

KCEVE KCMSTH14DZUS

KCEVE USB to 4 HDMI Adapter Instruction Manual

Model: KCMSTH14DZUS

1. INTRODUCTION

The KCEVE USB to 4 HDMI Adapter (Model KCMSTH14DZUS) is designed to expand your display capabilities, allowing you to connect up to four external HDMI monitors to a single USB port on your computer. This adapter supports both mirror and extend display modes, enhancing productivity for various tasks. It also features a unique one-key black screen function for privacy and convenience.

2. KEY FEATURES

- **Multi-Monitor Support:** Connects up to four HDMI displays simultaneously.
- **Display Modes:** Supports both Mirror (AABCD) and Extend (ABCDE) modes for flexible screen management.
- **One-Key Black Screen:** Instantly black out connected displays for privacy or focus with a single button press.
- **High Resolution:** Supports resolutions up to 1080p@60Hz on all four monitors.
- **Broad Compatibility:** Compatible with Windows (11, 10, 7, 8.1), M1/M2 Mac OS (10.10 or higher), and Android 7.1 and above.
- **USB-A & USB-C Input:** Features a versatile input cable with both USB-A and USB-C connectors.

3. SETUP AND INSTALLATION

3.1 Physical Connection

1. Connect the integrated USB cable from the KCEVE adapter to an available USB-A or USB-C port on your computer.
2. Connect up to four HDMI cables from your monitors to the HDMI output ports (Monitor 1, Monitor 2, Monitor 3, Monitor 4) on the KCEVE adapter.

- If display stability issues occur, connect an external 5V DC power adapter (not included) to the DC/5V port on the adapter.



Figure 1: Physical connection of the KCEVE USB to 4x HD Adapter to a laptop and four monitors.



Figure 2: Optional DC 5V power connection for enhanced stability.

3.2 Driver Installation

Driver installation is mandatory for the KCEVE USB to 4 HDMI Adapter to function correctly. Follow these steps:

1. Connect the HDMI adapter to your computer.
2. Navigate to "My Computer" or "This PC". The adapter will appear as a USB flash drive (e.g., "C:D:").
3. Double-click the adapter's drive icon. The operating system will automatically initiate the driver installation.
4. Once the installation is complete, restart your computer.

Note: Please temporarily disable any anti-virus software before installing the driver to prevent conflicts.



Note: Driver installation required, check with your administrator if it is allowed. Just connect the HDMI adapter to the computer, then go to "my computer", the adapter appear as a USB flash, just like "C:D:", double click it, the OS will manually install the driver and then restart the computer can be used. (Note: Please close the anti-virus software before installing the driver.)

Figure 3: Driver installation instructions and adapter dimensions.

4. OPERATING MODES

4.1 Mirror Mode (AABCD)

In Mirror Mode, one of the four external screens can be selected to mirror the content of your laptop's main screen (A), while the other connected screens (B, C, D) can extend the display. This is useful for presentations or sharing content on a larger screen while maintaining an extended workspace.

4.2 Extend Mode (ABCDE)

In Extend Mode, you can create a total of five different displays (including your laptop's screen). Each of the four external monitors (B, C, D, E) will function as an independent extended display, allowing you to spread applications across multiple screens for maximum workspace and productivity.

USB to HDMI Adapter 5 Different Display

Mirror Mode (AABCD)

(One of the 4 screens can be selected to mirrored mode with the main screen, other screens are extended)



Mac

Extended Mode (ABCDE)



CPU of MAC OS must be 11 generation or later

(Does not support MAC OS CPU below 11, and does not support Chrome OS / Linux)

Mirror Mode (AABCD)

(One of the 4 screens can be selected to mirrored mode with the main screen, other screens are extended)



Windows

Extended Mode (ABCDE)



Figure 4: Visual representation of Mirror and Extend display modes.

USB to HDMI Adapter 5 Different Display

Noted:

- 1, CPU of MAC OS must be 11 generation or later (Does not support MAC OS CPU below 11, and does not support Chrome OS / Linux)
- 2, Driver installation required, please refer to the user manual on how to install USB driver.
- 3, Does not support Chrome OS / Linux.

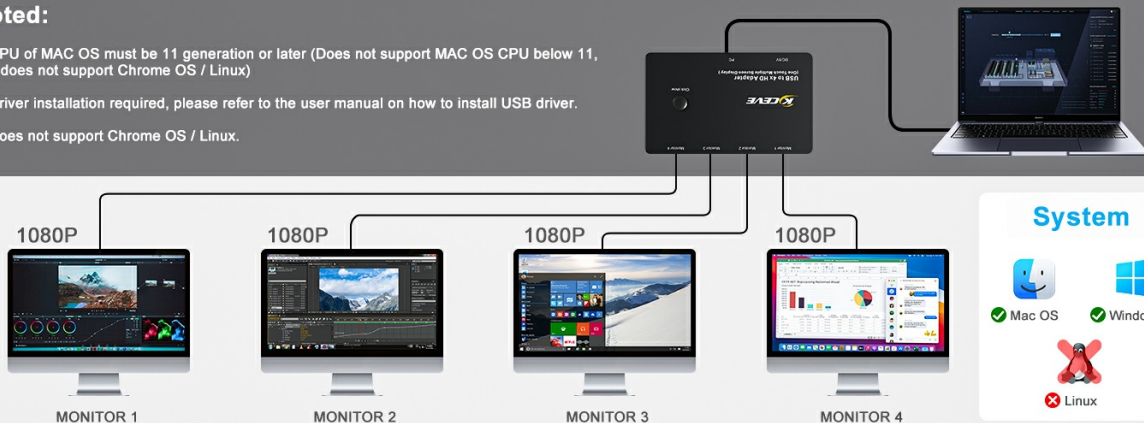


Figure 5: Example of an extended multi-monitor setup for improved work efficiency.

