

## CS1764A

4-Port USB DVI/Audio KVMP™ Switch



The CubiQ™ CS1764A USB 2.0 DVI KVMP™ Switch charts a revolutionary new direction in KVM (Keyboard, Video, Mouse) switch functionality by combining a 4-port KVM switch with a 2-port USB 2.0 hub at the same time as it provides an interface for a digital monitor (DVI).

In addition, the CS1764A comes with ATEN's Video DynaSync™ technology, enhancing display resolution, and power-on detection. This means that if one computer is powered off, the CS1764A will automatically switch to the next powered-on computer.

Functioning as a KVM switch, it allows users to access 4 computers using a single USB keyboard, USB mouse, and monitor console. Operating as a USB 2.0 hub, it enables each computer to access peripherals connected to the hub one at a time.

### Features

- One USB console controls four DVI computers and two additional USB 2.0 devices
- 2-port USB 2.0 hub built in
- Fully compliant with the USB 2.0 specification
- Computer selection via front panel pushbuttons and hotkeys
- Audio enabled - full bass response provides a rich experience for 2.1 channel surround sound systems
- Multiplatform support - Windows, Linux, Mac and Sun
- Superior video quality - 1920 x 1200, 60Hz; DDC2B
- Independent switching of KVM, USB, and Audio focus
- DVI digital and analog monitor support - fully compliant with the DVI specifications
- HDCP compliant
- Video DynaSync™ - stores the console monitor's EDID (Extended Display Identification Data) to optimize display resolution
- Power on detection - if one computer is powered off, the CS1764A will automatically switch to the next powered-on computer
- Console mouse port emulation/bypass feature supports most mouse drivers and multifunction mice
- Sun /Mac keyboard support and emulation\*
- Auto Scan Mode for monitoring all computers
- Firmware upgradable via USB

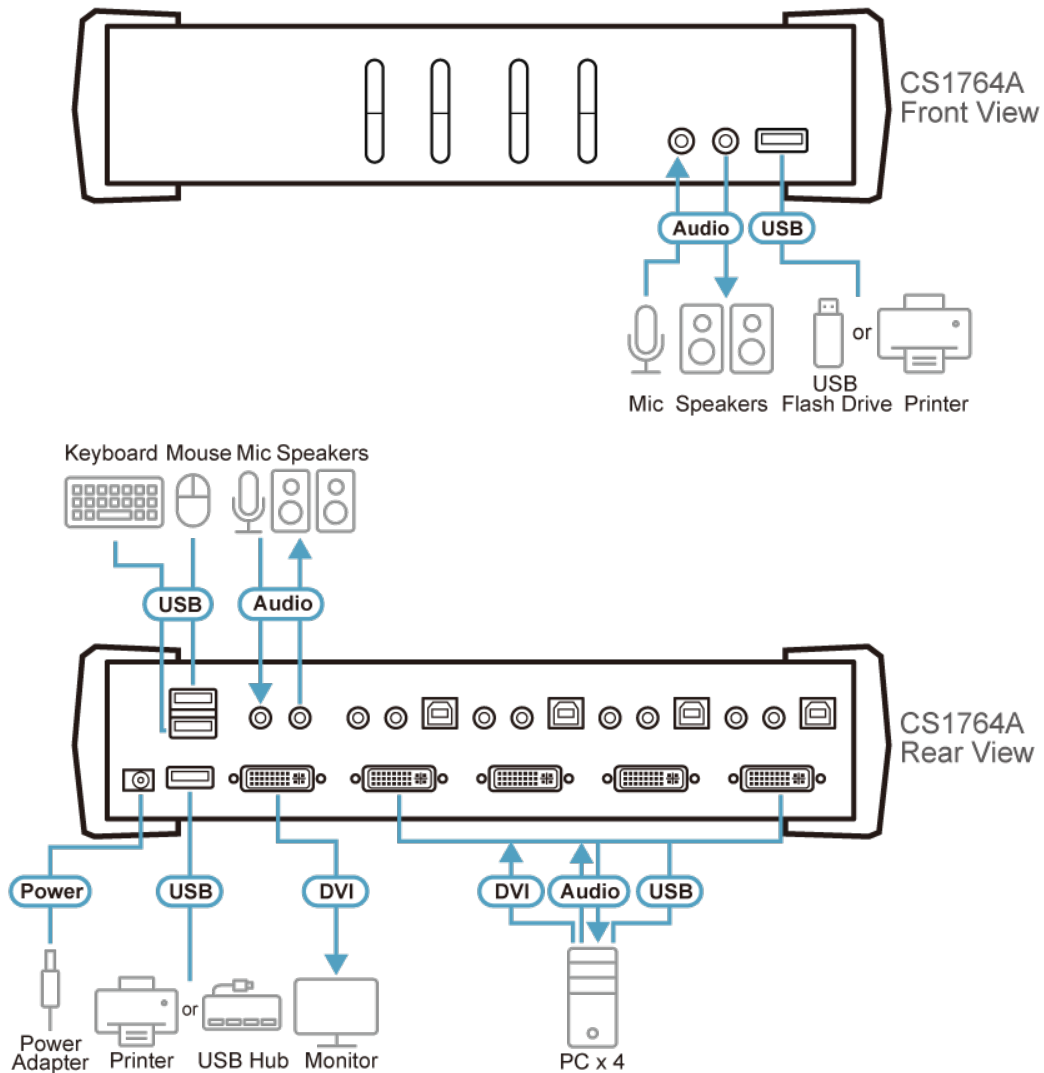
\* 1. PC keyboard combinations emulate Sun/Mac keyboards

