



**8K@60Hz 2-port Dual Display
HDMI™ KVM Switch
(Audio, USB 3.0)**

USER MANUAL

UKM-201-2C

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Thank you for purchasing this product

For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Surge protection device recommended

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lightning strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the service life of your equipment.

Warranty Registration

Activate your warranty by registering your product at:

 www.orei.com/register

Need Technical Support? We're Here to Help.

Our experienced Technical Support Team is available to answer your questions, offer expert advice, and help troubleshoot any issues to keep your project on track—on time and on budget.

Live Support Hours (US/Canada/Mexico):

 Monday–Friday | 9:00 a.m. – 5:00 p.m. Central Time

Contact Us:

 Email: info@orei.com

 Phone: 877-290-5530

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Send us an instant message—our team typically responds within moments during live support hours.

Introduction

The UKM-201-2C is a high-performance 8K HDMI KVM Switch that lets you control two computers using one set of peripherals and dual external displays. It supports dual HDMI 8K@60Hz (YUV 4:4:4) with HDR10, HDR10+, Dolby Vision, HLG, 3D at 1080p, and HDCP 2.3. The dual HDMI outputs support Extend Mode (MST) for running different content on two screens. It features 12-bit Deep Color, 48Gbps bandwidth, CEC, and advanced audio including Uncompressed LPCM, and Compressed Dolby TrueHD, and DTS-HD Master Audio over HDMI. Supported resolutions also include 4K@120/144/165Hz, 2K@60/120/144/165Hz, and 1080p@120/144/165/240Hz. With three USB-A 3.0 ports and one USB-C 3.0 device port, it allows fast (5Gbps) sharing of keyboards, mice, SSDs, touchscreens, and other peripherals between both systems. A 3.5mm stereo audio output is included for flexible monitoring with speakers or headsets.

Switching between computers is simple via the top button or wired remote, ensuring smooth workflow transitions. Compact and built for advanced multi-display setups, it's ideal for commercial workstations, creative studios, and high-efficiency home offices.

Note: Extended display mode requires two HDMI outputs and MST support. macOS laptops support only SST, so extended displays will not work on Macs.



Features & Package Contents

- 1. MST Support** – Allows extended displays from both computers.
- 2. High-Speed USB Connectivity** – Three USB-A 3.0 and one USB-C 3.0 device ports support data transfer speeds up to 5Gbps.
- 3. 8K Ultra-HD Video Support** – Delivers resolutions up to 8K@60Hz (YUV 4:4:4), 4K@120Hz, 2K@120Hz, and 1080p@240hz for crystal-clear, high-detail imagery.
- 4. HDR & 3D Video Compatible** – Supports HDR10, HDR10+, Dolby Vision, HLG with 3D video support at 1080p.
- 5. HDCP Compliant** – Fully supports HDCP 2.3 for encrypted content and premium video playback.
- 6. Advanced Audio Support** – 3.5mm audio output for headphones and speakers. Support for uncompressed LPCM and compressed DTS-HD Master Audio™, and Dolby TrueHD through HDMI.
- 7. Multiple Switching Modes** – Switch between connected hosts using the top-panel button or the included wired remote control.
- 8. Deep Color & High Bandwidth** – Supports 12-bit deep color, TMDS clock up to 1200MHz, and bandwidth up to 48Gbps (12Gbps per channel).
- 9. CEC Support** – Enables seamless control integration with compatible HDMI devices.
- 10. User-Friendly Plug-and-Play Operation** – No driver installation required.

Package Contents

1.	UKM-201-2C	1 pcs
2.	USB Cables	3 pcs
3.	Remote	1 pcs
4.	User Manual	1 pcs

Specifications

Technical	
HDMI Compliance	HDMI 2.1
HDCP Compliance	HDCP 2.3/2.2/1.4
Video Bandwidth	12Gbps/1200MHz per channel(48Gbps all channels)
Video Resolution	480i,576i,1080i 480p,576p,720p,1080p,4K@24/25/30/50/60/120Hz, 8K@25/30/50/60Hz
Color Space	4:4:4/4:2:2
Color Depth	8/10/12 bit
Audio Formats	LPCM/DTS/Dolby Digital/DTS-HD Master Audio™ / Dolby TrueHD
HDR	Supported
ESD Protection	Contact discharge (±4KV), air discharge (±8kv),Implementation of the standard: IEC61000-4-2
Connection	
Input	4 x HDMI [Type A 19-pin female]
Output	2 x HDMI [Type A 19-pin female] 1 x 3.5mm [Stereo audio jack]
Control	3 x USB [Type C female] 3 x USB [Type A female] 1 x USB [Type C female, for Power] 1 x CONTROL [2.5mm jack]

Mechanical	
Housing	Aluminium Alloy
Color	Black
Dimensions	L: 130.55mm / 5.14in W: 60.58mm / 2.39in H: 30.61mm / 1.21in
Weight	227g / 8.01oz
Power Supply	FCC, CE, RoHS
Power Consumption	10W
Operation Temperature	0°C ~ 50°C / 32°F ~ 122°F
Storage Temperature	-10°C to 70°C
Relative Humidity	5% to 80% RH non-condensation

Operation Control & Functions



Operation Control & Functions

No.	Name	Function Description
1.	3.5mm	Connect an audio device such as headphone, soundbar, etc.
2.	Control	Connect the included wired remote.
3.	USB-C 5Gbps	Connect a USB peripheral like Keyboard, Mouse, Webcam, USB drives, etc.
4.	USB-A 5Gbps	Connect a USB peripheral like Keyboard, Mouse, Webcam, USB drives, etc.
5.	SELECT Button	Press the button to switch between Input 1 and 2. The button will light up Blue when Input 1 is selected and Green when Input 2 is selected.
6.	DC 5V	Connect a USB-C power cable using a USB power adapter or a USB port on the display or media source. The device requires minimum 5V/2A power. (adapter not included)
7.	HDMI OUT A/B	Connect a display device such as a TV, Monitor, etc.
8.	HDMI A/B and USB C	Connect a PC or Laptop through its HDMI and USB port. Extended displays would only work if your PC or Laptop has two HDMI outputs.
9.	HDMI A/B and USB C	Connect a PC or Laptop through its HDMI and USB port. Extended displays would only work if your PC or Laptop has two HDMI outputs.

Note: Note: For Laptops that only have one HDMI port or no HDMI at all, you can use an OREI SplitXtend adapter to get two HDMI outputs.

Suggested SplitXtend models: USBC2HDMI2, SX-2C4K, SX-2C4K-85, SX-2C4K-D100W, SX-3C4K-D150W.

Application Example



1. No video output or video flickering

- Try lowering the resolution from the PC or laptop settings
- For 8K@60Hz output, use cables no longer than 6 feet and for 4K@60Hz output, use cables no longer than 16 feet.
- Try changing the HDMI cables

2. My laptop only has one HDMI port, how can I get extended displays?

For Laptops with one or no HDMI ports, you can use an OREI SplitXtend adapter. Some suggested models are: USBC2HDMI2, SX-2C4K, SX-2W1080, SX-2C4K-D100W, SX-3C4K-D150W.

3. I am unable to get audio from my laptop or displays when connecting to the Switch.

You need to go to the sound settings on your laptop or PC and select the Switch as the audio output and you should get audio from the display speakers.

Still have some questions?

Please feel free to contact us at: info@orei.com. OR Fill out the form on the 'Contact Us' page on the website.

Our team will be more than happy to help you.

OREI Live Technical Support Hours

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