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› KCEVE DP HDMI KVM Switch User Manual

## KCEVE KCDZUS202DH

# KCEVE DP HDMI KVM Switch User Manual

Brand: KCEVE

Model: KCDZUS202DH

## PRODUCT OVERVIEW

The KCEVE DP HDMI KVM Switch is designed to allow two computers to share two monitors, a single keyboard, and a single mouse. It supports high-resolution video output up to 4K@60Hz, making it suitable for professional and home office environments. This device simplifies your workspace by reducing cable clutter and enabling seamless switching between systems.

### Key Features:

- Supports dual monitor output (one HDMI, one DisplayPort) for each connected computer.
- Enables sharing of a single USB keyboard and mouse between two computers.
- Features additional USB 2.0 ports for sharing peripherals like printers or USB drives.
- Supports Ultra HD 4K (3840x2160@60Hz) resolution.
- Offers two switching methods: physical button on the device and a wired remote control.
- Supports both 'Copy Mode' (mirroring displays) and 'Extend Mode' (extending desktop across displays).
- Plug and play functionality, no driver installation required.



Image: Front view of the KCEVE DP HDMI KVM Switch with its wired remote control.

## SETUP GUIDE

### Package Contents

Please verify that all items are present in the package:

- 1 x KCEVE DP HDMI KVM Switch
- 1 x Wired Remote Control (1.5m)
- 1 x HDMI 2.0 Cable (1.5m)
- 1 x DP 1.2 Cable (1.5m)
- 2 x USB Cables (1.5m)



## Packing list

Image: Contents of the KVM switch package, including the switch unit, wired remote, HDMI cable, DisplayPort cable, and USB cables.

## Connection Diagram and Steps

Follow these steps to connect your computers and monitors to the KVM switch:

1. Ensure both computers and monitors are powered off before making connections.
2. Connect your primary monitor's HDMI input to the KVM switch's 'Monitor HDMI' output port.
3. Connect your secondary monitor's DisplayPort input to the KVM switch's 'Monitor DisplayPort' output port.
4. For PC1: Connect PC1's HDMI output to the KVM switch's 'PC1 HDMI' input port.
5. For PC1: Connect PC1's DisplayPort output to the KVM switch's 'PC1 DisplayPort' input port.
6. For PC1: Connect a USB cable from PC1's USB port to the KVM switch's 'USB 1' input port. This cable also provides power to the KVM switch.
7. Repeat steps 4-6 for PC2, connecting its HDMI, DisplayPort, and USB outputs to the corresponding 'PC2' input ports on the KVM switch.
8. Connect your USB keyboard and mouse to the dedicated USB 2.0 ports on the KVM switch.
9. If desired, connect other USB peripherals (e.g., printer, USB drive) to the additional USB 2.0 ports on the KVM switch.

switch.

10. Connect the wired remote control to its designated port on the KVM switch.

11. Power on your monitors and then your computers.

**Important Note:** Each computer requires one HDMI and one DisplayPort connection to the KVM switch for dual monitor functionality. Ensure all USB cables are connected to provide sufficient power to the KVM switch.

**Support:** PC1 output to monitor A and B, or PC2 output to monitor A and B

**Not support cross output:** PC1 output to monitor A, PC2 output to monitor B  
PC1 output to monitor B, PC2 output to monitor A

