SIIG CE-KV0G11-S1 2-Port 4K HDMI KVM Switch with PBP Roaming Mouse and PIP User Manual

CE-KV0G11-S1 2-Port 4K HDMI KVM Switch with PBP Roaming Mouse and PIP
User Manual

Contents

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 users 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 GM Switch with PBP Roaming Mouse & PIP
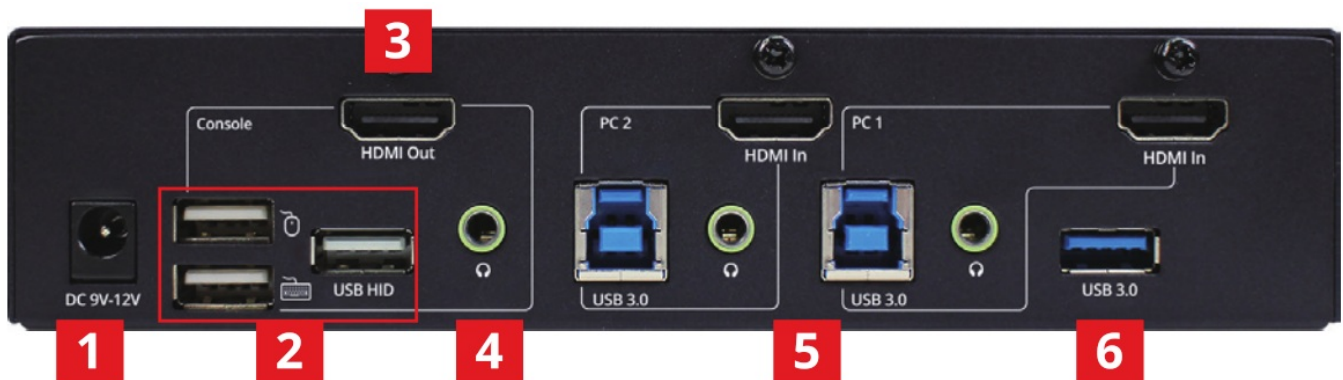- Power Adapter 12V/1.5A
- User manual

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
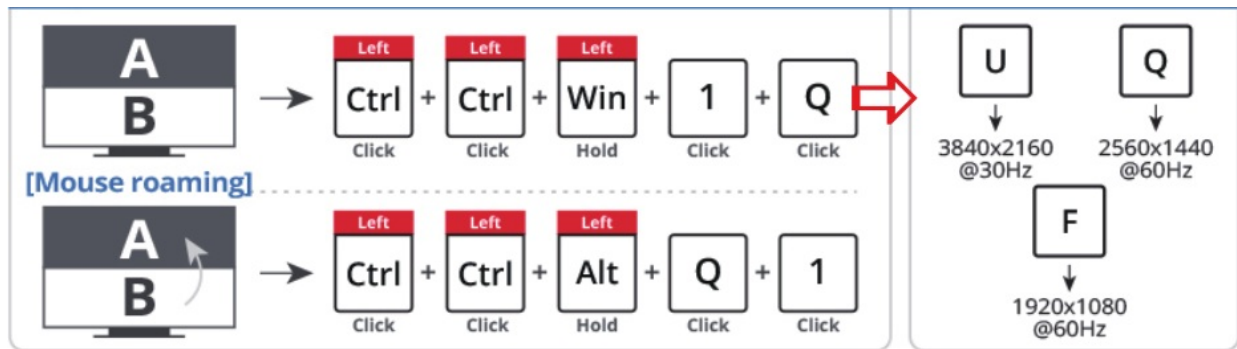
different command for the hot-key.

