



VS-88H2A

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

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



VS88H2A is a highquality, 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, HDCPcompliant sources (selectable) to any or all outputs simultaneously. VS88H2A 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 24x20 audio matrix

FEATURES

High-Performance AV Matrix - Switches 8 4K@60Hz (4:4:4), HDR, HDMI, HDCP, DVIcompliant signals to 8 4K@60Hz (4:4:4), HDR, HDMI, HDCP, DVIcompliant outputs at up to 18G data rate. Signals are HDCP 2.2/1.4 compliant. Featuring Kramer reClocking™ 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 24x20 audio matrix (8 embedded digital inputs + 8 analog inputs + 8 ARC inputs and 8 digital outputs + 8 analog outputs + 4 ARC outputs)

Easy Step-In Collaboration Function - When used with a Kramer StepIn enabled switcher, just plug in your device and press the StepIn 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 userfriendly embedded web pages via Ethernet, Protocol 3000 API, and RS232 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 100240V AC power supply



TECHNICAL SPECIFICATIONS

| | |
|--------------------------|---|
| 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 5pin terminal blocks (+4dBu nominal) |
| Ports | 1 5V/2A USB On a typeA USB connector for powering an external device 1 RS232 On a 3pin terminal block connector 1 Ethernet On an RJ45 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: 100240V 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 (noncondensing) |
| 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 |

