5x1 Digital AV Control Switch-Cat

VSA-51

The VSA-51 is the most advanced, customizable, easy to use, and affordable room control solution ever. It offers greater switching capacity of analog and digital video/audio sources. All source inputs are modular and powered from the receiver to offer flexibility and simplicity of installation.

The VSA-51 offers true flexibility in access and control. All configuration and control software is embedded in the receiver and served over HTTP to a browser which means you can access and control the device from a PC, Mac, smart phone, or tablet. Custom programmable serial strings allow advanced control of virtually any display plus an additional serially controlled device and 2 contact closures. Software features include embedded device control, task scheduling and automation, and more.

Embedded Software Accessible From Any PC, Smart Phone, or Tablet.

All configuration for the VSA-51 is handled through the embedded software running on the appliance. It is accessible through any modern browser such as from a PC, iphone, ipad or Android device. This offers administrators freedom to manage the system from any device anywhere inside their network. Built-in control interface gives users the ability to switch video, adjust volume, or perform any preprogrammed action from a touch screen device such as an iPhone or iPad.

Control a Display, Secondary Serial Device, and 2 Relays

The VSA-51 can control not only a primary display but also a second serially controlled device and 2 programmable GPIO ports. All buttons on the User Interface panel and control software are programmable, allowing a high level of customization. Buttons can be configured to perform a string of actions so, for example, pressing the button to power on the projector may also trigger a motorized screen and turn down lights.

Task Scheduling and Automation

Tasks may be scheduled to run automatically at a specific time. Scheduled tasks can be one time or recurring. This can reduce energy costs and save on maintenance, for example by automatically shutting down the projector during non-business hours.

Panel Lockout with Inactivity Timer

The User Interface has a panel lock security feature to prevent unauthorized tampering with the controls. An inactivity timer automatically locks the panel after a preset amount of time has passed without use. A custom button sequence is used to unlock the controls.

Modular Audio/Video Inputs

Each input for the VSA-51 is on a single-gang decora plate which can be mounted together or separately on the wall or lectern. The system accepts a maximum of 5 inputs (2 Composite, 2 VGA/YPbPr and 1 HDMI) each including stereo audio. All inputs transmit over UTP (Cat5) cable back to the receiver. Each input automatically receives power from the receiver so no additional wiring is necessary.

Page Sense Muting

Page sense muting is available with the optional VSA-PGSNS kit. The system will automatically mute the VSA audio when it detects an incoming transmission on the paging system. The external sensor is completely non-invasive to the existing audio system.