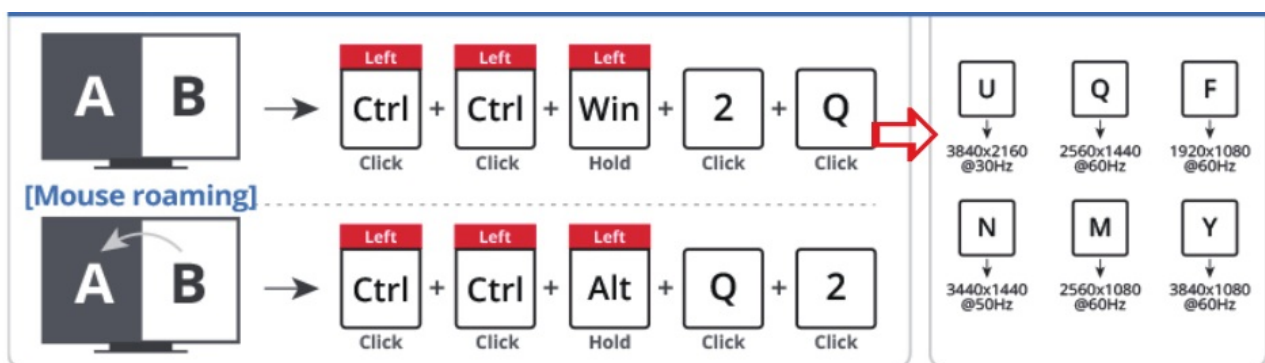**Numbers** · **L-Shift** · **L-Ctrl** · **L-Win** **L-Alt** · **R-Ctrl** · **Del**

PBP Modes (Mode 1& 2)
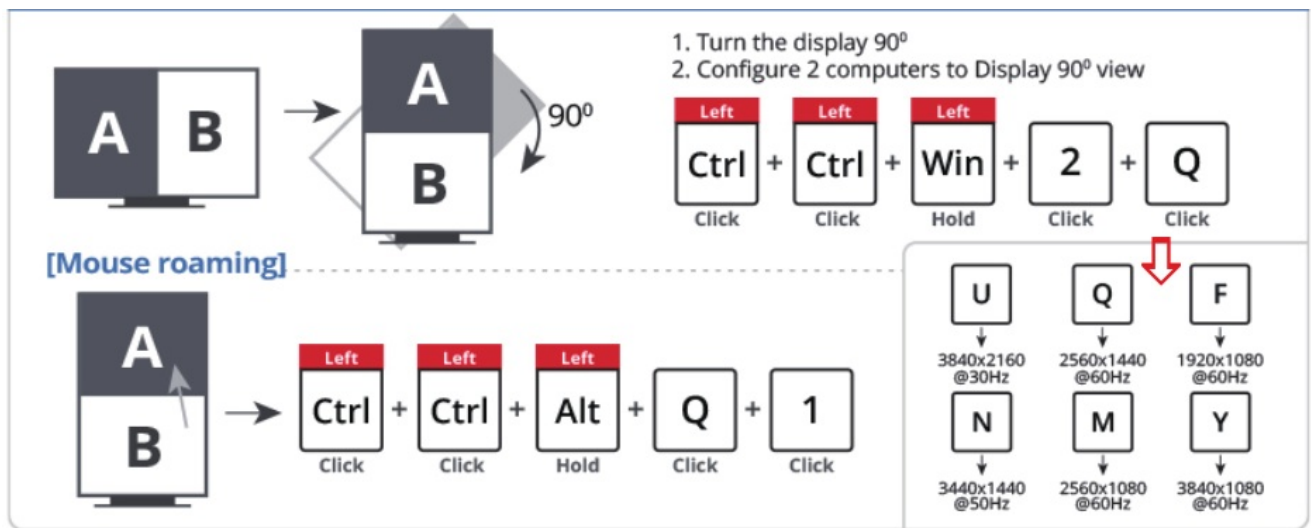
PBP Modes
Top-Bottom PBP (Mode 1)

Left-Right PBP (Mode 2)

