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> KCEVE KCNWKC842 4-Port 2-Monitor HDMI KVM Switch User Manual

## KCEVE KCNWKC842

# KCEVE KCNWKC842 4-Port 2-Monitor HDMI KVM Switch User Manual

Model: KCNWKC842

## INTRODUCTION

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The KCEVE KCNWKC842 KVM Switch allows you to control up to four computers or laptops using a single set of keyboard, mouse, and two monitors. This device is designed for environments requiring high-resolution display support, including 8K@60Hz and 4K@144Hz, and features USB 3.0 for fast and stable data transfer. It is suitable for office, multimedia, and conference room applications, streamlining your workspace by reducing cable clutter and peripheral requirements.

## PACKAGE CONTENTS

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Please verify that all items listed below are included in your package:

- 1x KCEVE KVM Switch (KCNWKC842)
- 4x USB 3.0 Cables
- 1x Wired Remote Control (1.5m)
- 1x Power Adapter
- 1x User Manual

## ✔ Use KVM Switch

4 computer host share 2 monitors, mouse and keyboard



## ✘ No KVM Switch

4 computer 4 set of mouse and keyboard, crowded desktop



Image: The KVM switch unit with its included accessories: 4 USB cables, a wired remote, a power adapter, and the user manual. Dimensions of the KVM switch are also shown.

## SETUP INSTRUCTIONS

Follow these steps to connect your KVM switch and associated devices:

1. **Power Off Devices:** Ensure all computers and monitors are powered off before making any connections.
2. **Connect Monitors:** Connect your two monitors to the KVM switch's HDMI OUTPUT ports (Monitor A and Monitor B).
3. **Connect Computers (Video):** For each computer (PC1, PC2, PC3, PC4), connect two HDMI cables from the computer's video output ports to the corresponding HDMI INPUT ports on the KVM switch (e.g., PC1's HDMI outputs to HD1A and HD1B on the KVM switch). **Note:** HDMI cables are not provided. Each computer requires two HDMI connections to support two monitors. Ensure your computers, monitors, and HDMI cables support the desired 4K or 8K resolution.
4. **Connect Computers (USB):** Connect the provided USB 3.0 cables from each computer's USB port to the corresponding USB 3.0 INPUT ports on the KVM switch (e.g., PC1's USB port to USB 1 on the KVM switch). These connections enable keyboard, mouse, and other USB device sharing.

5. **Connect Peripherals:** Connect your keyboard, mouse, and any other USB 3.0 devices (e.g., printer, scanner, U-disk) to the USB 3.0 OUTPUT ports on the front of the KVM switch.
6. **Connect Wired Remote (Optional):** If desired, connect the wired remote control to the 'Control' port on the KVM switch.
7. **Connect Power:** Connect the provided power adapter to the DC/12V port on the KVM switch and then to a power outlet.
8. **Power On:** Power on the KVM switch, then your monitors, and finally your computers.

**Noted:** no HDMI cable provided, please use your own HDMI cable, each computer will need 2 HDMI connection to make 2 monitors has signal, to achieve 4K or 8k resolution please make sure that your computer, monitor and HDMI cables are support 4k or 8k resolution.

