PRODUCT IN BRIEF

The AV4PRO-DP is designed to enable four computers equipped with Display Port 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 hotkey 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.

FEATURES

Display Port video support
Display port 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 2560 x 1600 resolution at 60Hz refresh rate and 10 bits per color, 1920 x 1200 resolution at 120Hz refresh rate, and Full HD monitors at 1920 x 1080 resolution and 60Hz refresh rate at 12 bits per color without latency, all over standard cables.

True Emulation USB 2.0 technology
The AV4PRO-DP belongs to the first KVMA range of switches 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.

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.

Channel selection options
The AdderView Pro 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.

Broad USB 2.0 Hi Speed device support
A vast range of USB devices can be connected to the AdderView 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.

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...

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.

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.

Independent simultaneous device selection
Switching all connected devices to a single computer

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.
ADDERView 4PRO-DP
Ultimate flexibility for sharing high-res screens and USB peripherals

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. The company distributes its products in more than 60 countries through a network of distributors, resellers and OEMs. Adder has offices in the United States, United Kingdom, Germany, the Netherlands, Sweden, China and Singapore.

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**
USB2.0 type B, Display Port, 3.5mm stereo jack

**Local KVM console connection Video:**
Display Port, 2 x USB type A, Switched USB: 2 x USB2.0 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°C to 40°C / 32°F to 104°F

**Approvals**
CE, FCC

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

- **ADDERView PRO**
  AV4PRO-DVI

- **ADDERView PRO MS**
  AV4PRO-DVI-DUAL,
  AV4PRO-DVI-TRIPLE,
  AV4PRO-DVI-QUAD

- **ADDERView PRO DVI**
  AV4PRO-DVI

- **ADDERView PRO VGA**
  AV4PRO-VGA

ORDERING INFORMATION
ADDERView PRO 4 port switch: AV4PRO-DP-XX

- **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

- **RMPK3**
  Rack mount kit

- **VSC40**
  Flash upgrade cable

- **VSC41**
  Synchronization cable

- **VSCD10**
  2 Meter DisplayPort Cable