



KVMA switch to share Digital Video and USB between multiple sources

ADDERVIEW 4PRO-DP

Ultimate flexibility for sharing high-res screens and USB peripherals

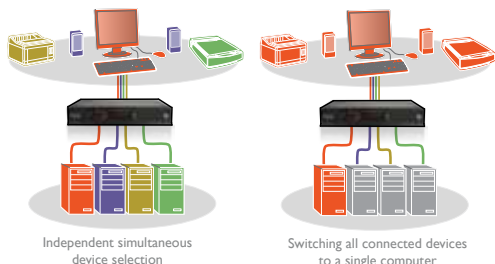


PRODUCT IN BRIEF

The AV4PRO-DP is designed to enable four computers equipped with DisplayPort technology to be controlled from a single KVM console. The switch makes use of Adder's True Emulation technology which enables USB HID (Low and Full speed) devices to be continuously emulated to each computer. This unique technology enables instantaneous and reliable hot key switching whilst also supporting the extra keys and features of enhanced keyboards and mice.

Furthermore, the ADDERView includes two independently switchable USB 2.0 channels (Low, Full and High speed) and an audio channel, giving the user the flexibility to attach selected peripherals to different computers.

Examples of switching flexibility on the AV4PRO-DP. Diagrams show the switching of connected devices across all connected computers and the selection of all connected devices to a single computer.



FEATURES

DisplayPort video support

The AV4PRO-DP is DisplayPort 1.1 compliant (4 lanes at 2.7Gb/s). DisplayPort's high performance is important for enabling new digital display experiences. For example, DisplayPort can easily support high end monitors featuring 2560x1600 resolution at 60Hz refresh rate and 10 bits per color, 1920x1200 resolution at 120Hz refresh rate, and Full HD monitors at 1920x1080 resolution and 60Hz refresh rate at 12 bits per color without latency, all over standard cables.

USB True Emulation 2.0 technology

The AV4PRO-DP belongs to the first KVMA range of switches to feature Adder's advanced USB True Emulation technology. Emulated USB provides an instantaneous and reliable switching action and makes keyboard hot key 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 USB 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.

Users in Architecture, Graphic design, Post production, Animation, etc. often need to

use specialised interface devices such as graphics tablets, 3D explorers, joysticks, and so on. The AV4PRO-DP makes all this possible.

Independent simultaneous device selection

Flexibility is key to the ADDERView Pro. The switch enables you to use the KVMA console to work on one computer whilst your USB peripherals are connected to other computers and your speakers are playing music from yet another. You can of course still switch all connected devices to any one of the connected computers as with any other KVM switch.

Channel selection options

The ADDERView Pro can be switched using selectable keyboard hot keys, 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.

Broad USB 2.0 Hi Speed device support

A vast range of USB devices can be connected to the ADDERView Pro from nonstandard 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

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FEATURES continued...

connecting and disconnecting USB devices.

Options port for control, synchronisation and upgrade

An 'Options' port enables the AV4PRO-DP to be remotely switched using a 4 button switch unit (RC4). By linking 'Options' ports, two or more units can be switched in synchrony to create a multi video head switching system.. 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.

ABOUT ADDER

Adder is a leading developer and thought leader in connectivity solutions. Adder's advanced range of KVM switches, extenders and IP solutions enable the control of local, remote and global IT systems across the enterprise. To find out more, visit: <http://www.adder.com>

TECHNICAL SPECIFICATIONS

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

USB 2.0 type B, Display Port, 3.5mm stereo jack

Local KVM console connection

Video: Display Port, 2 x USB type A
Switched USB: 2 x USB 2.0 type A
Audio: 3.5mm stereo jack

Other Connections

Options (flash upgrade, sync with other AV4PRO-DP and RS232 triggered power switches): Modular 10P10C

Physical design

1U high metal case 233mm (w), 115mm (d), 44mm (h)

Power

2.5mm DC jack (power adapter included), 100-240VAC 50/60Hz input to power adapter, 5VDC 2A output from power adapter

Operating temperature

0 to 40°C / 32 to 104°F

Approvals

CE, FCC

ORDERING INFORMATION

AV4PRO-DP-XX: ADDERView PRO 4 port switch

XX	= Mains Lead Country Code:
UK	= United Kingdom
US	= United States
EURO	= Europe
AUS	= Australia

ADDITIONAL ACCESSORIES

RC4-8P8C: 4 button switch plus 3M cable

RMK3: Rack mount kit

VSC40: Flash upgrade cable

VSC41: Synchronization cable

VSCD10: 2 Meter DisplayPort Cable

RELATED PRODUCTS

Adder offer a vast range of products to suit your needs. Other products you may be interested in include:

ADDERView 8PRO DVI
AV8PRO-DVI



ADDERView 4PRO MS
AV4PRO-DVI-DUAL;
AV4PRO-DVI-TRIPLE;
AV4PRO-DVI-QUAD



ADDERView 4PRO DVI
AV4PRO-DVI



ADDERView 4PRO VGA
AV4PRO-VGA



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