2-Port 4K HDMI KVM Switch with PBP Roaming Mouse & PIP

User Manual

04-1383B

P/N: CE-KV0G11-S1

Features

- Supports Video Scaler & PIP/PBP Video Mixer Up to 4K@30Hz (4:4:4)

  The Display Must Support Top-Bottom or Left-Right PBP function.

- Unique Full-Frame PBP doesn't sacrifice any display area for PBP

- Image stays unstretched in PBP Modes

- Zero-Latency Swap between PIP & Full-Screen Mode

- User Can Adjust PIP Images' Size / Location / Transparency

- 8 sets of user's presets for fast configuration

- HDCP 1.4 Compliant

- 4K Scaler Function Ensure Pixel-to-Pixel Matching for Most Displays

- 3 Ways Control Methods for Easy Selection :

  Front Panel Push Buttons

  Hotkey Control

  Roaming Mouse Switch

- Keyboard & Mouse Plug-n-Play, No Software & Drivers Required

- Support Windows / Linux

- Support 3.5mm Audio & HDMI Audio

Package Contents

- 2-Port 4K HDMI KVM Switch with PBP Roaming Mouse & PIP
- Power Adapter 12V/1.5A
- User manual

Layout

Front Panel

1. USB HID console port
   (for keyboard & mouse use only)

2. USB 3.0 port at console for USB peripherals
   5Gbps, 5V/900mA,

3. Link: Green, connected PC is power on
   Select: Red, connected PC is selected

4. Switch Button: Press to select PC

Rear Panel

1. Power Jack: DC 12V/1.5A
   (support DC 9V -12V, 1.5A)

2. USB HID console ports
   (for keyboard & mouse use only)

3. HDMI output: resolution up to 4K@30Hz

4. Speaker/Earphone port at console
   connect to Speaker/Earphone

5. PC-x input ports:
   HDMI input for PC-x
   USB 3.0 Type-B port for PC-x
   Speaker/Earphone port for PC-x

6. USB 3.0 port at console for peripherals
   5Gbps, 5V/900mA

Hotkey Control

Hotkey Leading Codes (HK_LCode)

A Hotkey command is a short keyboard sequence for selecting a computer, activating computer scan, etc. KVM Switch interprets keystrokes for hotkeys all the time. A hotkey sequence starts with HK_LCode followed by one or two more keystrokes. A built-in buzzer generates a high-pitch beep for correct hotkey command; otherwise, one low-pitch beep generates for error and the bad key sequence will not be forwarded to the selected computer.

HK_LCode can be

"L-Ctrl"+"L-Ctrl"
or
"Scroll Lock" + "Scroll Lock"

Must be use below keys on keyboard to input Hot-key, especially number keys and "L-Ctrl". Left and right are different command for the hot-key.
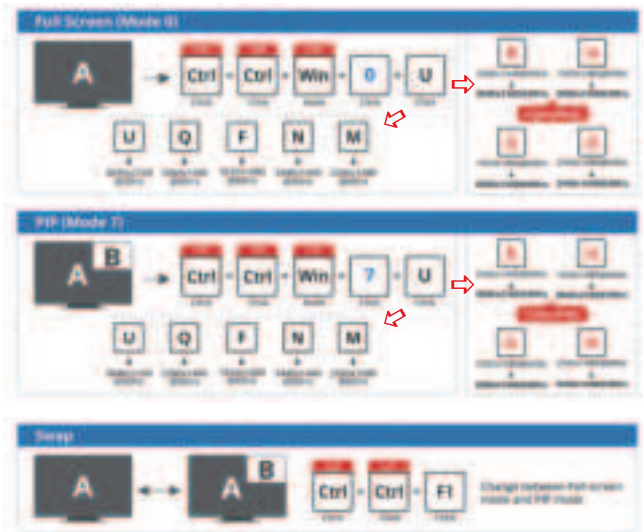
PBP Modes (Mode 1 & 2)

*Change last letter can use different resolution output

- The KVM sends Proper EDID to both source.
- The **Display Must Support** Top-Bottom or Left-Right **PBP function**.

Full Screen & PIP Modes (Mode 0 & 7)

- User can copy EDID from display.
- Roaming Mouse Disabled in mode 0 & 7
- Change last letter can use different resolution output
- Switch between modes or resolutions might take 10-12 seconds or more depend on display's response time.

- letter R,H,G,O are special up-scaled outputs as follows

R: Input=2560x1440@60Hz & Up-scaled to 3840x2160@30Hz output

H: Input=1920x1080@60Hz & Up-scaled to 3840x2160@30Hz output

G: Input=1920x1080@60Hz & Up-scaled to 2560x1440@60Hz output

O: Input=2560x10800@60Hz & Up-scaled to 3440x1440@30Hz output

This Video Up-Scaling Function Is Specially Useful for Source Compatibility or KVM Extender Compatibility. For Example :

1. Source Is Capable of Only 1080p Output

2. Source Is Placed 150M away & Requires Long-Reach Function of HDBaseT Extension (1080p) In Such Cases, The Scaled Output Can Improve Image Clarity on Modern Hi-Resolution Displays.

** Switching between screen layout modes might require image fine-tuning
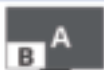
(User can save fine-tunned setting to user's presets)

PIP Location Control

Top-Right Ctrl + Ctrl + Win + F1
Bottom-Left Ctrl + Ctrl + Win + F3
Top-Left Ctrl + Ctrl + Win + F2
Bottom-Right Ctrl + Ctrl + Win + F4

Main Screen Size Control

[Enlarge] Ctrl + Ctrl + Win + PgUp
[Shrink] Ctrl + Ctrl + Win + PgDn

PIP Size Control

[Enlarge] Ctrl + Ctrl + Win + ↑
[Shrink] Ctrl + Ctrl + Win + ↓

PIP Transparency Control

[Increase] Ctrl + Ctrl + Win + →
[Decrease] Ctrl + Ctrl + Win + ←
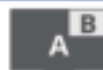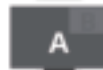
Other control

[Find Mouse Cursor]
Ctrl + Ctrl + Caps Lock — Move the mouse cursor to the center of the desktop.

[Swap the Video Position]
A | B → B | A
Ctrl + Ctrl + Tab

[Swap Control]
Ctrl + Ctrl + 9

[Previous/Next Switch Control]
Ctrl + Ctrl + Shift + ↑ + ↓

Mouse Roaming

[Turn Off]
Ctrl + Ctrl + Alt + Q + 0

[Turn On]
Ctrl + Ctrl + Alt + Q + 9

[Lower DPI] Increase mouse moving speed
Ctrl + Ctrl + Alt + ↑

[Higher DPI] Decrease mouse moving speed
Ctrl + Ctrl + Alt + ↓

[Mouse Speed Setting]
Ctrl + Ctrl + Alt + $
Beep Once= Low
Twice= Mid
Thrice= High

Higher number= faster speed List= 01~40
Ctrl + Ctrl + Alt + xx
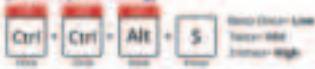
[Enable/Disable Borderless Circulation]
Ctrl + Ctrl + Alt + R

Advanced Operation

3. Image Fine-Tuning

Image Re-Synchronize

If the image engine doesn't work properly, image re-synchronization should be proceed to resume normal operation

Video Compensation Adjustment

In different resolution & layouts, there might be slight difference in compensation requirement which might result in image flicker. Adjust video compensation can greatly improve image quality under such circumstances.

User's Presets

User can restore up to 8 presets.

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APPRECIATE

YOUR PURCHASE

~thank you~

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