



Simply Better Connections

## CS1794

4-Port USB HDMI/Audio KVMP™ Switch



# Uplift Multitasking Productivity with KVM Efficiency



CS1794

## 4-Port USB HDMI/ Audio KVMP™ Switch

The CS1794 allows quick access to 4 HDMI-interfaced PCs via one KVM console and flexible media sharing via a 2-port USB hub, which helps to expand your desktop workspace while keeping it tidy and organized for improved productivity. With the shared FHD video quality and speaker set, multitasking between computers can be more enjoyable.



USB Peripheral  
Sharing



HDCP Compliant



Audio Enabled



Video DynaSync™

**Smooth Cross-Platform Integration**

The CS1794 enables the integration of different computer systems (Windows, Mac and Linux) that are accessible from one KVM console.

**Video DynaSync™**

ATEN's patented [Video DynaSync™](#) ensures correct resolutions and display configurations are maintained when switching between ports under all operating systems, while also eliminating boot-up display problems and assuring smooth desktop operation.

**Incorrect display settings****Always optimized video**

No EDID or default EDID

KVM w/o Video DynaSync™  
KVM  
1 2

EDID data

KVM with Video DynaSync™  
KVM  
1 2



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### **Flexible USB Peripheral Sharing**

The built-in 2-port USB hub can be used for plug-n-play connection to compatible USB 2.0 peripheral devices (ex. printer, flash drive, scanner, etc) to fulfill data-intensive desktop work requirements.

**Applications**



Office



Media Design



Finance



Healthcare

**Product Comparison****Talk to Our Experts**

If you prefer to have ATEN contact you, please complete the form and a representative will be in touch with you shortly

First Name \*

Last Name \*

- Country \*

Company \*

Email \*

Phone Number

- Customer Type \*

Job Title \*



#### Features

With the unique design and innovative features, the CS1794 USB 2.0 HDMI [KVMP™](#) Switch provides both style and functionality for today's multimedia SOHO environment.

Combining a 4-port switch with a 2-port USB 2.0 hub, the CS1794 provides seamless HDMI signal switching between 4 PCs or other HDMI-enabled devices, such as gaming consoles, and allows users to share USB peripherals from a single console. The CS1794 provides enhanced independent switching via front panel pushbuttons and keyboard hotkeys, and features [Video DynaSync™](#) technology to ensure that HDMI display resolution is always optimized. With integrated digital audio, the CS1794 also allows users to experience high-definition sound, such as Dolby True HD and DTS HD Master Audio.

Ideal for multimedia applications in the office, the CS1794 offers the ultimate in [space-saving](#), streamlined KVM technology for the desktop.

