1.4 compliant, support video resolution up to 8K
- Backward compatible with HDMI 2.0 and HDMI 1.4
- Easy to use by pressing the toggle button on the KVM switch
- Self-powered via connected laptop, no external power required
- Plug and play and hot swappable
- Durable aluminium alloy casing, also efficiently dissipate heat
- LED light indicating the active computer and PD charging

Important Note

- Please confirm the USB-C port on your laptop or tablet supports DisplayPort Alternate Mode (DP Alt Mode).
Some USB-C ports only work for charging or data transfer, no video output function
- USB-C port on desktop PC is not supported
- Self-powered via connected laptop, no external power required
- DP and HDMI port can't be used simultaneously
- Two USB-C PD ports are always enabled, for charging both laptops simultaneously
- For 8K resolution support, Thunderbolt 4 port are required on laptop, with maximum length of 2M DP 1.4 or HDMI 2.1 cable

Specifications

- **Model:** KM470
- **USB Upstream Ports:** USB-C x2 (Connect to PC1 and PC2)
- **USB Downstream Ports:** USB 2.0 x3 (Connect USB peripherals)
- **PD Charging Port:** USB-C x2 (up to 100W on each port)
- **Video Output:** HDMI 2.1 x1, DP 1.4 x1
- **USB Max Bandwidth:** HighSpeed 480Mbps
- **HDMI Max Bandwidth:** 48Gbps
- **DP Max Bandwidth:** 32.4Gbps
- **Video Resolution:** 1080p@60/120/165Hz, 4K@60/120/144Hz (DSC), 8K@30/60Hz(DSC)
- **Audio Output:** 3.5mm audio jack (sound output only)
- **Operating Temperature:** 0 to 50°C
- **Dimension (L x W x H):** 13 x 6.3 x 1.6mm
- **Operating System Support:** Windows, MacOS, Chrome OS



3.5mm Audio Jack Setting

No Sound From Laptop With KM470 Connected

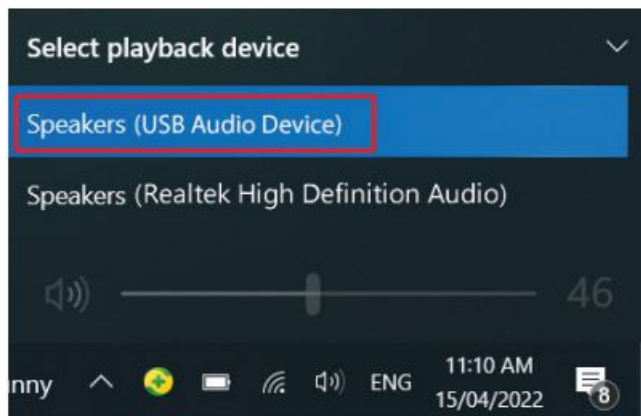
When you connect KVM switch to your laptop for the first time, the system may switch the default sound output to the 3.5mm audio jack on KM470, you can switch back to computer speaker if you don't need sound output from the 3.5mm jack.

How to select default sound output on Windows?

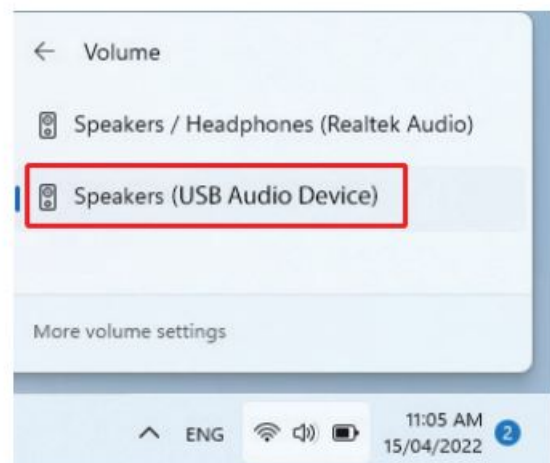
Windows 10: Click "Sound" icon in system tray, then click "Select playback device" to select default playback device.

Windows 11: Click "Sound" icon in system tray, then click "Manage audio device" icon next to volume control, then select default playback device.

The 3.5mm audio output will show "USBAudio Device" on Windows.



Windows 10



Windows 11

How to Connect

Before connecting to your laptops, please check the USB-C port on your laptop or tablet supports DisplayPort Alternate Mode (DP Alt Mode). Some USB-C ports only work for charging or data transfer, no video output function.

1. Connect front 3x USB downstream ports to your USB peripherals, such as mouse, keyboard, printer and more
2. Connect rear 2x USB-C upstream ports (PC1 and PC2) to your laptops with USB-C cables (included)
3. Connect rear HDMI or DP output port to your display (Please note DP and HDMI port can't be used simultaneously)

4. Connect rear 2x USB-C PD ports (2xPDI00WJ to PD Chargers of your laptops (This step is optional, two PD ports are only used for charging laptops and it's not required for switching monitor and USB devices)
5. To switch between PCI and PC2, press the SELECT button, USB-C upstream ports will be switched (Please note two USB-C PD ports are always enabled, for charging both laptops simultaneously)

Warranty

1 Year limited Warranty. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage.

You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.


For our assistance with regards to warranty please email to support@simplecom.com.au or create a support ticket at <http://www.simplecom.com.au>

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Documents / Resources

	<p>Simplecom KM470 2-Port USB-C KVM Switch with Docking Station [pdf] User Manual KM470 2-Port USB-C KVM Switch with Docking Station, KM470, 2-Port USB-C KVM Switch with Docking Station, KM470 2-Port USB-C KVM Switch, 2-Port USB-C KVM Switch, USB-C KVM Switch, KVM Switch, Switch</p>
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