2-Port/ 4-Port DisplayPort USB KVM Switch
w/ Audio, Mic and Hub
AP-202A/ AP-204A

True Transparent USB Emulation Technology for Advanced Keyboards and Mice

AP-202A Front View

AP-204A Front View

AP-202A Rear View

AP-204A Rear View

AP-202A/ AP-204A is a 2/ 4-port DisplayPort USB KVM switch with audio and microphone switching function. It features the latest True Transparent USB (TTU) Emulation Technology for advanced types of keyboards and mice. Another technology this device implements is Active Sync Replication (A.S.R.) which fully supports advanced DDC video signaling requirement of the latest operating systems, such as Windows 7 and Mac OS X. AP-202A/ AP-204A can help you control, boot and reboot 2/ 4 computers using only one set of keyboard, mouse, monitor display and a set of microphone and speakers/ headphones.

DisplayPort for high performance interface and digital display connectivity

Produced by the Video Electronics Standards Association (VESA) and invented as a digital display standard, DisplayPort is a future-ready solution for high performance interface. Supporting multi-monitor displays is one of its capabilities. The effective bandwidth can be flexibly applied to meet video-audio display needs. With designed-in 3D stereo transmission, DisplayPort supports the high resolutions and refresh rates for gaming monitors. It is also an ideal display interface for professional applications such as GIS, CAD/CAM, real time simulation, etc.

True Transparent USB (TTU) Emulation Technology supports all advanced keyboard and mouse features

With the TTU Emulation Technology, which embodies itself within a new ASIC chip, AP-202A/ AP-204A is capable of a complete versatility in dealing with the complete functional requirements of all types of advanced keyboards and mice. No matter users are using gaming mice or gaming keypads for high performance in exciting gaming sessions, or they are using same advanced keyboards and mice in other high-profile computer maneuvering actions, they will appreciate what the TTU technology can do for them – a smooth and faithful emulation that not only duplicate all the functionalities of that keyboard and mouse, but also stabilize the switching actions with a impressive switching speed.

Active Sync Replication (A.S.R.) Technology for maximum video compatibility

To ensure ultimate video compatibility requirements on recent operating systems, such as Windows 7and Mac OS X, this KVM switch features advanced A.S.R. technology which supports 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.

2-port USB 2.0 device hub ports and USB hotkeys

Since USB devices have gained tremendous popularity, it is a great advantage that you can share your USB devices. AP-202A/AP-204A provides 2 x USB 2.0 device ports on its backpanel to share high-speed USB devices between connected computers.

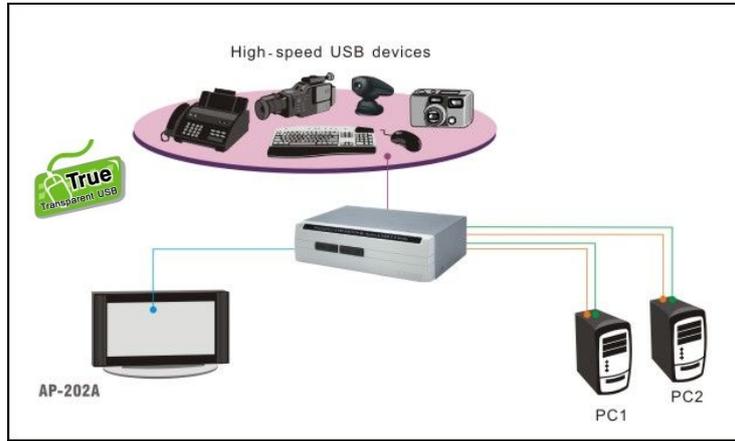## Audio and microphone switching offers uninterrupted multimedia experience with KVM switching

The audio and microphone switching function allows you to leverage the multimedia systems on each of your multiple computers. You can monitor the audio/ mic input/ output of each of your computers without plugging on and off the audio/ mic cables. And it allows independent switching of PCs/ hub/ audio & mic ports.

Firmware upgrade via USB port

AP-202A/ AP-204A switch allows a user to upgrade firmware contents whenever is needed to enhance the compatibility to other devices or its functions and performance. With the firmware upgrade feature, your investment on the KVM switch is further ensured and its life-time value is just maximized!

Features

- 2/ 4-port DisplayPort USB KVM switch with audio and microphone switching and 2 x USB 2.0 hub ports
- True Transparent USB (TTU) Emulation Technology with an integrated ASIC
- Full driver support for all types of USB keyboard and mouse
- Active Sync Replication (A.S.R.) Technology supporting all time DDC emulation for video compatibility and stability
- HDCP specifications complaint
- USB 2.0/ USB1.1 Specification compliant
- Support digital video resolution up to 2560 x 1600
- Independent/ simultaneous PC/ hub/ audio & mic port selection
- Support Windows 98/SE/ME/2000/XP/Vista/7, Linux and Mac OS
- 2 x USB 2.0 device ports for sharing high-speed USB devices
- Multi-platform support for PCs and Macintosh
- Switching PC/ hub ports by front-panel push buttons and keyboard hotkeys
- Low power consumption using ASIC
- Firmware upgradable via USB port
- DisplayPort technology supports High Quality Digital Video/Audio interconnect

Specifications

Model No.	AP-202A	AP-204A
Number of Ports	2	4
Number of Console	1	1
PC Keyboard/Mouse Connectors	2 x USB Type B Female	4 x USB Type B Female
PC Video Connectors	2 x DisplayPort Female	4 x DisplayPort Female
PC Audio/Mic	4 x 3.5mm Audio/Mic Jack Female	8 x 3.5mm Audio/Mic Jack Female
Console Keyboard Connector	USB Type A Female	USB Type A Female
Console Mouse Connector	USB Type A Female	USB Type A Female
DDC Emulation	A.S.R.	A.S.R.
USB Hub Ports	2 x USB 2.0 Type A Female	2 x USB 2.0 Type A Female
PC Selection	Push Buttons / Hotkeys	Push Buttons / Hotkeys
Beeper	Yes	Yes
PC Port LEDs	2 (Green)	4 (Green)
Hub Port LEDs	2 (Red)	4 (Red)
Digital Display Resolution	2560 x 1600	2560 x 1600
Keyboard & Mouse Emulation	Yes (TTU)	Yes (TTU)
Autoscan Delay Time	10~60 sec	10~60 sec
Power Adapter	DC 9V/1A	DC 9V/1A
Dimension (LxWxH)	165 x 103.5 x 45mm	255 x 117.5 x 45mm
Safety / Emission	FCC, CE	FCC, CE

Ordering Information

AP-202A   **2-port DisplayPort USB KVM Switch w/ Audio, Mic and Hub**
AP-204A   **4-port DisplayPort USB KVM Switch w/ Audio, Mic and Hub**

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