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› KCEVE KVM Switch 3 Computers 3 Monitors User Manual

KCEVE 3033DHDZUSKC

KCEVE KVM Switch User Manual

Model: 3033DHDZUSKC

KVM Switch 3 Computers 3 Monitors, HDMI + DisplayPort USB 3.0 KVM Switcher

1. INTRODUCTION AND OVERVIEW

This KCEVE KVM Switch allows you to control up to three computers using a single set of keyboard, mouse, and three monitors. It is designed to streamline your workspace by eliminating the need for multiple peripherals for each computer. This device supports high-resolution video output and high-speed USB 3.0 data transfer, making it suitable for various applications including office work, multimedia teaching, and gaming.

The KVM switch supports triple monitor setups for each connected computer, provided that each computer's graphics card supports multiple displays. It offers flexible display modes including extended, mirrored, and splicing wall display.



Image: The KCEVE KVM Switch unit, showing its compact design, front and rear ports, and the included power adapter, USB cables, and wired remote control.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

Package List



1x DC12V
Power
Adapter
(1.5m/4.92ft)



1x Wired
controller
(1.52m/4.98ft)



3x USB
cables
(1.5m/4.92ft)

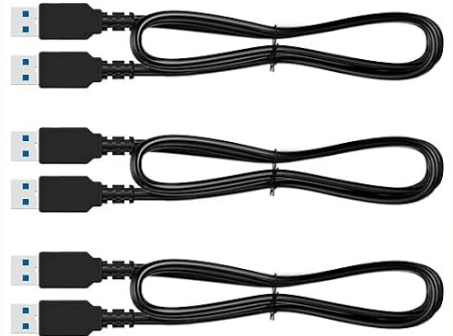


Image: A diagram illustrating the contents of the package, including the KVM switch, power adapter, USB cables, and wired controller, along with their respective lengths.

- Triple Monitor USB 3.0 HDMI+DP KVM Switch x1
- DC12V Power Adapter (1.5m/4.92ft) x1
- USB 3.0 Cables (1.5m/4.92ft) x3
- Wired Remote Controller (1.52m/4.98ft) x1

3. PRODUCT FEATURES

- **Triple Monitor Support:** Connects 3 computers to 3 monitors, allowing seamless switching between systems. Each computer requires 1 HDMI and 2 DisplayPort connections to the KVM.
- **Ultra HD Resolution:** Supports resolutions up to 8K@60Hz (7680x4320) and 4K@144Hz (3840x2160). Backward compatible with lower resolutions.
 - DisplayPort 1.4: Supports up to 8K@30Hz, 4K@144Hz, 4K@120Hz.

- HDMI 2.1: Supports up to 8K@60Hz, 4K@120Hz.
- **USB 3.0 Hub:** Features 4 USB 3.0 ports for connecting keyboard, mouse, printer, U disk, and other USB devices. Offers ultra-fast data transfer speeds up to 5Gbps.
- **Multiple Display Modes:** Supports extended, mirrored, and splicing wall display configurations.
- **Broad Compatibility:** Works with various input devices such as PCs, Laptops, Apple TV, PS3/PS4, Xbox. Compatible with Linux, Windows, Chrome OS, and macOS operating systems.
- **Dual Switching Methods:** Switch between connected computers using either the physical buttons on the KVM unit or the included wired remote control.
- **Plug and Play:** No drivers required for installation.

Ultra HD 8K@60Hz



Displayport Part: DP1.4 supports up to 8K@30Hz, 4K@144Hz, 4K@120Hz, and is backward compatible with lower resolutions and refresh rates.

HDMI Part: HDMI2.1 supports up to 8K@60Hz, 4K@120Hz, and is backward compatible with lower resolutions and refresh rates.

Image: Illustrates the KVM switch's capability to support Ultra HD 8K@60Hz resolution, highlighting the DisplayPort and HDMI specifications.

3 PC Share 4 USB3.0 Devices

Enjoy more efficient way of working



The image shows a black KCEVE 3x3 Triple DP/HD USB3.0 KVM Switch. It has four USB 3.0 ports on top, each with a blue light indicator. Below the switch, there are three PC ports (PC 1, PC 2, PC 3) and a shared port for a keyboard, mouse, and printer. A keyboard, mouse, and printer are connected to the shared port. The switch is connected to three PCs via DP/HD cables. The background is a white desk with a yellow surface in the foreground.

