Simply Better Connections

# VS0801A

8-Port VGA/Audio Switch with Auto Switching

The VS0801A 8-Port VGA Switch with Auto Switching,connecting eight audio/video source notebooks to a single monitor or projector with full audio will enable you to quickly switch between the devices for any presentation occasions where multiple audio/video playing are simultaneously required, such as meeting room, media centers, class rooms etc.

VS0801A built-in bi-directional RS-232 serial port for highend system control, and advanced RS-232 control. With the ability to use high-end serial control devices via RS-232 commands allows the VS0801A to be controlled by secondary systems with advanced functions such as: Power on Detection,Auto Switching and Pushbutton Lock. The IR Remote control convenient front panel pushbuttons, and new port switching VGA cable allow you to quickly and easily toggle between VGA/ Audio sources, while the front panel LEDs indicate the source device at a glance.

## Features

- Display the video output of up to eight computers on a single VGA display
- Quick and easy switching between VGA/Audio sources via front panel pushbuttons, RS-232 commands, IR remote control, or Port Switching cable*
- Supports stereo audio
- Built-in bi-directional RS-232 serial port for high-end system control
- RS-232 Control:
  •Power On Detection – if one VGA source is powered off, the VS0801A will automatically switch to the next powered-on source
  •Auto Switching – sets the priority for auto switching to a connected port
  •Pushbutton Lock – locks use of the front panel pushbuttons
- Supports up to 300MHz bandwidth for optimal video quality
- Superior video quality – up to 2048 x 1536 @ 60Hz
- Long distance transmission – up to 30 m
- Supports VGA, SVGA, XGA, SXGA, UXGA, WUXGA and multisync monitors
- Video Dyna Sync™ – Exclusive ATEN technology eliminates bootup display problem and optimizes resolution when switching between ports
- Supports Dynamic DDC to monitor and receive updated EDID information from displays

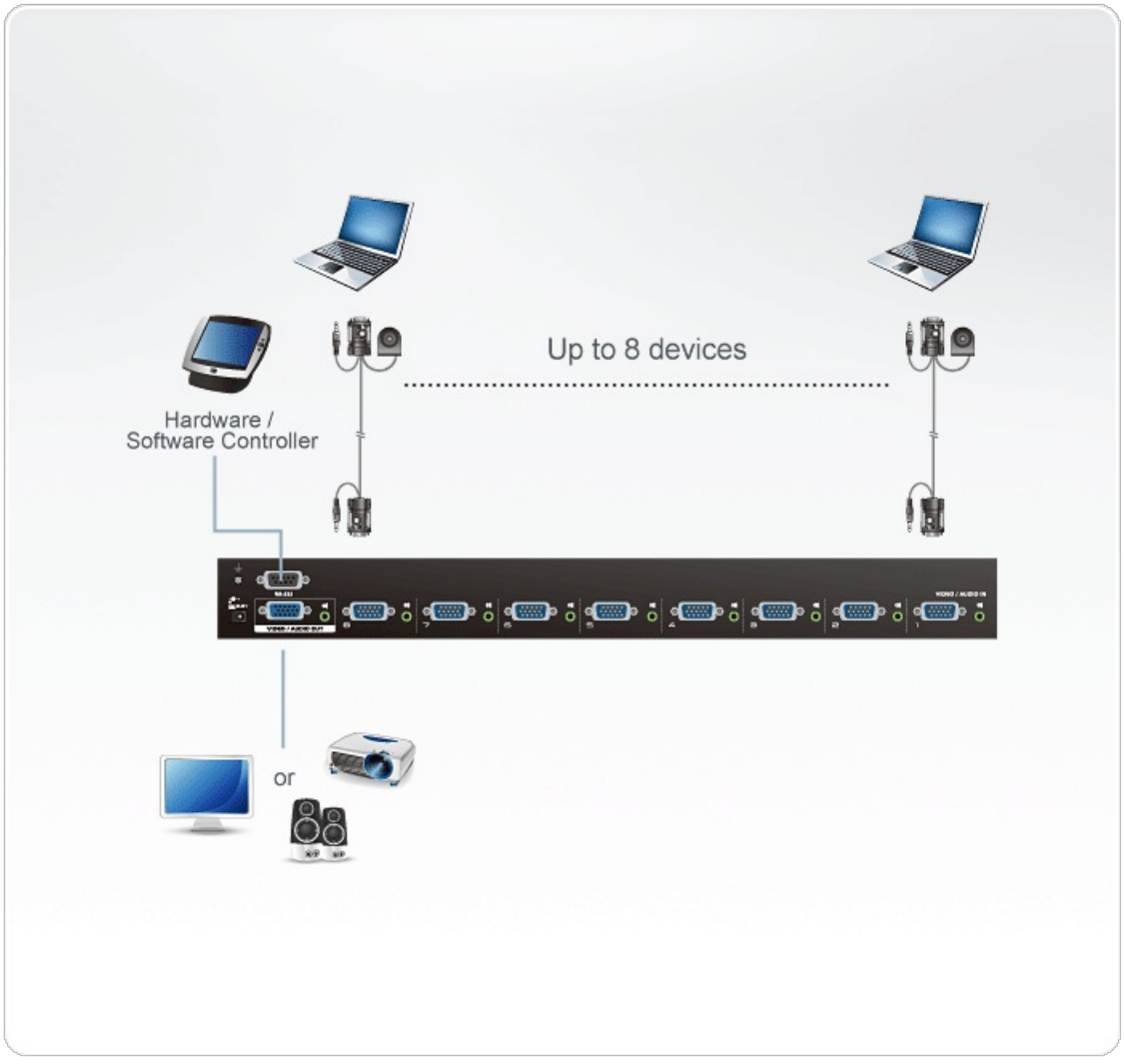
  * Note: The Port Switching VGA cable does not come with the package and must be purchased separately

## Specification

| | |
|---|---|
| Video Input | |
| Interfaces | 8 x HDB-15 Male (Blue) |
| Impedance | 75 Ω |
| Max. Distance | 1.8 m |
| Video Output | |
| Interfaces | 1 x HDB-15 Female (Blue) |
| Impedance | 75 Ω |
| Video | |
| Max. Bandwidth | 300 MHz |
| Max. Resolution | Up to 1920 x 1440 |
| Max. Distance | Up to 30 m |
| Audio | |
| Input | 8 x Mini Stereo Jack Female (Green) |
| Output | 1 x Mini Stereo Jack Female (Green) |
| Control | |
| RS-232 | Connector: 1 x DB-9 Female (Black)<br>Baud Rate and Protocol:<br>Baud Rate: 19200, Data Bits: 8, Stop Bits:1, Parity: No, Flow Control: No |
| Connectors | |
| Power | 1 x DC Jack |
| Power Consumption | DC5.3V:1.01W:5BTU/h<br><br>Note:<br>● The measurement in Watts indicates the typical power consumption of the device with no external loading.<br>● 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 |
| Weight | 2.10 kg ( 4.63 lb ) |
| Dimensions (L x W x H) | 43.70 x 15.98 x 4.40 cm<br>(17.2 x 6.29 x 1.73 in.) |
| Carton Lot | 3 pcs |
| 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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