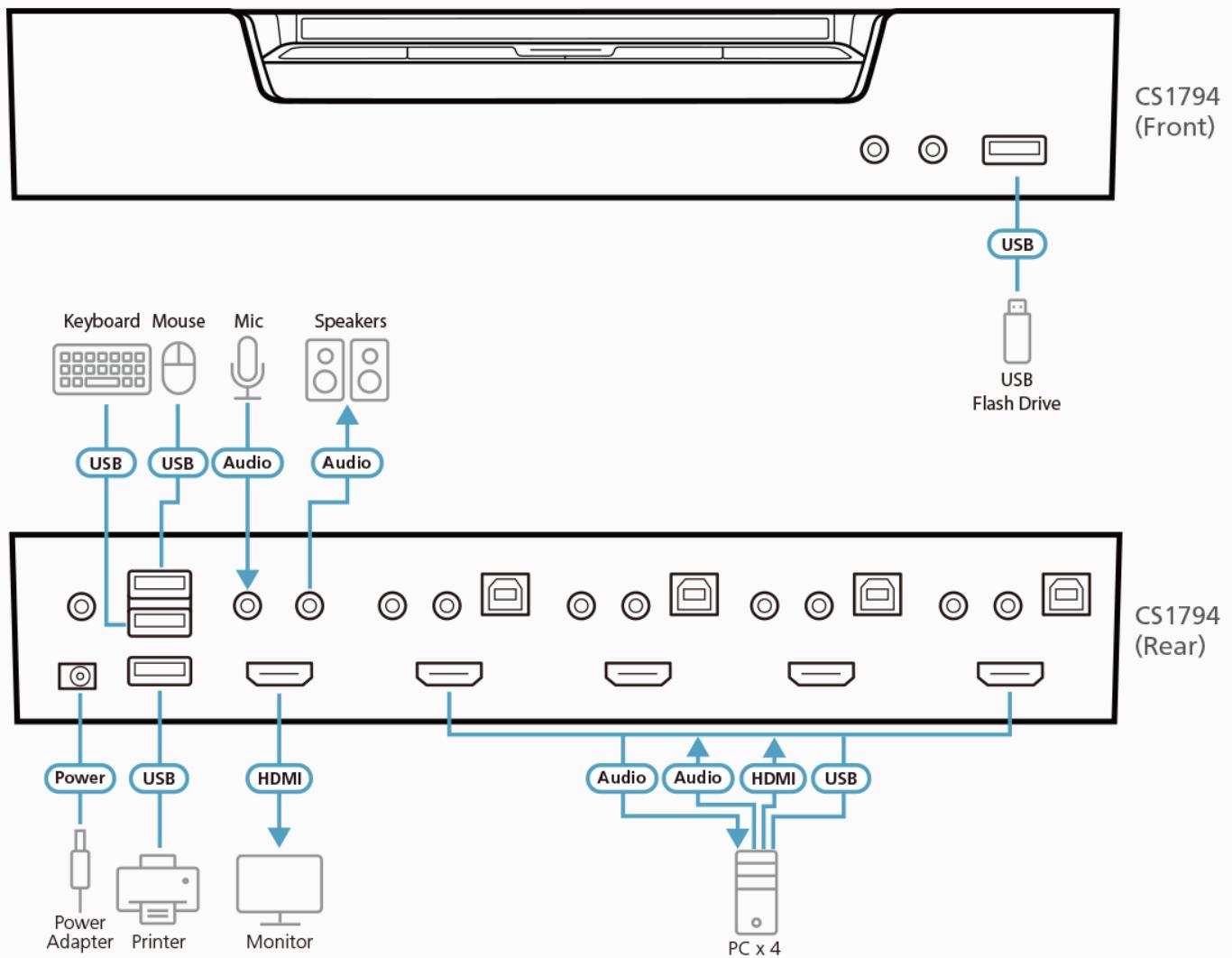
- 4-port HDMI USB 2.0 [KVMP™](#) Switch
- One USB console controls four HDMI-interface computers and two additional USB devices
- 2-port USB 2.0 hub built in; fully compliant with the USB 2.0 specification
- Independent switching of KVM, USB peripheral, and audio focus via front panel pushbuttons and hotkeys
- HDMI digital monitor support - fully compliant with HDMI; also [HDCP](#) compliant
- Dolby True HD and DTS HD Master Audio support
- Superior video quality - supports 480i, 480p, 720p, 1080i, and 1080p ([HDTV](#))/1920 x 1200(DVI)
- Power on detection - If one of the computers is powered off, the CS1794 will automatically switch to the next powered-on computer
- Supports widescreen resolutions
- Multiplatform support - Windows, Linux, and Mac
- Console mouse port emulation/bypass feature supports most mouse driver and multifunction mice
- Video DynaSync™ - stores the console monitor's [EDID](#) (Extended Display Identification Data) to optimize display resolution
- Complete keyboard emulation for error-free booting
- Mac keyboard support and emulation\*
- Auto Scan Mode for monitoring all computers and HDMI devices
- Firmware Upgradable

\* 1. PC keyboard combinations emulate Mac Keyboards  
2. Mac keyboards only work with their own computers

## Specifications

Computer Connections	4
Port Selection	Hotkey, Pushbutton
Connectors	
Console Ports	2 x USB Type A Female (rear panel) 1 x HDMI Female (Black) 2 x 3.5 mm Audio Jack Female (Green; 1 x front, 1 x rear) 2 x 3.5 mm Audio Jack Female (Pink; 1 x front, 1 x rear)
KVM Ports	4 x USB Type B Female 4 x HDMI Female (Black) 4 x 3.5 mm Audio Jack Female (Green) 4 x 3.5 mm Audio Jack Female (Pink)
Firmware Upgrade	1 x 3.5 mm Audio Jack Female (Black)
Power	1 x DC Jack
USB Hub	2 x USB Type A Female (1 x front panel; 1 x rear panel)
Switches	
Selected	5 x Pushbutton
LEDs	
Audio	5 (Green)
KVM	5 (Orange)
USB	5 (Green)
Emulation	
Keyboard / Mouse	USB
Video	1920 x 1080 @ 60Hz / 1920 x 1200 @ 60Hz
Scan Interval	1-99 seconds (default: 5 sec.)
Power Consumption	DC5.3V:4.88W:38BTU/h  Note: • The measurement in Watts indicates the typical power consumption of the device with no external loading. • 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, Plastic
Weight	0.53 kg ( 1.17 lb )
Dimensions (L x W x H)	26.23 x 7.24 x 4.40 cm (10.33 x 2.85 x 1.73 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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