USB3.0 has faster transfer rate

USB 3.0		5Gbps
USB 2.0		480Mbps

Image: Shows the KVM switch connected to three PCs, sharing a keyboard, mouse, and printer via its four USB 3.0 ports, emphasizing the faster data transfer rate compared to USB 2.0.



No driver required, plug and play
Compatible with multiple operating systems

Image: Displays the KVM switch with icons representing compatibility with Linux, Windows, Chrome OS, and macOS, indicating its plug-and-play functionality without requiring drivers.

4. SETUP INSTRUCTIONS

Follow these steps to properly set up your KCEVE KVM Switch. Ensure all devices are powered off before making connections.

SUPPORT: PC1 output to monitor A,B or C, PC2 output to monitor A,B or C, PC3 output to monitor A,B or C.
NOT SUPPORT CROSS OUTPUT: PC1 output to monitor A, PC2 output to monitor B, PC3 output to monitor C.

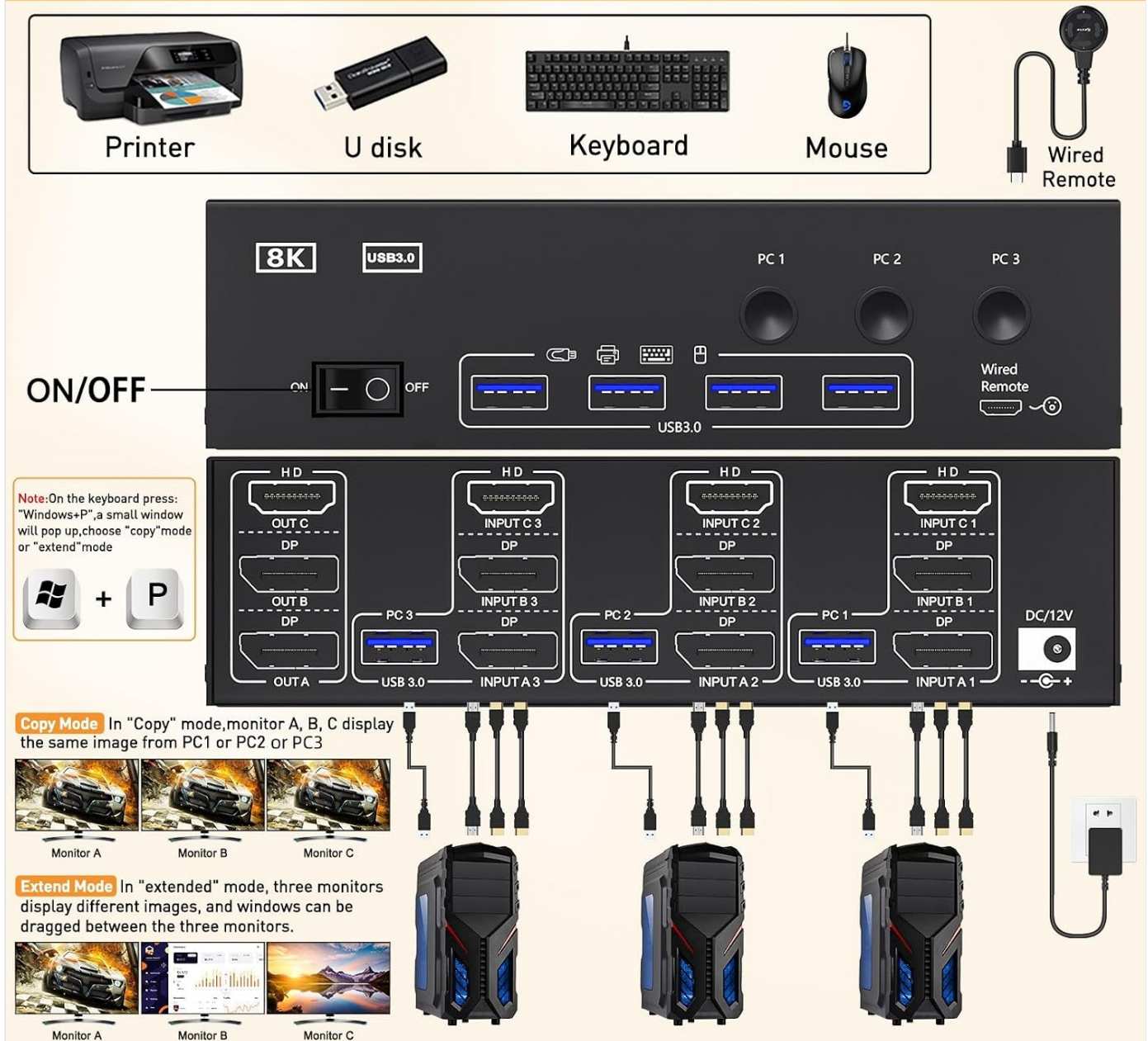


Image: A detailed diagram showing the front and back panels of the KVM switch, illustrating how to connect computers, monitors, USB devices, and the power adapter.

