



Simplecom CM302 Bi Directional 2 Way HDMI 2.0 Switch User Manual

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CM302 Bi-Directional 2 Way
HDMI 2.0 Switch



User Manual
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About Product

CM302 is bi-directional 2-way HDMI 2.0 switch that can be used to switch two different HDMI sources or HDMI displays. Toggle button allows you to quickly select a video source or displays, without having to swap cables. You can connect two HDMI sources, such as Game Consoles, PC, TV Box to one HDMI port on your TV or monitor, and allow two HDMI source devices to share one HDMI port on display. It also functions in the opposite direction, connecting an HDMI source to switch between two displays.



Features

- Bi-Directional 2-way HDMI 2.0 switch for toggling between 2 HDMI sources or displays
- Quickly switch video sources or displays without having to swap cables
- Durable aluminium alloy casing, also efficiently dissipate heat
- Portable and compact size, easy to install
- HDMI 2.0 compliant, support bandwidth up to 18Gbps
- Support HDMI video resolution up to 4K@60hz
- HDCP 2.2 compliant, wide compatibility with most HDMI devices
- Powered by HDMI source device, with backup USB power

Specifications

- Model: CM302
- HDMI Version: HDMI 2.0
- Video Resolution Support: up to 4K@60hz
- Audio Support: DTS-HD, Dolby True HD, Dolby Digital, Dolby Atmos, LPCM 7.1
- HDR Format Support: HDR10
- HDCP Version Support: HDCP 2.2
- Max Bandwidth: 18Gbps
- Max cable distance:
 - 4K@60Hz: Input<1.5M, Output<1.5M
 - 4K@30Hz: Input<3M, Output<3M
 - 1080p @60Hz: Input<5M, Output<5SM
- Max Operation Current: 15mA
- Power Input: USB DC 5V
- Operating Temperature: (-15 to +55°C)
- Dimension (L x W x H): 53x52x21mm

Switch Mode

MODE 1: Switching 2 HDMI Sources (2 Inputs 1 Output)

You can connect two HDMI sources, such as Game Consoles, PC, TV Box to one HDMI port on TV or monitor. Two HDMI source devices share one HDMI port on display.

MODE 2: Switching 2 Display Devices (1 Input 2 Outputs)

You can connect one HDMI source to toggle between two displays, please note two screens cannot display simultaneously under 1 input 2 outputs mode.

Important Notes

- For 4K@60Hz supports, please note the max cable length of input or output is 1.5M
- This is a manual HDMI switch and does not support automatic switching
- Powered by HDMI source device, please plug USB power if no enough power from HDMI
- Two screens cannot display simultaneously under 1 Input 2 Outputs mode

FAQ

Q: Do I have to connect the USB power cable

The switch box is powered by HDMI source device, you don't have to plug the USB cable if HDMI source device can supply enough power, otherwise you can plug the USB cable is for backup power.

Q: Cannot display 4K@60Hz signal

First, please make sure the HDMI cables used is 28AWG 19+1 HDMI cable or better, which is capable to transmit HDMI 2.0 18Gbps signal. Also, you can try to change the video output setting to Automatic or change the output from YUV444 to YUV420.

Q: What HDMI cables should I use?

HDMI cable which is capable for 18Gbps bandwidth is recommended for each cable connected to this switch, and reduce cable length for stable video quality.

Q: No signal when the HDMI signal source is a PC/Laptop.

Please check the screen properties on Windows, you need to select Duplicate mode or Expand Mode to activate the HDMI output on your PC as a secondary display.

Warranty

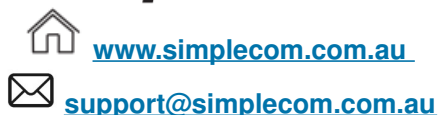
1 Year limited Warranty. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage.

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

	Simplecom CM302 Bi Directional 2 Way HDMI 2.0 Switch [pdf] User Manual CM302 Bi Directional 2 Way HDMI 2.0 Switch, CM302, Bi Directional 2 Way HDMI 2.0 Switch, 2 Way HDMI 2.0 Switch, HDMI 2.0 Switch
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References

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