



Quick Installation Guide



**2/4-Port VGA USB KVM Switch
w/ Audio & USB 3.0 Hubs**

AH832A/ AH834A

Thank you for purchasing the AH832A/ AH834A, 2/4-Port VGA USB KVM Switch! With our highly reliable and quality product, users can enjoy countless benefits from using it.

INTRODUCTION

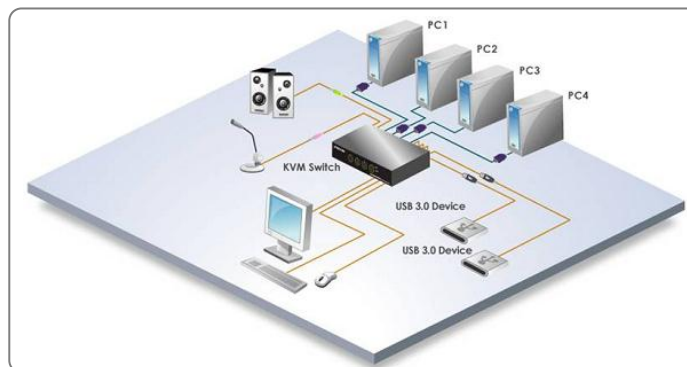
The AH832A/ AH834A VGA USB KVM Switch allows user to access, control, boot and reboot two/four VGA and USB 3.0 enabled computers using only one set of keyboard, mouse, and monitor display. It features the latest Smart Touch button for quick switch and two USB 3.0 device ports for fast data transfer between KVM and USB devices. Comparing to previous USB 2.0, USB 3.0 is 10 times faster in transfer rate, which can satisfy modern data transfer with rich media and large digital files. With VGA video interface, AH832A/ AH834A can support high resolution up to 2048 x 1536 (analog).

Besides, it supports TTU (True Transparent USB) Emulation Technology and Active Sync Replication (A.S.R.) technology. The former is capable of a complete versatility in dealing with

the functional requirements of all types of advanced keyboards and mice. The later can ensure ultimate video compatibility requirements on recent operating systems, such as Windows 7 and Mac OS X. A.S.R. enables KVM switch to have all-time DDC emulation so that the video compatibility will be as constant and stable as it should be, no matter how you switch. This all-time DDC emulation can get rid of those problems that are related to the absence of appropriate DDC data on the KVM switch when port switching is taken place.

This KVM series is designed to fulfill high profile users. Applications can range from high profile video game players, multi-platform programmers, to intense design companies.

INSTALLATION



AH-834A Connection Diagram

1. Power off your KVM, monitor, and computers.
2. Connect the shared USB keyboard, USB mouse, VGA monitor, speaker/headphone and microphone to corresponding ports on console section of the KVM switch. Note that the left-top two USB ports are for keyboard and mouse (Please see circle marker in below image).



AH834A – Rear View

3. Power on the monitor.
4. Power up your KVM switch by connecting the external power adapter to it.
5. Connect each KVM PC port to a computer, using two/four VGA cables (male to male), one USB cable (type A to type B) and one audio&mic combo cable (male to male).



6. Power on computers.
7. Connect each of your USB devices to the USB hub ports (Please see AH834A- Rear View: blue bottom two) .You can now begin to use the KVM switch.

OPERATION

There are two methods to control your KVM switch for PC/ hub port/ audio&mic port selection: front-panel Smart Touch button and keyboard hotkeys.

1. Front-Panel Smart Touch Button

The front-panel Smart Touch button allows you a direct control over KVM switching operation. Simply press the button to switch to the respective PC port. For more operation about Smart Touch button, please refer to “Quick Reference Sheet”.

2. Keyboard Hotkeys

For keyboard hotkeys, please refer to the “Quick Reference Sheet”.

FCC / CE STATEMENTS

1. **FCC Statement:** This equipment has been tested and found to comply with the regulations for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with this Quick Installation Guide, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case, the user will be required to correct the interference at his/her own expense.
2. **CE Statement:** This is a Class B product in a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.



RoHS Compliant



Quick Reference Sheet

Command	Hotkeys ¹	Front-Panel Smart Touch Button	Description
Select PC Port (Jointly select PC port/ hub port control/ audio&mic, if binding is enabled)	ScrLk + ScrLk + (1~2/1~4)	Touch the corresponding button to select the active PC port.	Select the PC port
Select Hub Port Control (Jointly select PC and hub port control, if binding is enabled)	ScrLk + ScrLk + [Fn(1~2)/ Fn(1~4)]	Touch the button to toggle the specific PC+USB hub port control. (It works only if PC port/ hub port control binding is enabled.)	Move Hub Port (1~2 / 1~4)
Select Audio&Mic Port (Jointly select PC port and audio&mic, if binding is enabled)	ScrLk + ScrLk + [Fn(5~6)/ Fn(5~8)]	--	Move audio&mic port
Bind PC and Hub Port Control Switching	ScrLk + ScrLk + Z	--	Bind PC Port with Device Hub Port
Unbind PC and Hub Port Control Switching	ScrLk + ScrLk + X	--	Unbind PC Port with Device Hub Port
Bind PC and Audio&Mic Switching	ScrLk + ScrLk + Q	--	Bind PC Port with audio&mic Port
Unbind PC and Audio&Mic Switching	ScrLk + ScrLk + W	--	Unbind PC port with audio&mic Port
Previous PC port (Jointly select PC/ hub port control, if binding is enabled)	ScrLk + ScrLk + Up Arrow	--	Next lower PC Port
Next PC port (Jointly select PC/ hub port control, if binding is enabled)	ScrLk + ScrLk + Down Arrow	--	Next higher PC Port
Previous active PC port	ScrLk + ScrLk + [Backspace]	--	Previous active PC Port
Beeper	ScrLk + ScrLk + B	--	Toggle Beeper On/Off
Define Hotkey Preceding Sequence	ScrLk + ScrLk + H+ [ScrLk/CapsLk/ Esc/F12/ NumLk/left Ctrl/ right Ctrl]	Press and hold down last button (Button 2/ Button 4) till two beeps. Release the button, and press desired hotkey preceding sequence.	Select Hotkey Header [ScrLk/ CapsLk/ Esc/ F12/ NumLk/ left Ctrl/ right Ctrl]
Autoscan	ScrLk + ScrLk + S	--	Start Autoscan
Autoscan with Programmable Delay Time	ScrLk + ScrLk + S + (1~6) 1 → 10" ; 2 → 20" ; 3 → 30" ; 4 → 40" ; 5 → 50" ; 6 → 60"	--	Autoscan duration adjust to (10~60 seconds)
Stop Autoscan	[Any key]	Touch any button	Stop Autoscan during scan mode

Note: 1. Each keystroke within a hotkey sequence should be pressed within 2 seconds. Otherwise, the hotkey sequence will not be validated. ScrLk-> Scroll Lock. CapsLk -> Caps Lock. NumLk -> Num Lock.