1. **Power Off Devices:** Ensure all computers and monitors are powered off before beginning the connection process.

2. Connect Computers to KVM Inputs:

For each computer (PC 1, PC 2, PC 3), connect the following cables to the corresponding INPUT ports (e.g., INPUT A1, INPUT B1, INPUT C1, USB 3.0 for PC 1) on the KVM switch:

- One HDMI cable
- Two DisplayPort (DP) cables
- One USB 3.0 cable (from your computer's USB port to the KVM's USB 3.0 input port for that PC)

Note: To achieve 3-monitor functionality, each computer must have a graphics card capable of supporting three independent displays.

3. Connect Monitors to KVM Outputs:

Connect your three monitors to the KVM switch's OUTPUT ports (OUT A, OUT B, OUT C):

- One HDMI cable to OUT A (HDMI)
 - Two DisplayPort (DP) cables to OUT B (DP) and OUT C (DP)
4. **Connect USB Devices:** Connect your keyboard, mouse, and any other USB 3.0/2.0/1.1 devices (e.g., printer, U disk) to the four USB 3.0 ports on the front panel of the KVM switch. For high-power USB devices, ensure stable operation by connecting an additional power adapter if needed (not included for USB devices).
 5. **Connect Wired Remote Control:** Plug the wired remote control into the dedicated port on the front panel of the KVM switch.
 6. **Connect Power Adapter:** Connect the included 12V DC power adapter to the DC/12V port on the rear of the KVM switch, then plug it into a power outlet. This provides sufficient power for the KVM switch and connected USB devices.
 7. **Power On Devices:** Power on the KVM switch, then your monitors, and finally your computers.

Important Note on Cables:

The final resolution and stability are highly dependent on the quality of your cables. Please use high-quality HDMI and DisplayPort cables. Using shorter 8K HDMI and DP cables can significantly improve the stability of the KVM switch, especially for high resolutions.

5. OPERATING INSTRUCTIONS

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

Physical button switch



Two Switching Ways

Wired remote switch



Image: Demonstrates the two methods of switching between computers: pressing the physical buttons on the KVM unit and using the wired remote control.

• Physical Button Switching:

Press the "PC 1", "PC 2", or "PC 3" button on the front panel of the KVM switch to select the desired computer. An LED indicator above each button will illuminate (blue for PC1, green for PC2, red for PC3) to show which computer is currently active.



Image: Close-up of the KVM switch's front panel showing the LED indicators for PC1 (blue), PC2 (green), and PC3 (red).

• Wired Remote Control Switching:

Use the included wired remote control to switch between computers. Press the corresponding button (1, 2, or 3) on the

remote to select the desired PC.

6. DISPLAY MODES

The KVM switch supports various display modes, which are configured through your computer's operating system settings. The most common modes are Extended and Copy (Mirrored).

Extend Mode



The 'Extend Mode' image shows three curved monitors on a white desk. The left monitor displays a racing car, the middle monitor displays a dashboard with charts and data, and the right monitor displays a landscape with mountains and a lake. A KVM switch is visible in front of the middle monitor.

Copy Mode



The 'Copy Mode' image shows three curved monitors on a white desk, all displaying the same racing car image. A KVM switch is visible in front of the middle monitor.

Q

How to choose the display mode?

After connecting correctly, press "Window+P" on the keyboard at the same time, and select the display mode from the pop-up small window.

A

Image: Visual representation of "Extend Mode" where three monitors display different content, and "Copy Mode" where all three monitors display the same content.

- **Extended Mode:** In this mode, your three monitors act as one continuous desktop, allowing you to drag windows across screens and expand your workspace. This is ideal for multitasking and productivity.
- **Copy (Mirrored) Mode:** In this mode, all three monitors display the exact same content. This is useful for presentations or when you need to duplicate your display across multiple screens.
- **Splicing Wall Display:** This advanced mode allows for combining multiple displays into a single large virtual display, often used for video walls or specialized applications.