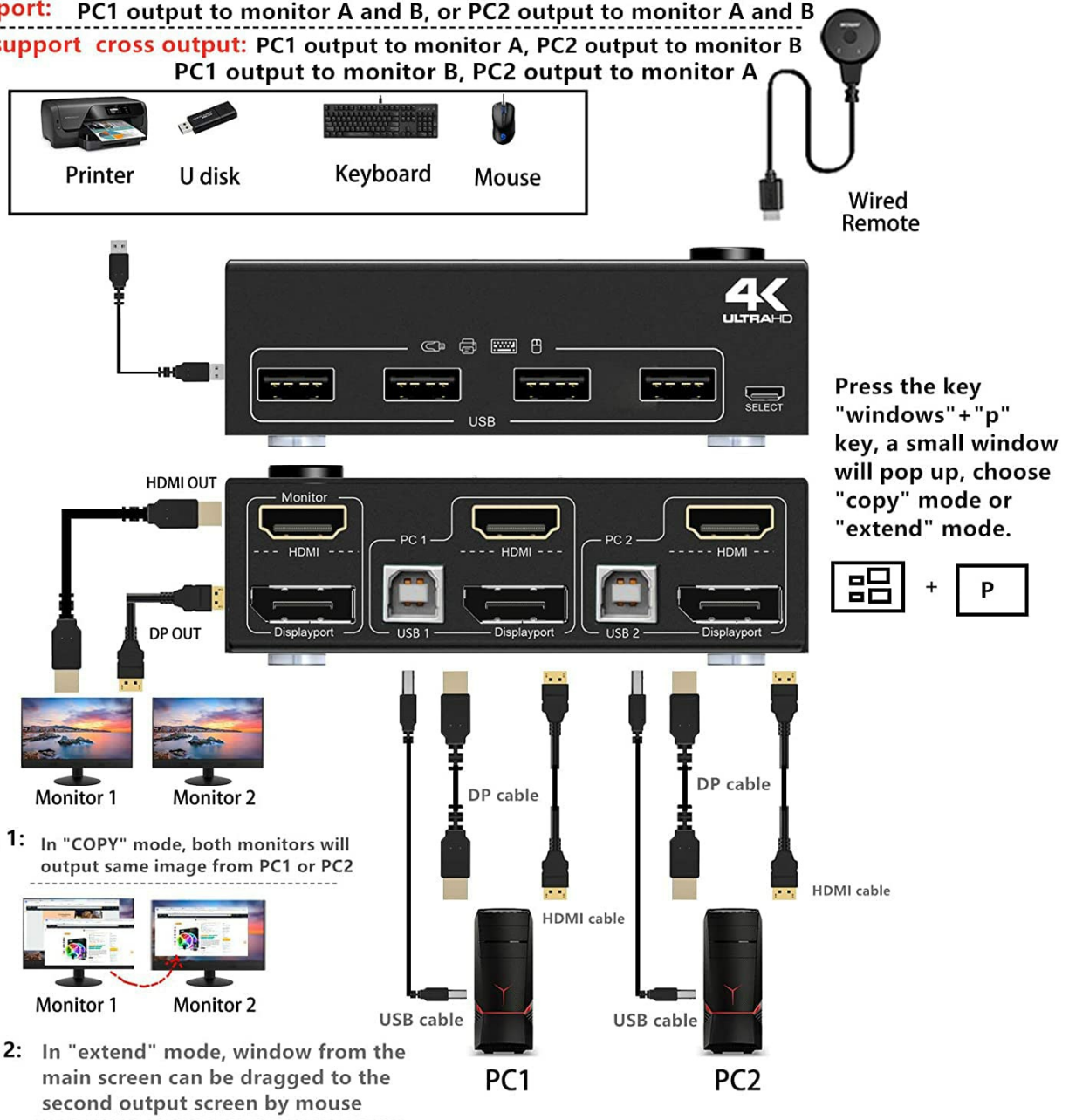


Image: A comprehensive diagram illustrating how to connect two PCs and two monitors to the KVM switch, including USB peripherals.

