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AS-21UA / AS-41UA USB KVM Switch User Manual

NOTE

This equipment has been tested and found to comply with the limits 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 in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the measures listed below.

- ◆ Reorient or relocate the receiving antenna.
- ◆ Increase the separation between the equipment and receiver.
- ◆ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- ◆ Consult the dealer or an experienced radio/television technician for help.



PACKING LIST

The complete AS-21UA/AS-41UA 2 ports/4 ports USB package consists of:

- ◆ AS-21UA/AS-41UA 2 ports/4 ports USB switch
- ◆ USB connection cable 2 or 4
- ◆ User Manual
- ◆ Warranty Card

Check to make sure that all the components are present and that nothing was damaged in shipping. If you encounter a problem, contact your dealer.

Read this manual thoroughly and follow the installation and operation procedure carefully to prevent any damage to the unit, and/or any of the devices that connect to it.

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OVERVIEW

KVM switches can save money and human cost in multiple computer systems. Users need not to purchase a separate keyboard, monitor and mouse for each computer. They allow users to access and control up to 2 (AS-21UA) or 4 (AS-41UA) computers from a single USB keyboard, USB mouse, and monitor console. The setup is easy and there is not software to configure, this lowers the difficulty of usage.

KVM AS-21UA / AS-41UA with audio supports control of 2 (AS-21UA) / 4 (AS-41UA) computers using a set of keyboard, mouse, monitor and speaker. The console connection uses a set of PS2/ USB mouse, keyboard, monitor with general VGA interface and a stereo speaker or earphone. It transfers keyboard and mouse data between KVM and host with USB interface. It helps users to setup multiple computer system with lowest cost and highest compatibility to save space and cost.

FEATURES

Be compatible with USB mouse.

Be compatible with USB keyboard.

Monitor pluggable with resolution up to 1920 x 1080

No need to configure any software. Be compatible with all operating system and platform.

LEDs display port status automatically.

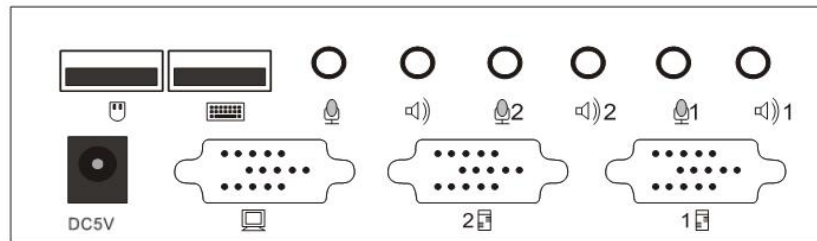
Easy to switch ports with buttons on front panel and hot keys on keyboard.

Power supply by host and be independent of extra power supply.

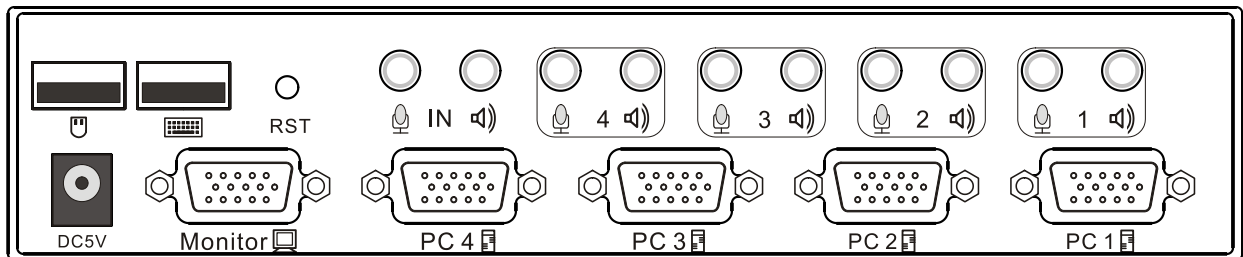
INSTALLATION

All the connectors are on the rear panel. The rear panel is shown as following:

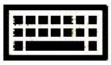
AS-21UA



AS-41UA



: Mouse interface



: Keyboard interface



: Monitor interface



: Speaker interface



: Host signal interface



: Host audio interface



: microphone interface

Before installing, please make sure that all the devices are power off, and then do the following:

