

## 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.

**RS-232  
Control**

**VDS** Video  
DynaSync



**Video In**

**HDB-15**



**Video Out**

**HDB-15**



**Stereo  
Audio**



**IR Remote  
Control**

## 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 210 feet (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

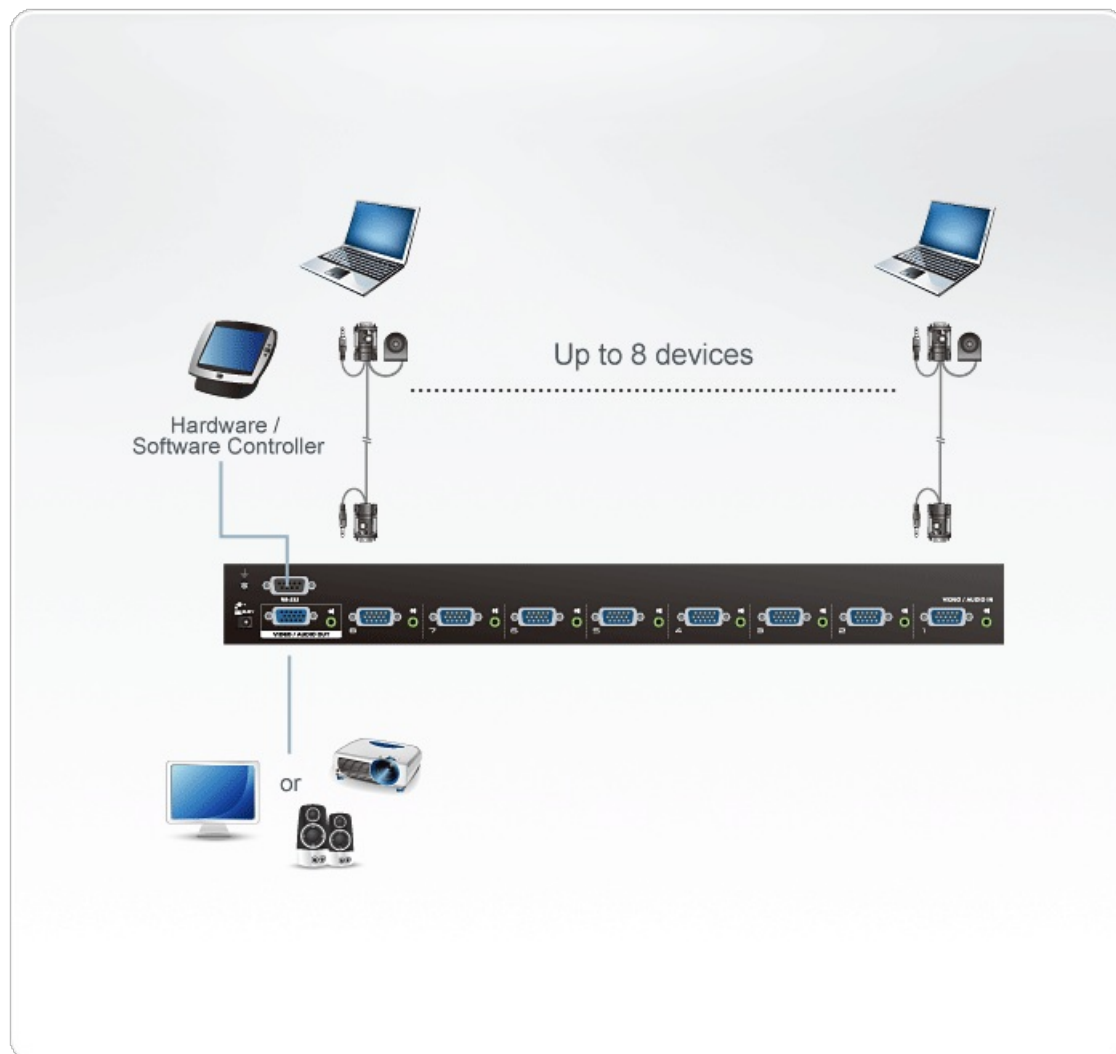
\* Note: The Port Switching VGA cable does not come with the package and must be purchased separately

## Specification

Video Input	
Interfaces	8 x HDB-15 Male (Blue)
Impedance	75 $\Omega$
Max. Distance	1.8 m
Video Output	
Interfaces	1 x HDB-15 Female (Blue)
Impedance	75 $\Omega$
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) Baud Rate and Protocol: 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  Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● 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 (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





Simply Better Connections

***ATEN International Co., Ltd.***

3F., No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan  
Phone: 886-2-8692-6789 Fax: 886-2-8692-6767  
www.aten.com E-mail: marketing@aten.com



© Copyright 2015 ATEN® International Co., Ltd.  
ATEN and the ATEN logo are trademarks of ATEN International Co., Ltd.  
All rights reserved. All other trademarks are the property of their  
respective owners.