

VS482

4-Port HDMI Switch with Dual Output



With more and more HDMI devices entering the Home Theater market, the need for simultaneous access to different HDMI A/V sources is becoming increasingly important. Now, the VS482 4-Port Dual View HDMI Switch offers an easy and affordable way to add HDMI capabilities to your home theater system by allowing you to switch easily between up to four HDMI A/V sources that are connected to up to two HDMI displays.

The VS482 supports four HDMI video input sources and two HDMI output displays. It is designed for two [HDTV](#) or audio/video receiver (AVR) applications. The VS482 complies with HDMI standards, and is designed to support 3D content, as well as Audio Return Channel (ARC) function. The VS482 also offers instant switching and has OSD display controls for video, audio, system configuration and information.

Supports 3D	HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE	ARC		A/V Out HDMI	RS-232 Control
	A/V In HDMI		Dual View	EDID	
OSD		ARC	Audio Return Channel		Digital Audio Toslink
	IR Remote Control		Instant Switch	Full HD 1080P	

Features



Audio Return Channel (ARC)

Connect an HDMI cable to the ARC port to send audio from your source device to your audio/video receiver



Instant Switching

Instant switching between HDMI input sources via front panel pushbuttons or through the RS-232 serial control port



OSD Menu

OSD for system configuration setting and information display



EDID Expert

Feature EDID Expert technology to set up different configurations via different EDID mode

- Allows up to four HDMI A/V sources to be connected to two HDMI displays
- [HDCP 1.4 compatible, HDMI \(3D, Audio Return Channel and Deep Color\)](#)
- Supports Dolby True HD and DTS HD Master Audio
- [Audio Return Channel \(ARC\) function – connect an HDMI cable to the ARC port to send audio from your source device to your audio/video receiver](#)
- OSD for system configuration setting and information display
- Instant switching between HDMI input sources via front panel pushbuttons or through the RS-232 serial control port
- [Feature EDID Expert technology to set up different configurations via different EDID mode](#)
- [Allows users to view the HDMI input source port / device for easy selection](#)
- Supports superior video quality – [HDTV](#) resolutions of 480p, 720p, 1080i, 1080p (1920x1080); up to WUXGA (1920 x 1200)
- Built-in bi-directional RS-232 serial control port for high-end system control *
- Extra audio from HDMI input signal that supports both optical and coaxial digital audio and one stereo audio output
- IR control signal extension – extend the reach of the IR controller by adding an IR receiver unit
- Rack mountable

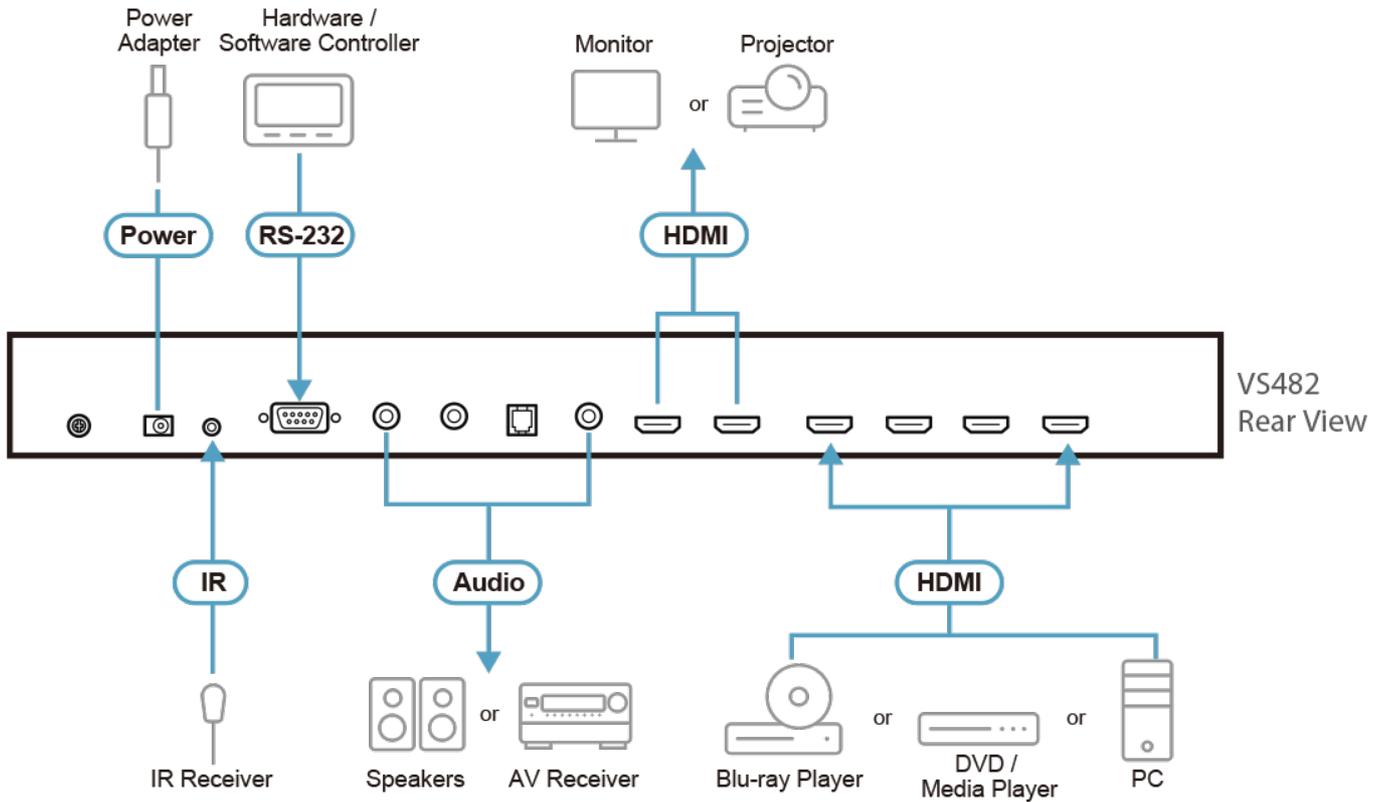
Note: The VS482 AP and GUI operation instructions can be downloaded from the ATEN website (www.aten.com)

Specifications

Video Input	
Interfaces	4 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	3M at 1920 x 1080 @ 60Hz (4:4:4)
Video Output	
Interfaces	2 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	15M at 1920 x 1080 @ 60Hz (4:4:4)
Video	
Max. Data Rate	6.75 Gbps (2.25 Gbps Per Lane)

Max. Pixel Clock	225 MHz
Compliance	HDMI (3D, Audio Return Channel, Deep Color) HDCP Compatible Consumer Electronics Control (CEC)
Max. Resolution	Up to 1080p
Audio	
Input	4 x HDMI Type A Female (Black)
Output	Analog: 2 x RCA (Red / White) Digital: 1 x HDMI Type A Female (Black); 1 x Toslink (Black); 1 x RCA (Orange)
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
IR	1 x Mini Stereo Jack Female (Black)
EDID Settings	EDID Mode: Default / Port1 / Auto
Connectors	
Power	1 x DC Jack
Power Consumption	DC5.3V:5.74W:27BTU/h Note: <ul style="list-style-type: none"> ● 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	2.17 kg (4.78 lb)
Dimensions (L x W x H)	43.72 x 15.86 x 4.40 cm (17.21 x 6.24 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



Note: Connects up to 2 display devices to the HDMI output ports, and up to 4 video source devices to the HDMI input ports.

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