## HDMI + DP Port KVM Switcher For 2 Computers 2 Monitors

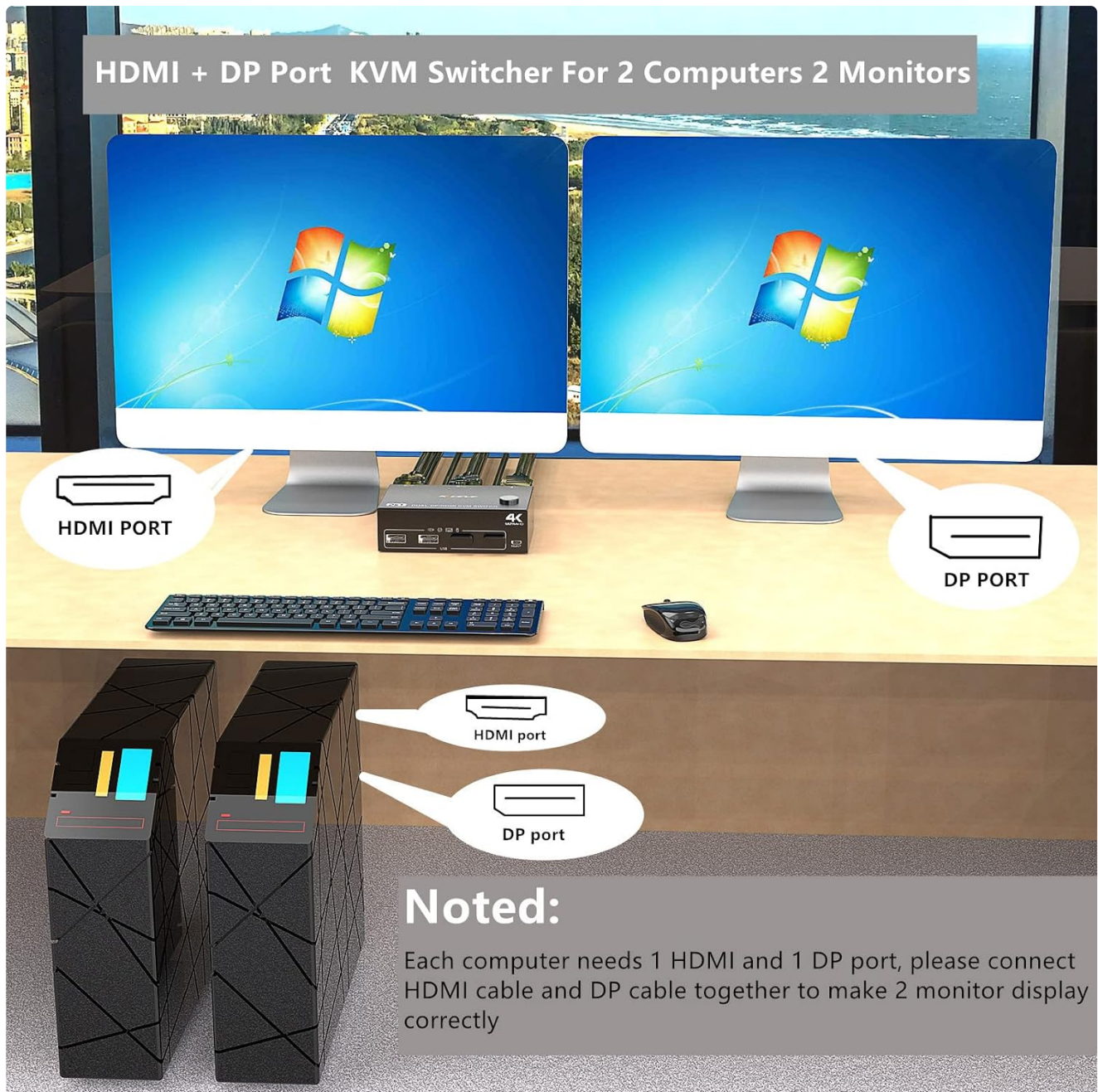


Image: An example setup showing two computers connected to two monitors via the KVM switch on a desk.

## OPERATION

### Switching Between Computers

The KVM switch offers two convenient methods for switching between connected computers:

- **Physical Button:** Press the 'Select' button located on the top of the KVM switch to toggle between PC1 and PC2.
- **Wired Remote Control:** Use the included wired remote control to switch between PC1 and PC2. This provides flexibility for placing the KVM switch out of sight.



## ① Physical Button

Selecting computer 1 or computer 2 by pressing the button



## ② Wired Control

Come with a wired control, provides more convenient switching option

Image: Illustration showing the physical button on the KVM switch and the wired remote control for switching between computers.

### Display Modes (Copy vs. Extend)

The KVM switch supports both 'Copy Mode' and 'Extend Mode' for your dual monitor setup. These modes are configured within your computer's display settings, not directly on the KVM switch.

- **Copy Mode:** In this mode, both monitors will display the same image from the selected PC. This is useful for presentations or mirroring content.
- **Extend Mode:** In this mode, your desktop is extended across both monitors, allowing you to drag windows from one screen to the other. This is ideal for multitasking and increasing screen real estate.

To switch between display modes on Windows, press the **Windows key + P**. A small window will pop up, allowing you to choose between 'Duplicate' (Copy Mode) or 'Extend' (Extend Mode).