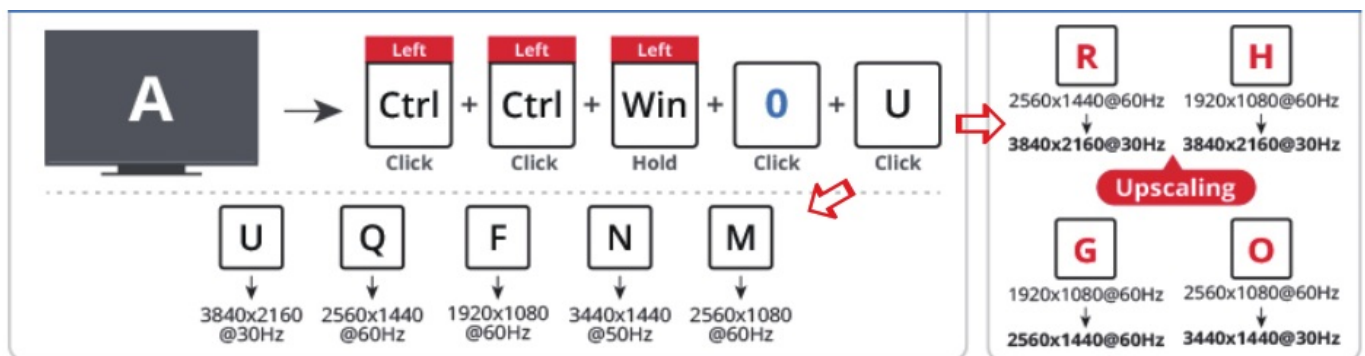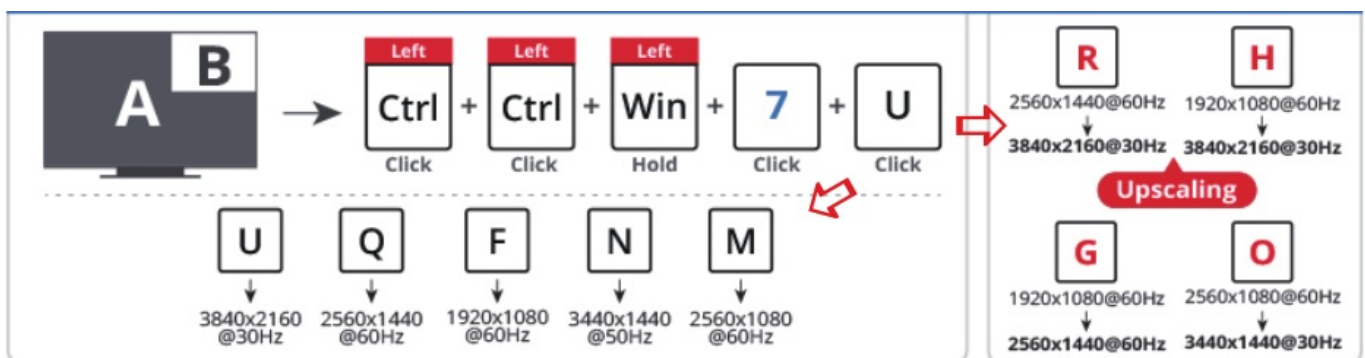***Change last letter can use different resolution output**
Vertical (Mode 2)

- The KVM sends Proper EDID to both source.
- The Display Must Support Top-Bottom or Left-Right PBP function.
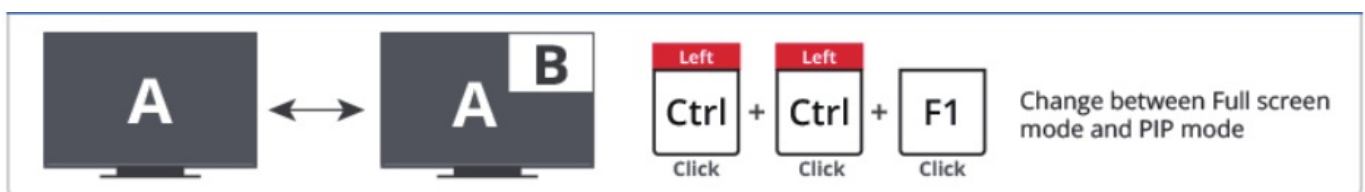
Full Screen & PIP Modes (Mode 0&7)

Full Screen (Mode 0)

PIP (Mode 7)

Swap

- User can copy EDID from display.
- Roaming Mouse Disabled in mode O & 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=2560×1440@60Hz & Up-scaled to 3840×2160@30Hz output

