



## VS-88H2A

8x8 4K HDR HDCP 2.2 Matrix Switcher with Analog & Digital Audio Routing

| HDMI | 4K/60 UHD (4:4:4)



VS-88H2A is a high-quality, 8x8 matrix switcher for 4K@60Hz (4:4:4), HDR, HDMI signals and analog & digital audio routing. It reclocks and equalizes the signals and can route any one of eight HDMI, HDCP-compliant sources (selectable) to any or all outputs simultaneously. VS-88H2A offers unmatched audio flexibility where any embedded digital or analog audio input can be routed to any embedded digital or analog audio output in addition to eight ARC sources to produce an equivalent 24x24 audio matrix

### FEATURES

**High-Performance AV Matrix** - Switches 8 4K@60Hz (4:4:4), HDR, HDMI, HDCP, DVI-compliant signals to 8 4K@60Hz (4:4:4), HDR, HDMI, HDCP, DVI-compliant outputs at up to 18G data rate. Signals are HDCP 2.2/1.4 compliant. Featuring Kramer re-Klocking™ and Equalization Technology that rebuilds the digital signal to travel longer distances. Note: For optimum range and performance, use recommended Kramer cables

**HDMI Support** - Deep Color, 3D, ARC, up to 7.1 uncompressed audio channels as specified in HDMI 2.0

**Independent Audio Routing** - Any embedded digital or analog audio input can be routed to any embedded digital or analog audio output in addition to eight ARC sources to produce an equivalent 24x24 audio matrix (8 embedded digital inputs + 8 analog inputs + 8 ARC inputs and 8 digital outputs + 8 analog outputs + 8 ARC outputs)

**Easy Step-In Collaboration Function** - When used with a Kramer Step-In enabled switcher, just plug in your device and press the Step-In button. Your device becomes the active signal on the main display

**EDID Management** - Individual EDID management per input. Captures and stores the EDID from a display device

**Flexible Content Protection** - Selectable HDCP per input

**Quick Access to Common Configurations** - Save up to 16 preset configurations

**Smart Switching** - Active source & acceptor detection. Automatic input selection based on priority selection or last connected input

**Embedded Pattern Generator** - With selectable patterns

**Convenient Unit Control and Configuration Options** - Local control via front panel: switching, audio embedding, mute, test pattern, memory, EDID, front panel lock and factory reset buttons, Input/Output LED display. Distance control using user-friendly embedded web pages via Ethernet, Protocol 3000 API, and RS-232 serial commands transmitted by a PC, touch screen system or other serial controller

**Cost-Effective Maintenance** - Input Selection indicators facilitate easy local maintenance and troubleshooting. Firmware upgrade via Ethernet or mini USB

**Easy Installation** - 19" enclosure for rack mounting in a 1U rack space with included rack ears and universal 100-240V AC power supply



## TECHNICAL SPECIFICATIONS

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Inputs	8 HDMI On female HDMI connectors 8 Unbalanced Stereo Audio On 3.5mm mini jacks
Outputs	8 HDMI On female HDMI connectors 8 balanced audio stereo On 5-pin terminal blocks (+4dBu nominal)
Ports	1 5V/2A USB On a type-A USB connector for powering an external device 1 RS-232 On a 3-pin terminal block connector 1 Ethernet On an RJ-45 connector 1 USB On a mini USB connector for firmware upgrade or communication (connecting to a PC or a serial controller)
Video	HDMI Support Deep Color, 3D, ARC, up to 7.1 uncompressed audio channels as specified in HDMI 2.0 Content Protection HDCP 2.2 Output Resolutions: Up to 4K@60Hz (4:4:4)
User Interface	Control: Front panel buttons for input/output selection, audio embedding, mute, test pattern, memory, EDID capture, factory reset and front panel lock. Protocol 3000 API via RS-232 serial commands transmitted by a PC, touch screen system or other serial controller, embedded web pages via LAN for configuration and control Indicators LED display for switching status
Power	Power Source: 100-240V AC, 50/60Hz Consumption 600mA
Accessories	Included Rack ears, rubber feet, power cord
Environmental Conditions	Operating Temperature: 0° to +40°C (32° to 104°F) Storage Temperature: -40° to +70°C (-40° to 158°F) Humidity: 10% to 90%, RH (non-condensing)
Product Dimensions	43.64cm x 18.30cm x 4.36cm (17.18" x 7.20" x 1.72" ) W, D, H
Product Weight	2.5kg (5.5lbs) approx
Shipping Dimensions	53.00cm x 33.00cm x 10.70cm (20.87" x 12.99" x 4.21" ) W, D, H
Shipping Weight	3.4kg (7.4lbs) approx