Image: Visual representation of 'Copy Mode' where both monitors show identical content, and 'Extend Mode' where the desktop spans across two monitors.

## MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your KCEVE DP HDMI KVM Switch, please follow these maintenance guidelines:

- Keep the device in a dry environment, away from moisture and extreme temperatures.
- Clean the exterior of the switch with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials.
- Do not block any ventilation openings on the device.

- Avoid dropping or subjecting the device to strong impacts.
- Disconnect all cables before cleaning or if the device will not be used for an extended period.

## TROUBLESHOOTING

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

| Problem                                                       | Possible Cause / Solution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No display or flickering display on monitors after switching. | <ul style="list-style-type: none"> <li>• Ensure all HDMI and DisplayPort cables are securely connected.</li> <li>• Verify that you are using high-quality HDMI 2.0 and DP 1.2 cables, especially for 4K@60Hz resolution.</li> <li>• Check if the KVM switch is receiving sufficient power. Ensure both USB cables from the computers are connected to the KVM switch.</li> <li>• Try switching back and forth a few times using the button or remote.</li> <li>• Restart the monitors and/or computers.</li> <li>• Reduce the display resolution on your computer to see if the issue persists.</li> </ul> |
| Keyboard or mouse not responding.                             | <ul style="list-style-type: none"> <li>• Ensure the keyboard and mouse are connected to the dedicated USB 2.0 ports on the KVM switch.</li> <li>• Verify the USB cables from the computers to the KVM switch are properly connected and providing power.</li> <li>• Try connecting the keyboard and mouse directly to the computer to confirm they are functional.</li> <li>• Some specialized gaming keyboards/mice with advanced features may have compatibility issues. Try a standard keyboard/mouse.</li> </ul>                                                                                       |
| USB peripherals (printer, U disk) not detected.               | <ul style="list-style-type: none"> <li>• Ensure the peripheral is connected to one of the additional USB 2.0 ports on the KVM switch.</li> <li>• Verify the USB cables from the computers to the KVM switch are properly connected.</li> <li>• Some high-power USB devices may require an external power source or a powered USB hub.</li> </ul>                                                                                                                                                                                                                                                           |
| MacBook compatibility issues.                                 | <ul style="list-style-type: none"> <li>• MacBook is generally not recommended due to potential compatibility challenges with KVM switches.</li> <li>• Ensure all necessary adapters (e.g., USB-C to HDMI/DP) are high quality and fully compatible.</li> <li>• Update macOS to the latest version.</li> </ul>                                                                                                                                                                                                                                                                                              |

TECHNICAL SPECIFICATIONS

| Feature                        | Specification                                      |
|--------------------------------|----------------------------------------------------|
| Model Number                   | KCDZUS202DH                                        |
| Product Dimensions (L x W x H) | 4.01 x 2.55 x 1.19 inches (10.18 x 6.48 x 3.03 cm) |
| Item Weight                    | 10.58 ounces                                       |
| Supported Resolution           | Up to 4Kx2K@60Hz (3840x2160@60Hz)                  |
| Video Interfaces               | HDMI, DisplayPort                                  |
| USB Ports                      | 4 x USB 2.0 (for keyboard, mouse, peripherals)     |
| Switching Control              | Physical Button, Wired Remote Control              |
| Power Supply                   | 5V DC (via USB connection)                         |
| Operation Mode                 | ON-OFF                                             |
| Connector Type                 | HDMI, USB                                          |

# 4k HD resolution

4K x 2K (3840x 2160@ 60 Hz); 4K x 2K (2560x 1600@ 60 Hz)  
4K x 2K (2048x 1536@ 60 Hz); 2560x1440 @ 144hz / 120hz / 60hz;  
1920x1440 @ 144hz / 120hz / 60hz; 1920x1200 @ 144hz / 120hz / 60hz



Image: A monitor displaying a high-resolution image, demonstrating the 4K HD resolution capability of the KVM switch.

## WARRANTY AND SUPPORT

KCEVE provides a one-year professional warranty for this product. If you have any questions, require technical assistance, or experience any issues with your KCEVE DP HDMI KVM Switch, please do not hesitate to contact our customer support. Refer to your purchase documentation or the KCEVE official website for contact information.

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