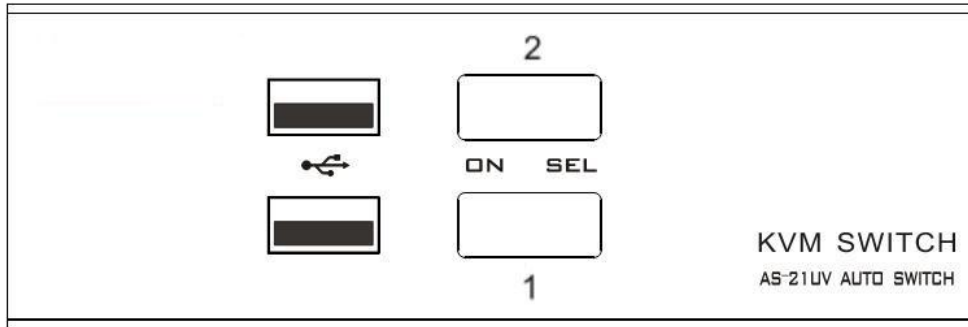
1. Plug the mouse, keyboard, monitor and speaker into their respective port on console section.
2. Plug the signal cable of host and audio connector into their respective port on console panel.
3. Plug the USB connector of the other end of signal cable into USB interface on host, the VGA connector into video card output interface and the audio connector into sound card output interface.
4. Power on any host computer to supply power. You can access and control one computer after you switch to the port attached to it.

OPERATION

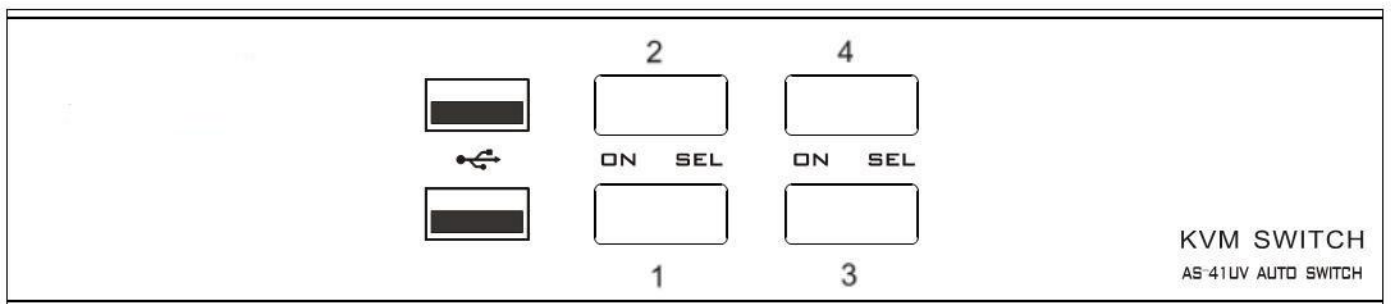
Panel Control

KVM switches and port status indication can be done by front panel. The front panel is shown as following:

AS-21UA



AS-41UA



Buttons on panel are selection buttons. Just press one button and then you can select the corresponding port. Each button has left and right two LEDs indicating on line and selected status. The left indicates the on line status. It lights if the corresponding computer is on line. The lower indicates the selected status. Since there is only one port selected at one time, the only one LED lights to show that the corresponding computer is selected.

Hot Key Control

It also provides several particular switching hot key for convenience.

A: Ctrl + Ctrl + [Enter]: switch to the next adjacent port.

B: Ctrl + Ctrl + N: (N = 1-4) Switch to the specified port.

C: Ctrl + Ctrl + B + [0/1]: Buzzer sound switch control. 1 Buzzer sound on, 2 Buzzer sound off.

D: Ctrl + Ctrl + S: automatic port scanning.

E: Ctrl + Ctrl + I + [N] + [Enter]: Automatic port scan interval control. N = (5-999 seconds). Default 5 seconds.

F: Ctrl + Ctrl + M + [N]: The storage device switches to the specified port. N = (1-4 ports)

SPECIFICATIONS

Type		AS-21UA	AS-41UA
Computer connections		2	4
CPU port selection		Front panel switches/Hot key	
Console connector	Keyboard	2 x USB female	4 x USB female
	Mouse		
	Video	1 x HDB-15 female	
CPU connection	Keyboard	2 x HDB-15 Female	4 x HDB-15 Female
	Mouse		
	Video		
	Audio	3.5mm Audio socket(pink/green color)	3.5mm Audio socket (pink color)
LEDs	On line	2	4
	Selected	2	4
Best video resolution		1280*1024 (1920*1080 (Max))	
Power		DC5V, 400mW	
Operating temperature		0°C~50°C	
Storage temperature		-20°C~60°C	
Housing		Metal	
Weight		0.57 Kg	0.82Kg
Dimensions(L x W x H)		132 x 92 x 43 mm	202 x 110 x 43 mm

SAFETY GUIDE

- ◆ Please follow the directions below when installing, using and maintaining it in order to guarantee the device to work well.
- ◆ When installing and operating the device, please make sure proper power supply first, and then do other operations after it is initialized.
- ◆ As signal and power transfer need custom cable, please use matched cable, unmatched cable may cause system work improperly or even damage the device.
- ◆ Keep airy during operation to prevent high temperature.
- ◆ Keep the device away from working long in wet environment to prevent short circuit.
- ◆ Please do not open the device without permission of professionals.