NIAP protection profile

This product is certified to the NIAP protection profile PSD version 4.0 certification for peripheral sharing devices.

Security Vulnerability

- Web form: https://www.adder.com/en/support/contact-support
- Email: compliance@adder.com
- Tel: +44 (0)333 2079766

Notes and warnings

- Note: Holographic anti-tampering labels protect the product's enclosure, providing a clear visual indication if it has been opened or compromised.
- WARNING: For security reasons, this product does not support wireless keyboards. It is recommended not to connect a microphone of headset to the audio output port.
- WARNING: If the unit's enclosure appears disrupted or if all of the indicators are flashing continuously, remove the product from service immediately and contact Technical Support.

Dimensions

- **AVS-2112** (DVI-D, single head switch):   344 (W) x 171 (D) x 44 (H) mm, weight 1.6 kg
- **AVS-2114** (DVI-D, single head switch):   344 (W) x 171 (D) x 44 (H) mm, weight 1.6 kg
- **AVS-2214** (DVI-D, dual head switch):   344 (W) x 165 (D) x 61 (H) mm, weight 2.0 kg
- **AVS-4112** (DVI-D, single head switch):   344 (W) x 171 (D) x 44 (H) mm, weight 1.6 kg
- **AVS-4114** (DP/HDMI, single head switch):   344 (W) x 171 (D) x 44 (H) mm, weight 1.6 kg
- **AVS-41116** (DP/HDMI, single head switch):   437 (W) x 206 (D) x 88 (H) mm, weight 6.2 kg
- **AVS-4214** (DP/HDMI, dual head switch):   344 (W) x 165 (D) x 61 (H) mm, weight 2.0 kg

Welcome

This quick start guide covers some of the key points of the following ADDERView Secure models:
AVS-2112 • AVS-2114 • AVS-2214 • AVS-4112 • AVS-4114 • AVS-41116 • AVS-4214

Please read the supplied safety instruction leaflet before use.

The ADDERView Secure range of 2, 4 and 16-port High Security Single and Dual Head KVM switches all protected access to multiple computers using one set of console peripherals (keyboard, mouse and video). All switching is controlled from the smart front panel or from the optional remote control unit (4-port only). Multiple techniques are employed to ensure that no crosstalk can occur between the connected computer channels.

AudioHold button
Allows you to listen to audio from one computer while working with another.

Computerchannel buttons
Press a button to connect the console peripherals to the corresponding computer. An indicator will illuminate on the selected button.

Statusindicators
Display the status of the keyboard locks plus the remote control.

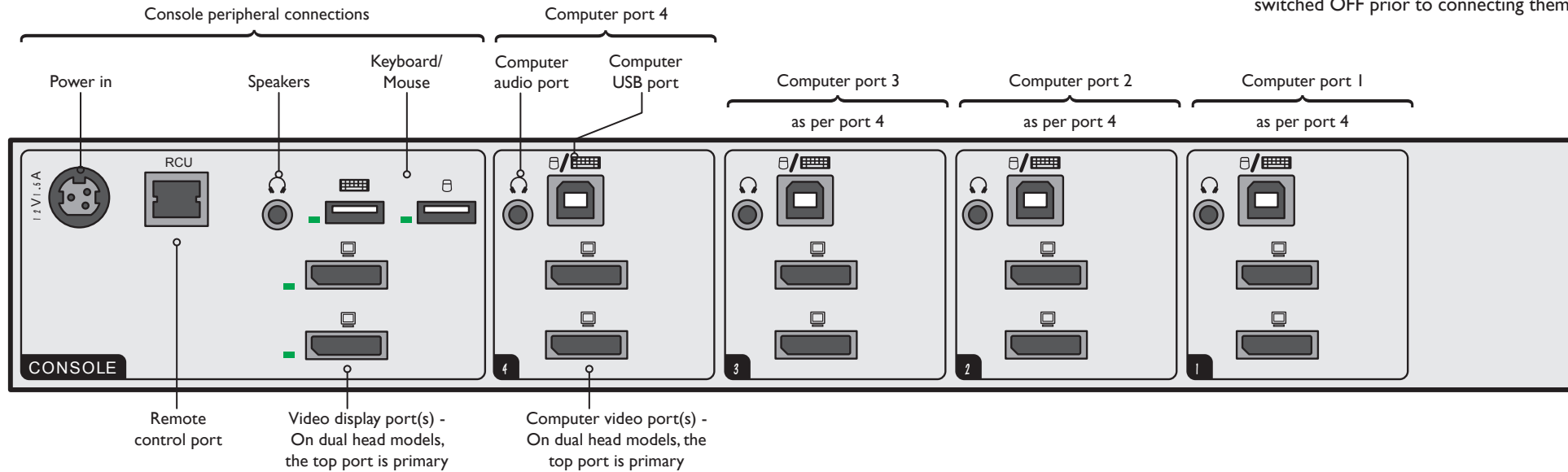Do not connect this product to computing devices that:

- are TEMPEST computers,
- include telecommunication equipment,
- include frame grabber video cards,
- include special audio processing cards.

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Connections

Console peripheral connections

Computer port 4

Power in | Speakers | Keyboard/Mouse | Computer audio port | Computer USB port

Computer port 3 — as per port 4
Computer port 2 — as per port 4
Computer port 1 — as per port 4

RCU

CONSOLE

Remote control port

Video display port(s) - On dual head models, the top port is primary

Computer video port(s) - On dual head models, the top port is primary

Operation

Connect all peripherals and computers to the KVM unit. Ensure that the video monitor(s) are switched on before powering on the KVM unit.

Switching between computers

Select a computer by pressing the corresponding front panel button. The console peripherals will be switched to the chosen computer and the corresponding indicator will illuminate.

Console port indications

Video LEDs
- Off - No EDID
- Flashing - Read in progress
- On - EDID received

USB LEDs
- Off - No device detected
- Flashing - Device rejected
- On - Device approved

Audio Hold

The Audio Hold button prevents switching the audio port when changing the other console peripherals (keyboard, mouse, video) to another computer channel. This function is useful when you need to listen to the audio from one computer while working on another.

Using the front panel computer channel buttons, first connect the console peripherals to the computer from where the audio feed is required. Press the Audio Hold button on the front panel. Then press the channel button for the computer that is required for the other peripherals. The audio association will be signalled by the right indicator on each channel's front panel push button.

To release the audio from hold status, press the Audio Hold button again.

Power on self-test

When the unit powers up it performs a self-test procedure. If the self-test fails for any reason, including a jammed button, the unit will become inoperable. The front panel indicators will show an abnormal display. Contact technical support and avoid using the product.

AVS-2112 DVI-D, single head

AVS-2114 DVI-D, single head

AVS-2214 DVI-D, dual head

AVS-4112 DP/HDMI, single head

AVS-4114 DP/HDMI, single head

AVS-41116 DP/HDMI, single head

AVS-4214 DP/HDMI, dual head