    H: Input=19201080@60Hz & Up-scaled to 3840×2160@30Hz output

    G: Input=1920×1080@60Hz & Up-scaled to 2560×1440@60Hz output

    O: Input=2560×10800@60Hz & Up-scaled to 3440×1440@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 1 S0M 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
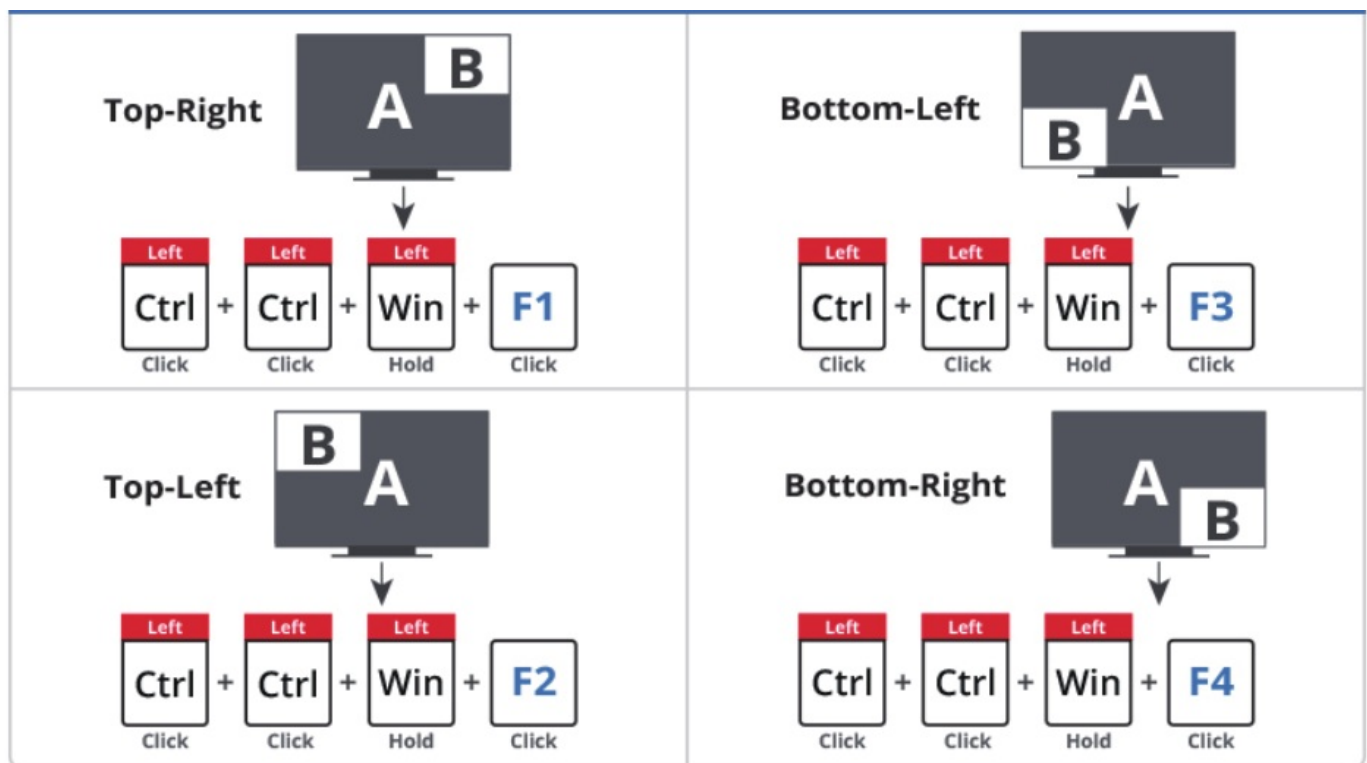
Main Screen Size Control

[Enlarge]

Left Ctrl (Click) + Left Ctrl (Click) + Left Win (Hold) + PgUp (Click)

[Shrink]

Left Ctrl (Click) + Left Ctrl (Click) + Left Win (Hold) + PgDn (Click)

PIP Size Control

[Enlarge]

Left Ctrl (Click) + Left Ctrl (Click) + Left Win (Hold) + ↑ (Click)

[Shrink]