2. Sun/Mac keyboards only work with their own computers

## Specifications

|                        |                                                                                                                                                                                                                                                      |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Computer Connections   | 4                                                                                                                                                                                                                                                    |
| Port Selection         | Hotkey, Pushbutton, Mouse                                                                                                                                                                                                                            |
| Connectors             |                                                                                                                                                                                                                                                      |
| Console Ports          | 2 x USB Type A Female (White; front panel)<br>1 x DVI-I Female (White)<br>2 x Mini Stereo Jack Female (Green; 1 x front panel; 1 x rear panel)<br>2 x Mini Stereo Jack Female (Pink; 1 x front panel; 1 x rear panel)                                |
| KVM Ports              | 4 x USB Type B Female (White)<br>4 x DVI-I Female (White)<br>4 x Mini Stereo Jack Female (Green)<br>4 x Mini Stereo Jack Female (Pink)                                                                                                               |
| Power                  | 1 x DC Jack                                                                                                                                                                                                                                          |
| USB Hub                | 2 x USB Type A Female (White; 1 x front panel, 1 x rear panel)                                                                                                                                                                                       |
| Switches               |                                                                                                                                                                                                                                                      |
| Selected               | 4 x Pushbutton                                                                                                                                                                                                                                       |
| LEDs                   |                                                                                                                                                                                                                                                      |
| USB Link               | 4 (Green)                                                                                                                                                                                                                                            |
| On Line /Selected      | 4 (Orange)                                                                                                                                                                                                                                           |
| Emulation              |                                                                                                                                                                                                                                                      |
| Keyboard / Mouse       | USB                                                                                                                                                                                                                                                  |
| Video                  | 1920 x 1200@ 60Hz; DDC2B                                                                                                                                                                                                                             |
| Scan Interval          | 1-99 Seconds (Default: 5 sec.)                                                                                                                                                                                                                       |
| Power Consumption      | DC5.3V:3.69W:43BTU/h<br><br>Note:<br>● The measurement in Watts indicates the typical power consumption of the device with no external loading.<br>● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. |
| Environmental          |                                                                                                                                                                                                                                                      |
| Operating Temperature  | 0 - 50°C                                                                                                                                                                                                                                             |
| Storage Temperature    | -20 - 60°C                                                                                                                                                                                                                                           |
| Humidity               | 0-80% RH, Non-condensing                                                                                                                                                                                                                             |
| Physical Properties    |                                                                                                                                                                                                                                                      |
| Housing                | Metal                                                                                                                                                                                                                                                |
| Weight                 | 0.94 kg ( 2.07 lb )                                                                                                                                                                                                                                  |
| Dimensions (L x W x H) | 27.00 x 8.80 x 5.55 cm<br>(10.63 x 3.46 x 2.19 in.)                                                                                                                                                                                                  |
| Note                   | For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.                                                                                                                      |

Diagram



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