4.3 One-Key Black Screen Function

The adapter includes a dedicated button labeled "Click show" (or similar) that allows you to instantly black out all connected external displays. This feature is useful for maintaining privacy, taking a quick break, or focusing

solely on your primary screen without disconnecting cables.

Super Black Technology

One-click to black screen to protect your privacy

CPU of MAC OS must be 11 generation or later
(Does not support MAC OS CPU below 11, and does not support Chrome OS / Linux)



Figure 6: Activating the one-key black screen function.

5. COMPATIBILITY

The KCEVE USB to 4 HDMI Adapter offers broad compatibility with various operating systems and devices:

- **Windows:** Supports Windows 11, 10, 7, and 8.1.
- **Mac OS:** Compatible with Mac OS 10.10 or higher, including M1/M2 MacBooks.
- **Android:** Supports Android 7.1 and above.
- **Devices:** Works with MacBook Air 2020/2022, MacBook Pro, Dell, HP, ASUS, and other laptops with USB-A or USB-C ports.

Important Notes:

- For Windows, ensure your computer's CPU is 11th generation or newer. Older CPUs are not supported.
- For Mac OS, authorized screen recording may be required before restarting to use the adapter.
- **Unsupported Operating Systems:** ChromeOS, Linux, and Unix are NOT supported.
- This adapter cannot play HDCP-protected content on streaming services like Netflix or Hulu.

Stable Compatibility

INPUT



Device with USB-A or USB-C ports and more ...

OUTPUT



TV Monitor Projector and more ...

System



Figure 7: Overview of supported and unsupported operating systems.

Windows System

Mirror Mode (AABCD)

(One of the 4 screens can be selected to mirrored mode with the main screen, other screens are extended)



Extended Mode (ABCDE)



Figure 8: Multi-monitor setup with Windows OS.

Mac System

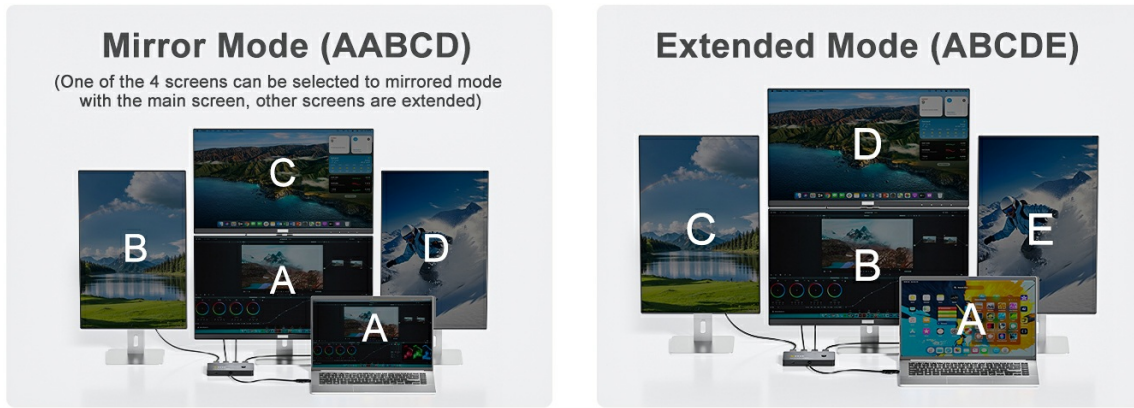


Figure 9: Multi-monitor setup with Mac OS.

6. SPECIFICATIONS

Feature	Specification
Model Number	KCMSTH14DZUS
Input Port	USB (Type-A or Type-C)
Output Ports	4 x HDMI (Monitor 1, 2, 3, 4)
Max Resolution	1920x1080@60Hz (1080p@60Hz)
Power Input	DC 5V (optional, for stability)
Color	Black
Item Weight	4.6 ounces (0.13 Kilograms)
Package Dimensions	5.71 x 4.88 x 1.06 inches

Support 1080p@60Hz on 4 monitors



Figure 10: Demonstrating 1080p@60Hz output on multiple monitors.

7. TROUBLESHOOTING

• No Display/Flickering:

- Ensure the driver is correctly installed and your computer has been restarted.
- Verify all HDMI cables are securely connected to both the adapter and the monitors.
- Connect an external 5V DC power adapter to the KCEVE adapter for stable power delivery.
- Check your computer's display settings to ensure monitors are detected and configured for Mirror or Extend mode.

• Driver Installation Issues:

- Temporarily disable anti-virus software during driver installation.
- Ensure you are running a supported operating system (Windows 11/10/7/8.1, Mac OS 10.10+, Android 7.1+).
- For Windows, confirm your CPU is 11th generation or newer.

• Mac OS Specific Issues:

- If displays are not working after driver installation, check System Preferences > Security & Privacy > Privacy > Screen Recording and ensure the DisplayLink Manager (or similar driver component) is authorized. Restart your Mac after making changes.
- **Content Playback Restrictions:**
 - The adapter does not support HDCP-protected content. This means you cannot stream content from platforms like Netflix or Hulu to external monitors via this adapter.
- **Overheating:**
 - Ensure the adapter is placed in a well-ventilated area.
 - If using for extended periods with multiple displays, connecting the optional 5V DC power supply can help manage heat and stabilize performance.

8. WARRANTY AND SUPPORT

KCEVE provides friendly technical support for its products. If you encounter any questions or issues with your USB to 4 HDMI Adapter, please do not hesitate to contact KCEVE customer support. They aim to reply and solve your problem within 24 hours.

For information regarding product warranty or to initiate a support request, please refer to the contact details provided with your product packaging or visit the official KCEVE website.