How to choose the display mode:

After connecting correctly, press **"Windows + P"** on your keyboard simultaneously. A small window will pop up, allowing you to choose your desired display mode (e.g., Duplicate, Extend, Second screen only).

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display on monitors after switching.	Loose or incorrect cable connections. Insufficient power to the KVM switch. Computer's graphics card not supporting multiple displays or required resolution. Incorrect display settings on the computer.	Check all HDMI, DisplayPort, and USB cables for secure connections. Ensure the 12V DC power adapter is correctly connected and powered. Verify your computer's graphics card supports triple monitor output and the desired resolution. On your computer, press "Windows + P" and select the appropriate display mode (e.g., Extend). Try restarting the KVM switch and then the computers.
Keyboard or mouse not working.	USB cable from computer to KVM is loose or disconnected. USB device not recognized. High-power USB device drawing too much power.	Ensure the USB 3.0 cables from each computer to the KVM are securely connected. Try connecting the keyboard/mouse to a different USB 3.0 port on the KVM. If using high-power USB devices, try connecting them directly to the computer or using a powered USB hub. Reboot the KVM switch.
Screen flickering or unstable display.	Poor quality or excessively long HDMI/DisplayPort cables. Resolution/refresh rate settings are too high for cables or monitors.	Replace cables with certified high-quality, shorter HDMI and DisplayPort cables. Lower the resolution or refresh rate in your computer's display settings.
KVM crashes or causes computer issues.	Power instability. Software/driver conflict (though KVM is plug-and-play, OS issues can occur).	Ensure the KVM is powered by its dedicated 12V DC adapter. Ensure all cables are securely connected. Try updating graphics drivers on your computers. Perform a full power cycle: disconnect all cables from KVM, wait 30 seconds, reconnect, then power on.

8. SPECIFICATIONS

Model Number	3033DHDZUSKC
Brand	KCEVE
Input Ports	3 x HDMI, 6 x DisplayPort, 3 x USB 3.0 (Type-B)
Output Ports	1 x HDMI, 2 x DisplayPort, 4 x USB 3.0 (Type-A)

Video Resolution	Up to 8K@60Hz, 4K@144Hz (DisplayPort), 4K@120Hz (HDMI)
USB Data Transfer Rate	Up to 5Gbps (USB 3.0)
Switching Methods	Physical Button, Wired Remote Control
Operating Voltage	DC 12V
Dimensions (L x W x H)	Approx. 6.37 x 2.59 x 1.73 inches (16.2 x 6.6 x 4.4 cm)
Weight	Approx. 1.83 Pounds (0.83 kg)
Operating Systems Supported	Linux, Windows, Chrome OS, macOS
Country of Origin	China

Package List

Triple Monitor USB 3.0 HDMI+DP KVM Switch x1



1x DC12V
Power
Adapter
(1.5m/4.92ft)

1x Wired
controller
(1.52m/4.98ft)

3x USB
cables
(1.5m/4.92ft)

Image: A diagram showing the physical dimensions of the KVM switch and a list of included accessories.

9. MAINTENANCE

- To ensure the longevity and optimal performance of your KCEVE KVM Switch, please follow these maintenance guidelines:
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the KVM switch. Do not use liquid cleaners, aerosols, or abrasive materials, as they may damage the device.
 - **Ventilation:** Ensure the KVM switch is placed in a well-ventilated area. Do not block any ventilation openings.
 - **Environment:** Keep the device away from excessive heat, humidity, dust, and direct sunlight.
 - **Cable Management:** Organize cables neatly to prevent strain on ports and accidental disconnections. Avoid bending cables sharply.
 - **Power Cycle:** If you experience minor issues, a simple power cycle (unplugging the power adapter for a few seconds and then plugging it back in) can often resolve them.

10. WARRANTY AND SUPPORT

KCEVE products are designed for reliability and performance. For specific warranty information, please refer to the warranty card included with your product or visit the official KCEVE website. If you encounter any issues or have questions regarding the setup, operation, or troubleshooting of your KVM switch, please contact KCEVE customer support through the vendor's contact information provided at the point of purchase or on their official website. Please have your model number (3033DHDZUSKC) and purchase details ready when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question