

KMX-4KH42-U30R Quick Start & Hotkey Guide v1.0

Initial Configuration

- a) Before using the unit, users must configure the video mode, monitor resolution, and preferred mouse roaming setting. Begin by setting the required video mode and resolution output, then configured the mouse roaming setting using the appropriate hotkey commands.

Default Video Mode & Resolution : H-MbM, 16:9, 1920x1080 60Hz

Default Mouse Roaming Setting : Mouse Roaming Disabled, KM Oriented Switching

- Set Video Mode & Resolution : **"L-Ctrl" + "L-Ctrl" + "L-WIN"(Hold) + "Mode Variable" + Release "L-WIN"**
- Enable Mouse Roaming : **"L-Ctrl" + "L-Ctrl" + "L-Alt"(Hold) + "Mouse Roaming Variable"**

Video Mode

Video Mode	V-PbP*	H-PbP*
		
	V-MbM	H-MbM
		

Video Mode Variable and Resolution

Mode Variable	Video Mode	Aspect Ratio	Native Resolution of Monitor
1U	V-PbP	16:9	3840 x 2160 (Dual 3840 x 1080)
1Q			2560 x 1440 (Dual 2560 x 720)
1F			1920 x 1080 (Dual 1920 x 540)
EQ		16:18	2560 x 2880 (Dual 2560 x 1440)
2U	H-PbP	16:9	3840 x 2160 (Dual 1920 x 2160)
2Q			2560 x 1440 (Dual 1280 x 1440)
2F			1920 x 1080 (Dual 960 x 1080)
2T			5120 x 2160 (Dual 2560 x 2160)
2P		21:9	3840 x 1600 (Dual 1920 x 1600)
2N			3440 x 1440 (Dual 1720 x 1440)
2M			2560 x 1080 (Dual 1280 x 1080)
WU			7680 x 2160 (Dual 3840 x 2160)
WQ		32:9	5120 x 1440 (Dual 2560 x 1440)
WF			3840 x 1080 (Dual 1920 x 1080)
EU			3840 x 2160
EQ			2560 x 1440
EF	V-MbM	16:9	1920 x 1080
EP			3840 x 1600
EN			3440 x 1440
EM		21:9	2560 x 1080
EZ		Monitor	Follow Monitor of Output 1**
WU	H-MbM	16:9	3840 x 2160
WQ			2560 x 1440
WF			1920 x 1080 (Default)
WP		21:9	3840 x 1600
WN			3440 x 1440
WM			2560 x 1080
WZ		Monitor	Follow Monitor of Output 1**

Mouse Roaming Mode

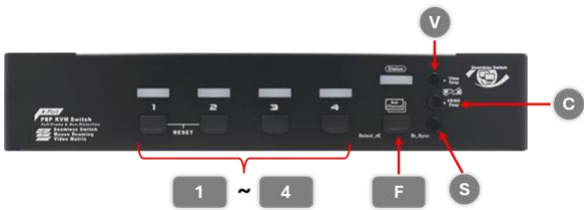


MS Roaming Variable	Function
Q1	Enable V-Roaming
Q2	Enable H-Roaming
Q0	Disable Roaming (Default) [Allow access to Extended Desktop]
Q9	Enable Roaming [Follows Previous setting]
R	Enable / Disable Borderless Circulation

* PBP Function must be enabled on the monitor

** Both monitors should have same specifications

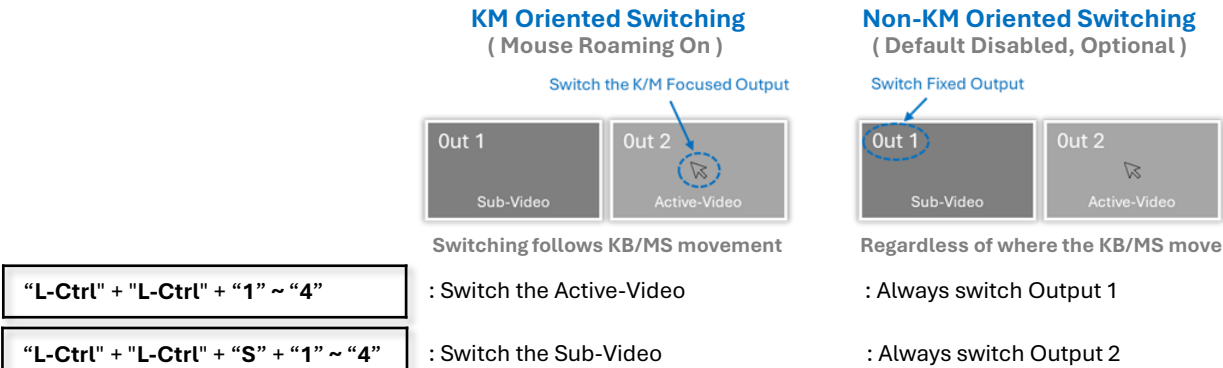
Keyboard Key Press and Front Panel Button Reference



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Initial Configuration

- b) You can configure port switching behavior using hotkeys in one of two modes:
- i. In **KM Oriented Switching** (Follow Mode), port switching follows the keyboard and mouse (KB/MS) movement, allowing seamless control as the active KB/MS moves between systems.
 - ii. In **Non-KM Oriented Switching** (Fixed Mode), port switching is independent of KB/MS movement and the hotkeys control specific monitor outputs.



- To toggle the Switching Method (i.e. between KM Oriented or Non-KM Oriented Switching):

"L-Ctrl" + "L-Ctrl" + "S" + "Home"

Note: Changing the switching method also changes how the Push Button selects the Active-Video and Sub-Video computers.