Left Ctrl (Click) + Left Ctrl (Click) + Left Win (Hold) + ↓ (Click)
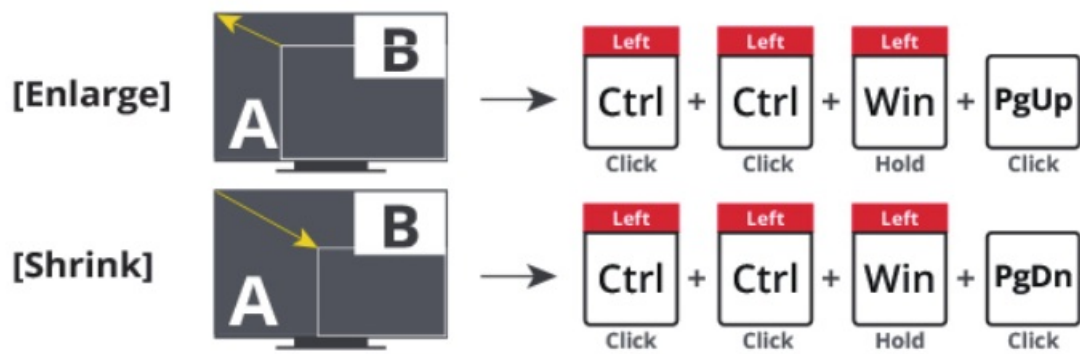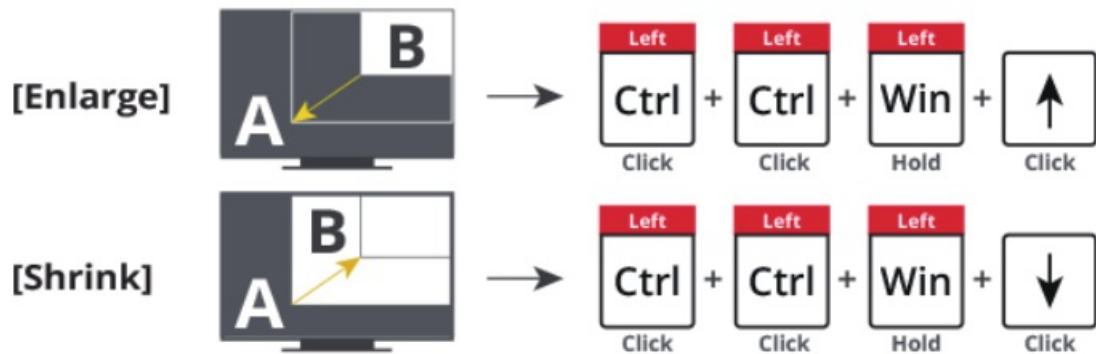
PIP Transparency Control

[Increase]

Left Ctrl (Click) + Left Ctrl (Click) + Left Win (Hold) + → (Click)

[Decrease]

Left Ctrl (Click) + Left Ctrl (Click) + Left Win (Hold) + ← (Click)
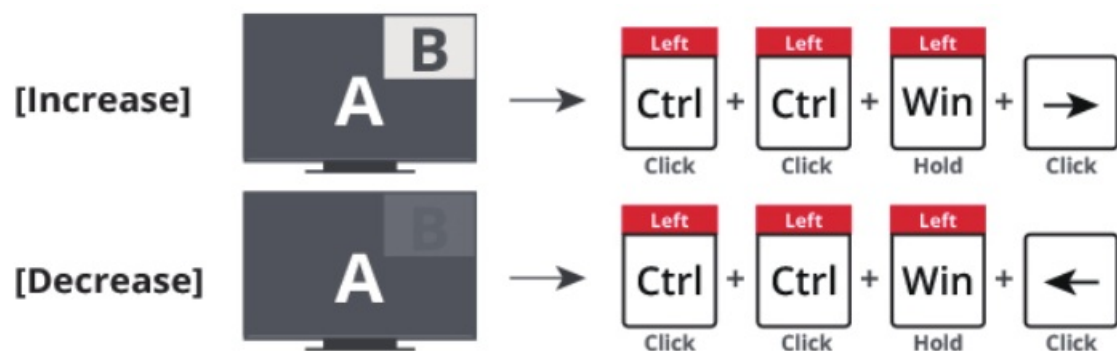
Other control

Basic Hotkey Control

[Port Selection]

A or B

Left	Left			
Ctrl	Ctrl	1	or	2
Click	Click	Press		Press

[Audio Switch]

Left	Left	
Ctrl	Ctrl	F5
Click	Click	Press

A B → A B A

Left	Left	
Ctrl	Ctrl	A
Click	Click	Press

Force audio to follow current audio port

[USB 3.2 Gen 1]

On → Off

USB-A 3.2 Gen 1

Left	Left	
Ctrl	Ctrl	F7
Click	Click	Press

A B → A B A

Left	Left	
Ctrl	Ctrl	U
Click	Click	Press

Force USB 3.2 Gen 1 to follow current port

[Change "L-Ctrl" to "R-Ctrl"]