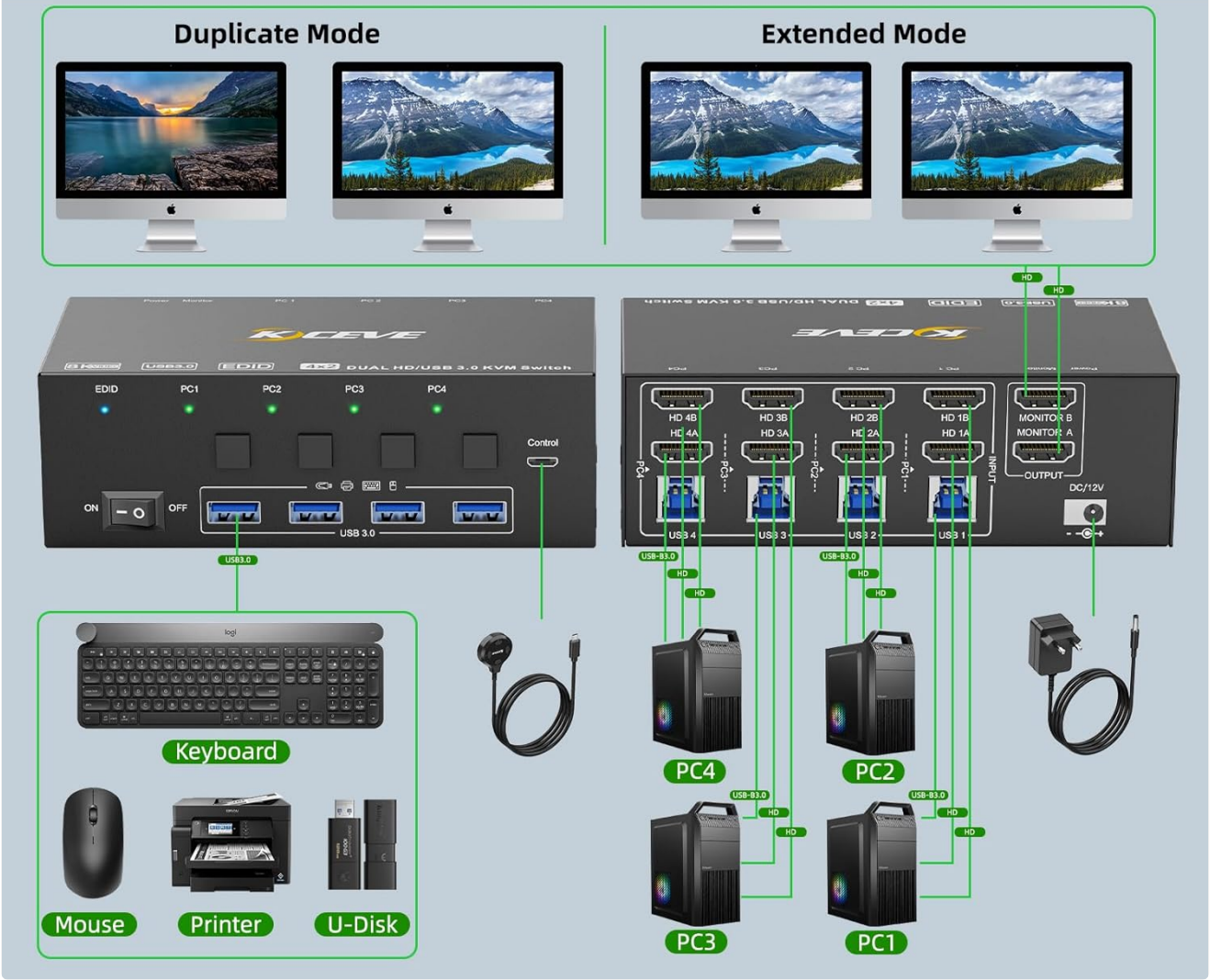


Image: A detailed diagram illustrating how to connect four PCs, two monitors, a keyboard, mouse, and other USB devices to the KCEVE KVM switch. It shows both Duplicate and Extended display modes.

## 2 Switching Methods



### Switching way ①: physical button control

flexible button control allows you freely switch between 2 computers

### Switching way ②: wired control

Allows you hide the KVM switch under the table and keep your desk tidy

Image: A comparison showing a tidy desk setup with the KVM switch, sharing two monitors, a mouse, and a keyboard among four computers, versus a cluttered desk without a KVM switch, requiring separate peripherals for each computer.

## OPERATING INSTRUCTIONS

The KVM switch supports two methods for switching between connected computers:

- **Physical Button Control:** Press the corresponding PC selection button (PC1, PC2, PC3, or PC4) on the front panel of the KVM switch to switch to the desired computer. An LED indicator will illuminate to show which computer is currently active.
- **Wired Remote Control:** Use the wired remote control to switch between computers. This allows you to place the KVM switch out of sight, maintaining a tidy desktop.

**Note:** Keyboard shortcuts (hotkeys) for switching are not supported by this KVM switch.

# Enjoy HD Resolution

Support resolution 8k@60Hz, 4k@144Hz/120Hz, 4k@60Hz, to make 8K resolution work please make sure that your hdmi cable, computer and monitor are all support support 8K



Image: Demonstrates the two switching methods: physical buttons on the KVM unit and the wired remote control for convenient switching.