Push Button Operations

F : Function Button **S** : Sync Button **C** : Console Swap Button **V** : Video Swap Button

- Select the computer for the Active-Video :

1 ~ 4
- Select the computer for the Sub-Video or Exit Sync Mode :

F (Hold) + 1 ~ 4
- Enable Sync Mode i.e., both consoles display same PC :

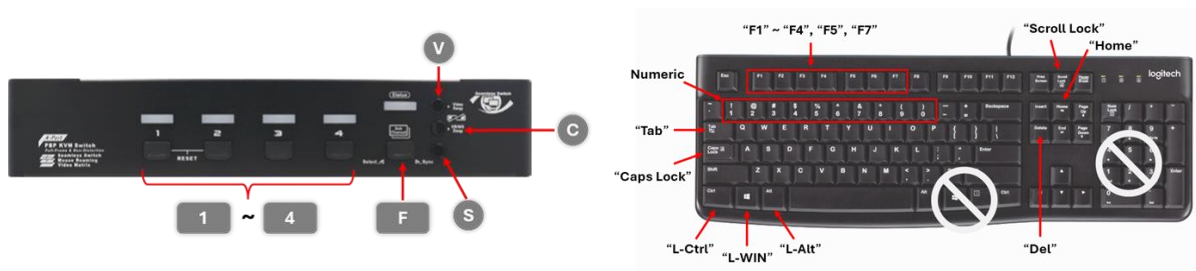
F (Hold) + S
- Swap KM Control between Active-Video and Sub-Video :

C
- Swap Video between Active-Video and Sub-Video :

V

The PC LEDs (1 – 4) indicate video selection status: Red signifies an Active-Video PC selection, while Blue indicates a Sub-Video PC selection. When exiting Sync Mode, OUT 1 becomes Active-Video, and OUT 2 becomes Sub-Video.

Keyboard Key Press and Front Panel Button Reference

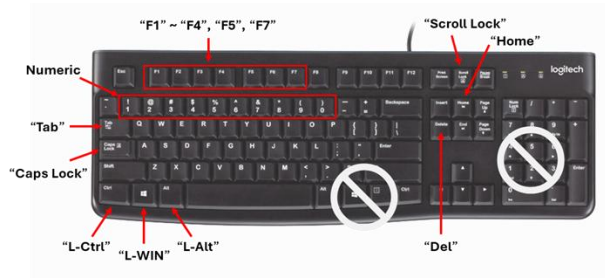


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Hotkey Operations

Note: Hotkey Leading Codes can be:

- 1) **"L-Ctrl" + "L-Ctrl"**
- 2) **"Scroll Lock" + "Scroll Lock"**



SYSTEM

- Enable or Disable Buzzer Sound (Default is ON) : **"L-Ctrl" + "L-Ctrl" + "L-Alt"(Hold) + "G"**
- Move Mouse Cursor to OUT 1 Screen Center : **"L-Ctrl" + "L-Ctrl" + "Cap Lock"**
- Restore factory settings : **"L-Ctrl" + "L-Ctrl" + "L-Alt"(Hold) + "F" + "A" + "C"**

PORT (PC) SWITCHING

- Select the computer for the Active-Video : **"L-Ctrl" + "L-Ctrl" + "1" ~ "4"**
- Select the Previous Selection for the Active-Video : **"L-Ctrl" + "L-Ctrl" + "0"**
- Select the computer for the Sub-Video : **"L-Ctrl" + "L-Ctrl" + "S" + "1" ~ "4"**
- Or (in KM Oriented Switching) : **"L-Ctrl" + "L-Ctrl" + "F1" ~ "F4"**
- Enable / Disable Hotkey sequence using F1 ~ F4 : **"L-Ctrl" + "L-Ctrl" + "L-Alt"(Hold) + "F1"**
- Select the Previous Selection for the Sub-Video : **"L-Ctrl" + "L-Ctrl" + "S" + "0"**

VIDEO AND KM CONTROL SWITCHING

- Swap Video between Active-Video & Sub-Video : **"L-Ctrl" + "L-Ctrl" + "TAB" (or "S" + "A")**
- Swap Control between Active-Video & Sub-Video : **"L-Ctrl" + "L-Ctrl" + "9" (or "S" + "C")**
- Swap Control and Video b/w Active & Sub-Video : **"L-Ctrl" + "L-Ctrl" + "S" + "V"**
- Enable Sync Mode : **"L-Ctrl" + "L-Ctrl" + "S" + "B"**

In Sync Mode, the Sub-Video follows Active-Video Selection. To exit Sync Mode, select a different PC source for the Sub-Video. Once Sync Mode is exited, OUT 1 will display the Active-Video, and OUT 2 will display the Sub-Video independently.

AUDIO AND USB 3.2 FOLLOW CONTROL

- Audio Follows Active-Video/MS Roam ON or OFF : **"L-Ctrl" + "L-Ctrl" + "F5"**

The default setting is ON (2 beeps), and audio follows active-video/mouse roaming. User can turn it OFF (1 beep) to control audio output. Use the hotkey below to assign audio to Audio Out/Video Output 1.

- Assign Audio to Audio Out/Video Output 1 : **"L-Ctrl" + "L-Ctrl" + "A"**
- USB 3.2 Follows Active-Video/MS Roam ON or OFF : **"L-Ctrl" + "L-Ctrl" + "F7"**

The default setting is ON (indicated by 2 beeps). User may turn it OFF (1 beep) to manually assign the USB 3.2 connection to a specific port (PC), preventing unwanted switching, using the hotkey below.

- Assign USB 3.2 to specific port (PC) : **"L-Ctrl" + "L-Ctrl" + "U"**