Left	Left		Right	Right		Left	Left	Left	Right	Left
Ctrl	Ctrl		Ctrl	Ctrl		Ctrl	Ctrl	Alt	Ctrl	Alt
Click	Click		Click	Click		Click	Click	Hold	Press	Release

[Change "R-Ctrl" to "L-Ctrl"]

Right	Right		Left	Left		Right	Right	Left	Left	Left
Ctrl	Ctrl		Ctrl	Ctrl		Ctrl	Ctrl	Alt	Ctrl	Alt
Click	Click		Click	Click		Click	Click	Hold	Press	Release

[Return to Default Setting]

Default →

Left	Left	Left			
Ctrl	Ctrl	Alt	F	A	C
Click	Click	Hold	Press	Press	Press

[Find Mouse Cursor]
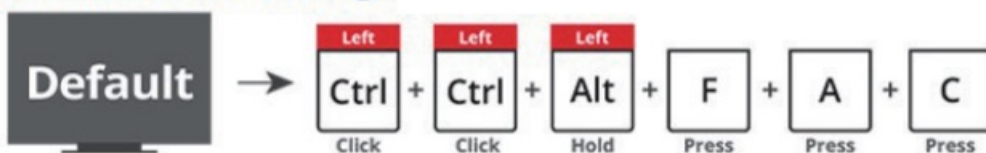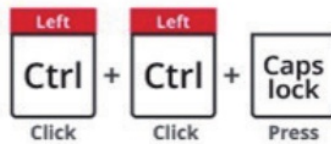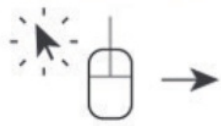
Left Ctrl (Click) + **Left** Ctrl (Click) + Caps lock (Press)   Move the mouse cursor to the center of the desktop

[Swap the Video Position]

A | B → B | A

Left Ctrl (Click) + **Left** Ctrl (Click) + Tab (Press)

[Swap Control]

B / A → B / A

Left Ctrl (Click) + **Left** Ctrl (Click) + 9 (Press)
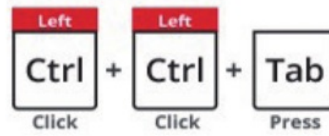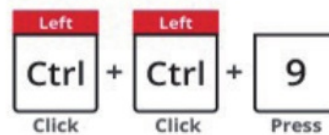
[Previous/Next Switch Control]

B / A → A / B

Left Ctrl (Click) + **Left** Ctrl (Click) + **Left** Shift (Hold) + ↑ (Press) or ↓ (Press)

Mouse Roaming

[Turn Off]

Left Ctrl (Click) + **Left** Ctrl (Click) + **Left** Alt (Hold) + Q (Press) + 0 (Press)

[Turn On]

Left Ctrl (Click) + **Left** Ctrl (Click) + **Left** Alt (Hold) + Q (Press) + 9 (Press)

[Lower DPI] Increase mouse moving speed

Left Ctrl (Click) + **Left** Ctrl (Click) + **Left** Alt (Hold) + ↑ (Press)

[Higher DPI] Decrease mouse moving speed

Left Ctrl (Click) + **Left** Ctrl (Click) + **Left** Alt (Hold) + ↓ (Press)

[Mouse Speed Setting]

Left Ctrl (Click) + **Left** Ctrl (Click) + **Left** Alt (Hold) + S (Press)

Beep Once= **Low**
Twice= **Mid**
3 times= **High**

Higher number= Slower speed   (xx= 01~48)

Left Ctrl (Click) + **Left** Ctrl (Click) + **Left** Alt (Hold) + xx (Press)
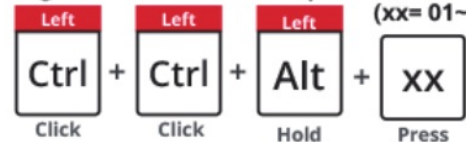
[Enable/Disable Borderless Circulation]

