UNICLASS TECHNOLOGY CO.,LTD.

Quick Installation Guide

2-Port HDMI USB KVM Switch w/ Hub

AI-CP02A

Thank you for purchasing the **AI-CP02A HDMI USB KVM Switch**! With our highly reliable and quality product, user can enjoy countless benefits from using it.

INTRODUCTION

The AI-CP02A is a 2-port compact desktop HDMI USB KVM switch with HDMI audio. It features our latest True Transparent USB (TTU) Emulation Technology. The TTU Technology ensure ultimate compatibility to all types of advanced keyboards and mice, giving users a best experience in seamless KVM switching, either in gaming or any other critical computer operation. It supports HDMI audio feature to allow a lively audio experience from your multimedia application.

This KVM switch adopts the HDMI technology for digital video signal transmission over the cable to reduce undesired distortion from conventional analog/digital conversion. HDMI video supports up to 1080p / Full HD resolution.

Multi-platform support for PC and Mac is available. For users who might need to use a hotkey preceding sequence other than two scroll locks, we also offer five key alternatives for free configuration.

The AI-CP02A features the Active Sync Replication™ (A.S.R.) technology that offers a full-time DDC emulation for best video compatibility with new type of operating system that requires more critical DDC communication, such as Windows 7 and Mac OS X.

INSTALLATION

1. First, connect the shared USB keyboard, USB mouse, and monitor to corresponding ports on Console section of your KVM front panel. Note that the left two USB ports on the front panel are for USB keyboard and mouse. (See below image). At this step, the KVM is powered off.

2. Power on the shared monitor.
3. Plug in the KVM switch.
4. Connect each computer to KVM Computer ports, using the HDMI cable and USB cable. After you have connected10the KVM and computers properly, you can operate the KVM switch immediately.

   Note 1: Some older computers with USB interface might need to manually enable the USB option in the BIOS settings before you can use any USB devices. If your USB interface does not work, please check the USB option in the BIOS.

   Note 2: If you use Windows 95/98/SE or Mac OS and has not yet installed a USB mouse on your computer, there might be an error message telling you that mouse is not detected and prompting you to decide whether to ignore the same message in the future, and yet you will find there is no mouse movement to disable this message. So it is suggested that you should installed your USB mouse on your computer first, before connecting it to this KVM Switch.
5. Connect each of your USB devices to the USB 2.0 device ports (2 x USB ports on back panel and 2 x USB ports on the front panel. See image in next section).

SHARING HIGH-SPEED USB DEVICE

There are two USB ports for USB device sharing on front panel. (See below image).

OPERATION

There are three methods to control your KVM switch for PC/ hub port/ audio&mic port selection: the front-panel push button, hotkey sequences, and the optional IR remote control.

Front-Panel Button (The LED on front panel is the button)

The front-panel button allows you a direct control over KVM switching operation. Simply press the button to switch to the other PC port (together switch with the hub port, if binding is enabled). When PC1 is selected, the button LED is green. When PC2 is selected, the LED is blue. Note that PC port switching and audio switching are bound together as the audio interfaces are built into the HDMI interface.

Keyboard Hotkeys

For keyboard hotkeys, please refer to the "***Quick Reference Sheet***".

IR Remote Control (Optional)

Button 1~2: Press the desired button on the IR remote control to switch to the desired PC and HDMI audio ports (together switch with the hub port, if binding is enabled).
UP/PREV: Press this button to select next up port.
DOWN/NEXT: Press this button to select next down port.
AUTOSCAN: Press this button to start autoscan through every connected port for quick screen browsing of each port.
Note: To stop autoscan, press any key on remote controller.

SET: Press this button once to increase 10 sec of autoscan delay time (Max. to 60 sec). Then press AUTOSCAN to start autoscan with new delay time.

Note: the autoscan delay time will always go back to default value, every time autoscan is stopped.

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Quick Reference Sheet

2-Port HDMI USB KVM Switch w/ Hub -- Operation Commands for Hotkeys/ Front-Panel Button Hotkey sequence = [ScrLk]* + [ScrLk]* + *Command key(s)* * User-definable Preceding sequence = SCROLL LOCK, CAPS, ESC, F12 or NUM LOCK			
Command	**Hotkeys**[1]	**Front-Panel Button**	**Description**
Select PC Port [2] (Jointly select PC port/ hub port control, if binding is enabled)	ScrLk + ScrLk + (x) (x is a top-row number key) x = *1~2* for PC port no.	Press the button to toggle PC port	Select the active PC port (Jointly select PC port/ hub port control , if binding is enabled)
Select Hub Port Control [2] (Jointly select PC/ Hub port control, if binding is enabled)	ScrLk + ScrLk + (Fx) *Fx = F1~F2* (Fx is a function key) *x = 1~2* for PC port no.	(Press the button to toggle the PC+USB hub port control --works only if PC port/ hub port control binding enabled)	Select the PC port that control all USB hub ports (Jointly select PC & Hub port control, if PC /hub port control binding is enabled)
Bind PC & Hub Port Control Switching [2] [Default]	ScrLk + ScrLk + Z	--	Enable the binding of PC port and hub port control switching. (Once this feature is enabled, any pc and/or hub port control switching is bound together) ***(factory default)***
Unbind PC & Hub Port Control Switching [2]	ScrLk + ScrLk + X	--	Disable the binding of PC port and hub port control switching
Previous PC port [2] (Jointly select PC/ hub port control, if binding is enabled)	ScrLk + ScrLk + ↑ *(arrow up)*	--	Select the previous connected PC port (Jointly select PC/hub port control, if binding is enabled)
Next PC port [2] (Jointly select PC/ hub port control, if binding is enabled)	ScrLk + ScrLk + ↓ (*arrow down*)	--	Select the next connected PC port (Jointly select PC/hub port control, if binding is enabled)
Previous PC port	ScrLk + ScrLk + ← *(Backspace)*	--	Toggle between the two PC port
Define Hotkey Preceding Sequence	ScrLk + ScrLk + H + (y) y = *SCROLL LOCK, CAPS, ESC, F12 or NUM LOCK*	--	Select the hotkey preceding sequence among 5 alternative keys
Autoscan[3]	ScrLk + ScrLk + S	--	Autoscan through every connected port for quick screen browsing of each port (default scan delay time = 10 sec.).
Autoscan with Programmable Delay Time[3]	ScrLk + ScrLk + S + (z) *z* = 0~9 1 → 10" ; 2 → 20" ; 3 → 30" ; 4 → 40" ; 5 → 50" 6 → 60"	--	Autoscan with a user-defined delay time within a range of 10 ~ 60 seconds
Stop Autoscan	Press any key on keyboard	Press the front panel button	Terminate Autoscan activity

Notes:

1. The USB keyboard hotkeys allows you a faster and broader control for your KVM switching operation in addition to the front-panel button. If you have configured a hotkey preceding sequence other than two consecutive scroll locks, here you should change your hotkey sequence accordingly. (For preceding sequence key configuration, please refer to "Define Hotkey Preceding Sequence" in above table.)
2. When the binding of PC & USB hub port control switching is enabled by the hotkey sequence: ScrLk + ScrLk + Z, any PC and hub port control switching are bound together. To remove this binding, use the hotkey sequence: ScrLk + ScrLk + X.
3. When the binding of PC and audio&mic switching is enabled by the hotkey sequence: ScrLk + ScrLk + Q, any PC and audio&mic switching are bound together. To remove this binding, use the hotkey sequence: ScrLk + ScrLk + W.

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