ADDER Command & Control   (Model: CCS4USB)

The Adder Command & Control Switch (CCS4USB) is a professional grade control switch delivering USB True Emulation for use with modern or custom USB peripherals and audio, with RS232 control

The CCS4USB is a breakthrough in command and control switching, delivering USB2.0, bi-directional audio and True Emulation technology. CCS4USB is video independent (so can be used alongside DVI, VGA, Display Port etc). The CCS4USB allows you to work across all 4 computers and screens as though they were a single interface. Adder's True Emulation technology enables USB HID devices to be continuously emulated to each computer. This unique technology enables instantaneous and reliable hotkey switching whilst also supporting the extra keys and features of enhanced keyboards and mice. Furthermore, the CCS4USB includes two independently switchable USB 2.0 Hi Speed channels and an audio channel, giving the user the flexibility to attach selected peripherals to different computers.

A vast range of USB devices can be connected to the CCS4USB. From non standard human interface devices to printers and scanners. This gives great flexibility. For example, you could be scanning a set of documents onto one computer whilst working on another and printing from yet another, all at the same time. The USB 2.0 switching action has been carefully engineered to ensure maximum computer reliability when connecting and disconnecting USB devices.
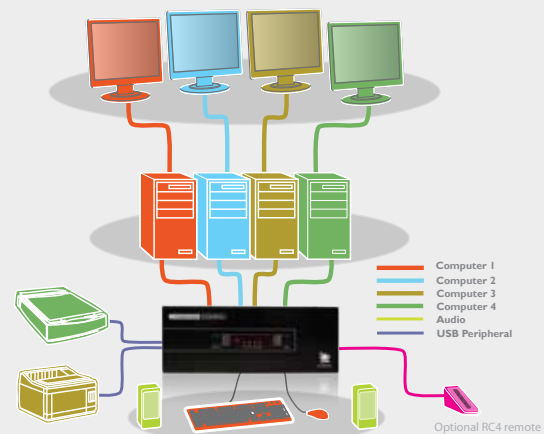
Synchrony Software swithcing
Using Adder's Synchrony software, you can switch channels automatically simply by moving your mouse cursor across the edge of the screen. This means you can seamlessly run you pointer across all 4 connected computers, switching either all ports or just keyboard & mouse as you go.

Options port for control and upgrade
An 'Options' port enables the CCS4USB to be remotely switched using simple ASCII codes. The port enables a 4 button switch unit (RC4) to be used with the CCS4USB. The same port can also be used to upgrade the firmware to guarantee that your hardware investment continues to deliver real value well into the future.

FEATURES

True Emulation USB2.0 technology
The CCS4USB is the first Command and Control switch to feature Adder's advanced True USB Emulation technology. Emulated USB provides an instantaneous and reliable switching action and makes keyboard hotkey and mouse switching possible. However, previous implementations have used only generic emulations and consequently have only been able to support the most basic keyboard and mouse features. Adder's revolutionary True Emulation technology overcomes this frustrating limitation by emulating the true character of the connected devices to all the computers simultaneously. This means that you can now use the extra function keys, wheels, buttons and controls that are commonly found on modern keyboards and mice. With the CCS4USB, a whole new group of users can take advantage of the flexibility KVM switches have to offer. Command and control users often need to use specialised interface devices such as graphics tablets, 3D explorers, joysticks, and so on. The CCS4USB makes all this possible using Adder's True Emulation technology.

Independent simultaneous device selection
Flexibility is key to the CCS4USB. The switch enables you to use the keyboard and mouse on one computer whilst your USB peripherals are connected to other computers and your speakers are playing audio from yet another. You can of course still switch all the connected devices to any one of the connected computers.

Channel selection options
The CCS4USB can be switched using selectable keyboard hotkeys, 3 button mice or the front panel controls. Optionally, you can also use the RC4 remote switch to make your selection. These switching options allow you to rapidly reassign connected devices to any of the connected computers.

COMMAND CONTROL

Example of switching flexibility on the CCS4USB. Diagram shows the switching of connected devices across all connected computers.

Computer 1
Computer 2
Computer 3
Computer 4
Audio
USB Peripheral

Optional RC4 remote

Broad USB 2.0 Hi Speed device support

Local, Remote and Global Computer Control

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TECHNICAL SPECIFICATIONS

Hardware compatibility:	All computers with USB interfaces
Software compatibility:	Operates with all known software and operating systems including Windows (all), DOS, Linux, Unix, BSD, all Sun OS, all Mac OS, NetWare etc.
Computer connections at switch:	USB2.0 type B, 3.5mm stereo jack
Local KVM console connection:	Keyboard/Mouse: 2 x USB type A Switched USB: 2 x USB2.0 type A Audio: 3.5mm stereo jack Other Connections: Options (flash upgrade, sync with an other CCS4USB and RS232 triggered power switches): Modular 10P10C
Physical design:	Metal case 230mm (w), 85mm (d), 40mm (h)
Power:	2.5mm DC jack (power adapter included),100-240VAC 50/60Hz input to power adapter, 5VDC 2.5A output from power adapter
Operating temperature:	0°C to 40°C / 32°F to 104°F
Approvals:	CE, FCC
Order Codes: XX= Mains Lead Country Code: UK = United Kingdom US = United States EURO = Europe AUS = Australia	CCS4USB-XX

RC4 Remote Control

Rear port view

Local, Remote and Global Computer Control

ADDER®