## DISPLAY MODES

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The KVM switch supports two primary display modes for your monitors:

- **Extended Mode:** In this mode, your two monitors act as a single, continuous desktop, allowing you to drag windows and extend your workspace across both screens.
- **Copy Mode (Duplicate Mode):** In this mode, the same content is displayed on both monitors, mirroring the primary screen.

To set your display mode on a Windows PC, press the **Windows key + P** simultaneously and select your desired display option (Extend or Duplicate).

## Press keyboard key



" Windows" and " P" together, then make the setting to the mode you want.

In "EXTEND" mode, working window from the main screen can be dragged to the second output screen by mouse, that means mouse can go across between 2 monitors.

In "Duplicated" mode, 2 monitors will display same image simultaneously from PC1 or PC2

## Extended Mode



## Copy Mode



Image: Visual representation of Extended Mode, where the desktop spans across two monitors, and Copy Mode, where the same image is duplicated on both monitors.

# EDID Emulator

With EDID emulators in each input port to keep computer always having correct display information when switching back from PC1 or PC2.

## 😊 With EDID Emulator



## ☹ No EDID Emulator



Image: Instructions on how to switch between Extended Mode and Copy Mode using the 'Windows + P' keyboard shortcut.

## EDID EMULATOR

The KCEVE KVM switch includes EDID emulators in each input port. This feature ensures that your computers always receive correct display information, preventing display resolution or arrangement issues when switching between PCs. The EDID emulator helps maintain consistent display settings and avoids screen flickering or rearrangement delays during transitions.

## Copy Mode



## Extended Mode



Image: Illustrates the benefit of the EDID emulator, showing stable display information when switching between PCs, compared to potential display issues without an EDID emulator.

## SPECIFICATIONS

Feature	Description
Model Number	KCNWKC842
Input Interface	4x HDMI, 4x USB 3.0 (Type-B)
Output Interface	2x HDMI, 4x USB 3.0 (Type-A)
Video Resolution Support	Up to 8K@60Hz, 4K@144Hz/120Hz
USB Standard	USB 3.0 (High Speed Transmission)
Switching Methods	Physical Button, Wired Remote Control
EDID Emulation	Yes

Operating System Support	Windows XP/7/8/Vista, Mac OS 8.6 and above
Material	Metal
Item Weight	1.32 pounds
Package Dimensions	7.87 x 5.91 x 1.97 inches

## Packing List

1x HDMI KVM switch  
1x Wired remote (1.5m)  
1x User manual

4x USB cables  
1x Power adapter



Image: Illustrates the KVM switch's capability to support high-definition resolutions like 8K, ensuring a clear and immersive viewing experience.

## TROUBLESHOOTING

If you encounter issues with your KCEVE KVM Switch, please refer to the following common solutions:

- **No Display on Monitors:**

- Ensure all HDMI cables are securely connected between the computers, KVM switch, and monitors.
- Verify that each computer has two HDMI cables connected to the KVM switch.

- Check if the KVM switch is powered on and the correct input is selected.
  - Confirm that your monitors and computers support the selected resolution (e.g., 4K or 8K).
  - Try restarting the KVM switch and then the connected computers.
- **Keyboard/Mouse Not Responding:**
    - Ensure the USB 3.0 cables are securely connected from each computer to the KVM switch's USB input ports.
    - Verify that your keyboard and mouse are connected to the USB 3.0 output ports on the KVM switch.
    - Try connecting the keyboard and mouse directly to the computer to confirm they are functional.
    - Some specialized gaming keyboards/mice may require direct connection or specific drivers not compatible with KVM switches.
- **Resolution or Refresh Rate Issues:**
    - Ensure all HDMI cables used are high-speed and rated for the desired resolution (e.g., HDMI 2.0 or 2.1 for 4K/8K).
    - Check your computer's display settings to ensure the correct resolution and refresh rate are selected.
    - Update your graphics card drivers on the connected computers.
- **Intermittent Connectivity:**
    - Ensure the power adapter is securely connected and providing stable power to the KVM switch.
    - Avoid using excessively long or low-quality cables, especially for high-resolution video.

## WARRANTY AND SUPPORT

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KCEVE products are designed for reliability and performance. If you encounter any problems during the use of your KVM switch, please do not hesitate to contact KCEVE customer service. Our support team is available to assist you with troubleshooting, technical questions, and any other concerns you may have.

Please refer to your purchase documentation or the KCEVE official website for specific warranty details and contact information.