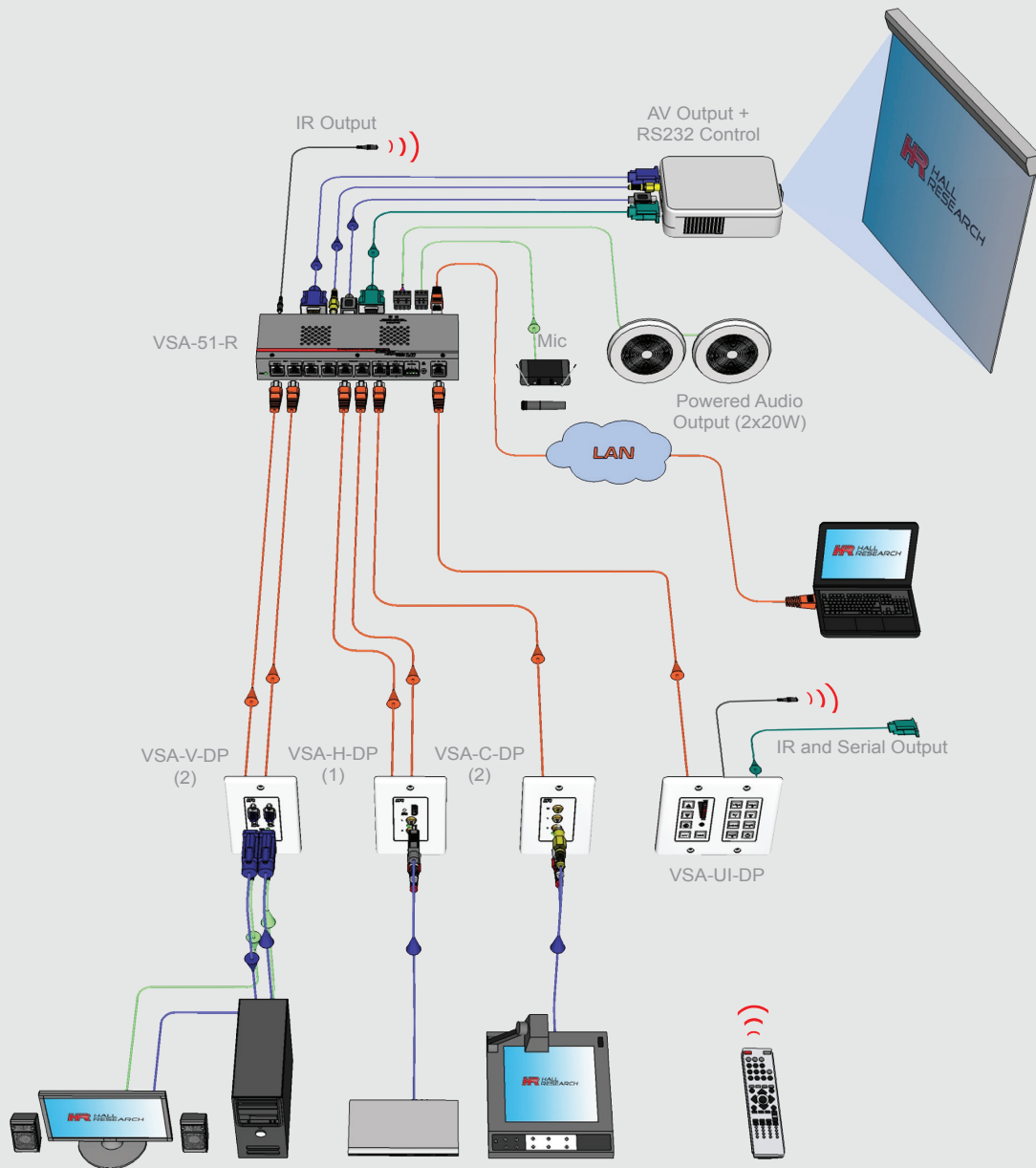## Individual Audio Level Control with Amplification

The VSA-51 features a built-in audio amplifier with line level output. Each source as well as mic input audio levels are handled independantly of each other. The system also features 40W powered stereo output.

AUDIO UTP
VIDEO UTP
POWER UTP
EDID EMULATION

HD ready 1080p
RS232
IP LAN

Control Systems
VSA-51

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IR Output

AV Output +
RS232 Control

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VSA-51-R

Mic

Powered Audio
Output (2x20W)

LAN

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VSA-V-DP
(2)

VSA-H-DP
(1)

VSA-C-DP
(2)

IR and Serial Output

VSA-UI-DP

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Specifications

Video Inputs	(2) Composite, (2) VGA/YPbPr, (1) HDMI
Video Outputs	(1) Composite, (1) VGA/YPbPr, (1) HDMI
Audio Inputs	(5) Line Level Stereo, (1) Line Level Mic
Audio Outputs	40W
Max Distance	VSA-C-DP - 1200 feet
	VSA-V-DP - 750 feet
	VSA-H-DP - 150 feet
	VSA-UI-DP - 300 feet
Serial Ports	(2) RS232
GPIO	(2) Isolated Contacts
IR Pass-Through	(1) 3.5mm, (1) Screw Terminal
IP/LAN	10/100 MB Ethernet with HTTP and Telnet

System Components

VSA-51-R	System Receiver
VSA-UI-DP	User Interface Panel
VSA-UI-8	8 Button User Interface Expansion
VSA-H-DP	HDMI and Audio Sender Plate
VSA-V-DP	VGA and Audio Sender Plate
VSA-C-DP	Composite and Audio Sender Plate
VSA-MNT	Ceiling Projector Drop Mount
VSA-PGSNS	Non-Invasive Priority Page Sensor

Control Systems
VSA-51

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