



## VS-44H2

4x4 4K HDR HDCP 2.2 Matrix Switcher

| HDMI | Ethernet - RJ-45 | 4K/60 UHD (4:4:4)



VS-44H2 is a high-performance 4x4 matrix switcher for 4K@60Hz (4:4:4) HDR signals. It reclocks and equalizes the signals and can route any one of 4 HDMI, HDCP-compliant sources (selectable) to any or all outputs simultaneously

### FEATURES

**High-Performance AV Matrix** - Switches 4 4K@60Hz (4:4:4), HDR, HDMI, HDCP (2.2/1.4)-compliant signals to 4 4K@60Hz (4:4:4), HDR, HDMI, HDCP (2.2/1.4)-compliant outputs at up to 18G data rate.

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, up to 7.1 uncompressed audio channels as specified in HDMI 2.0

**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 8 preset configurations

**Simple and Powerful Maestro Room Automation** - Intuitive user interface enables you to fully automate your meeting room elements. Configure lights, shades, devices and more to be activated by an extensive range of triggers, including scheduling, input/output connectivity, routing, and button pressing. By minimizing user intervention, Maestro room automation saves meeting prep time and minimizes human error before presentations

**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, memory, lock and EDID buttons, and Input/Output LED display. Distance control via user-friendly embedded web pages via the 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

**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                   | 4 HDMI: On female HDMI connectors   |
| Outputs                  | 4 HDMI: On female HDMI connectors   |
| Ports                    | 1 USB: On a Mini-USB connector for device control<br>1 RS-232: On a 3-pin terminal block connector for device control<br>1 Ethernet: On an RJ-45 connector<br>1 USB: On a USB-type A connector for powering an external device  |
| Video                    | Max. Resolutions: 4K@60Hz (4:4:4)<br>Max Data Rate 18Gbps bandwidth (6Gbps per graphic channel)<br>HDMI Support Deep Color, 3D, up to 7.1 uncompressed audio channels as specified in HDMI 2.0<br>Content Protection HDCP 1.4 and 2.2   |
| User Interface           | Indicators: Input/output LCD display<br>Control: Input/output selection, mute, test pattern, memory, front panel lock, buttons. RS-232 and USB connections for sending serial commands via PC, touch screen system or other serial controller. Embedded web pages via LAN for configuration and control |
| Power                    | Source: 100-240V AC, 50-60Hz<br>Consumption: 54VA   |
| Environmental Conditions | Operating Temperature: 0° to +40°C (32° to 104°F)<br>Storage Temperature: -40° to +70°C (-40° to 158°F)<br>Humidity: 10% to 90%, RH (non-condensing)  |
| Accessories              | Included: Rack ears, power cord, rubber feet  |
| Product Dimensions       | 43.64cm x 23.72cm x 4.36cm (17.18" x 9.34" x 1.72" ) W, D, H  |
| Product Weight           | 1.4kg (3.1lbs) approx   |
| Shipping Dimensions      | 55.20cm x 27.80cm x 10.50cm (21.73" x 10.94" x 4.13" ) W, D, H  |
| Shipping Weight          | 2.2kg (4.9lbs) approx   |