Left Ctrl (Click) + **Left** Ctrl (Click) + **Left** Alt (Hold) + R (Press)
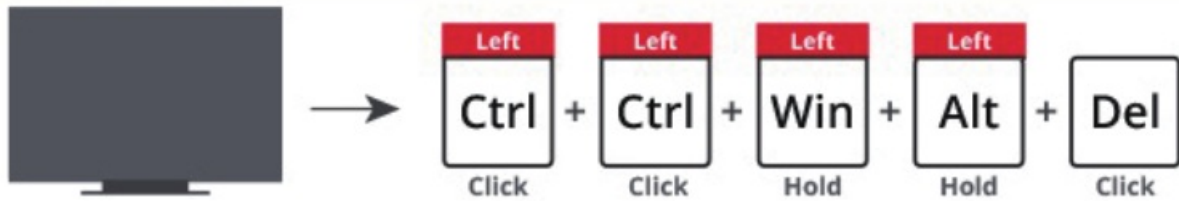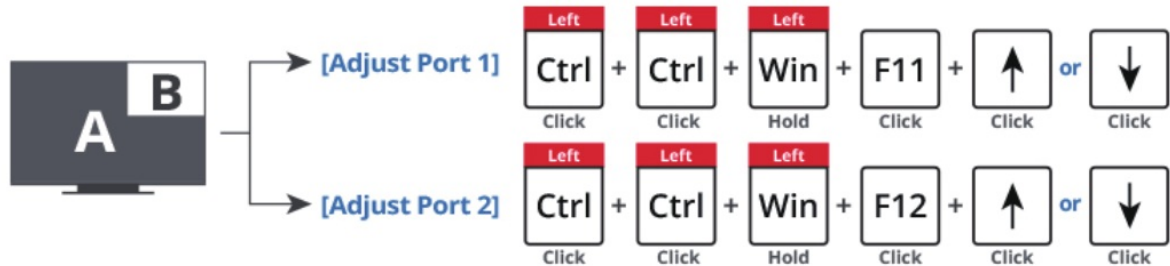
Advanced Operation

3. Image Fine-Tuning

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

Video Compensation Adjustment

[Adjust Port 1]

[Adjust Port 2]

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

[Save Current Setting 1~8]

[Load User's Preset 1~8]
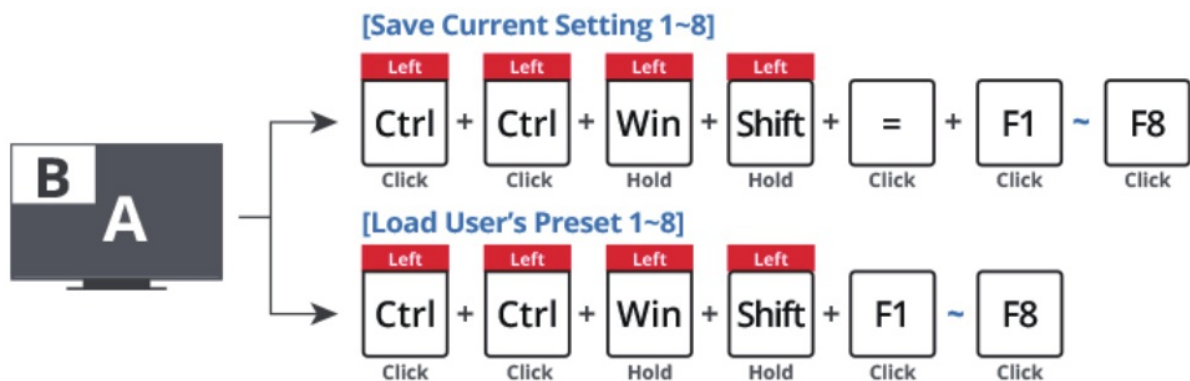
User can restore up to 8 presets.

Dear Valued Customer
WE REALLY APPRECIATE YOUR PURCHASE
~thank you
Support
For more info or tech support
http://www.siig.com/support
Sep, 2022 Copyright 0 2022 by SIIG, Inc. All rights reserved.
04-1383B
P/N: CE-KV0G11-S1

Documents / Resources

SIIG® **2-Port 4K HDMI KVM Switch with PBP Roaming Mouse & PIP** User Manual 04-1383B P/N: CE-KV0G11-S1	**[SIIG CE-KV0G11-S1 2-Port 4K HDMI KVM Switch with PBP Roaming Mouse and PIP](#)** [pdf] User Manual CE-KV0G11-S1 2-Port 4K HDMI KVM Switch with PBP Roaming Mouse and PIP, CE-KV0G11-S1, 2-Port 4K HDMI KVM Switch with PBP Roaming Mouse and PIP, 2-Port 4K HDMI KVM Switch, 4K HDMI KVM Switch, HDMI KVM Switch, KVM Switch, Switch